CATALOGO LED CATALOGUE 07

Componenti per l'illuminazione

Schede LED - Moduli LED - Schede elettroniche - Accessori

Lighting components

LED boards - LED modules - Electronic boards - Accessories

ZHAGA Associate Member

Analizziamo
We analyze

Analizziamo con cura le richieste e le indicazioni, con l'obiettivo di trovare sempre le soluzioni più idonee alle vostre necessità.

We carefully analyse your requests and indications, with a view to always finding the solutions that best suit your needs.

Progettiamo
We design

Il nostro ufficio tecnico elabora i requisiti di progetto e genera proposte che vi permettono di valutare tecnicamente il prodotto, sin dalla fase progettuale, con successiva realizzazione di prototipi, fino alla validazione del progetto finale.

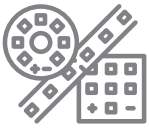
Our technical department processes the project requirements and submits offers that allow you to technically assess the product from the design phase, with subsequent prototyping, up to the validation of the final project.

Produciamo
We produce

Le nostre linee produttive, di ultima generazione, garantiscono massima precisione, qualità e velocità di assemblaggio del prodotto, consentendo così anche una accurata programmazione dei tempi di consegna.

Our state-of-the-art production lines ensures maximum precision, quality and speed of product assembly, thus allowing an accurate planning of delivery times.

Soluzioni
Solutions



Il risultato finale è una vasta gamma di prodotti e soluzioni che danno forma e luce alle vostre idee.

The end result is a wide range of products and solutions that give shape and light to your ideas.

EA Lighting solutions

CATALOGO LED CATALOGUE 07

Associate Member

Diamo forma e luce alle vostre idee
We give shape and light to your ideas

EA srl nasce, oltre 30 anni fa, da un'idea che possiamo definire "luminosa", visto che il settore dal quale è partita l'avventura, era quello della produzione di portalampade per bassa tensione e tensione di rete.

La passione, l'entusiasmo e l'impegno profusi hanno consentito all'azienda di acquisire una sempre maggiore conoscenza e professionalità nel settore lighting, crescendo in maniera costante, ed ampliando la propria clientela anche nei paesi europei.

La costante ricerca di soluzioni innovative e le richieste di un mercato in rapida evoluzione hanno reso necessario, nel 2011, la creazione di un reparto di elettronica, pensato e strutturato per la progettazione, lo sviluppo e la produzione di schede LED, moduli LED e schede elettroniche, con il conseguente inserimento di nuove figure professionali.

La mission però è rimasta sempre la stessa: attenzione e cura per il cliente, fornendo servizi e soluzioni personalizzate con un ampia gamma di prodotti.

Ci impegniamo ad essere un partner affidabile per i produttori di illuminazione, ad uso civile e industriale, nel pieno rispetto delle esigenze dei nostri clienti.

EA srl was incorporated over 30 years ago from an idea that we might define as "bright" considering the field we started to work in, that is the production of low-voltage and main voltage bulb sockets.

Passion, enthusiasm and commitment made our professionals increase their knowledge and know-how in the lighting sector. In time, our company has constantly grown and expanded with a higher and higher number of customers in European countries.

Our constant search for innovative solutions and the fulfilment of market needs, which are developing so fast, made it necessary to create a department focused on electronics in 2011. Such sector was conceived and organised for the design, development and production of LED boards, LED modules, and electronic boards with the consequent employment of new professionals.

However, our objectives have not changed: care for our customers' needs and the supply of customised services and solutions through a wide range of products.

We work hard to be a reliable partner for the manufacturers of lighting items for homes and industries to meet all our customers' needs.

Liberatoria

Le informazioni contenute all'interno del presente catalogo devono intendersi come generali sulle caratteristiche e sull'utilizzo del prodotto.

Essendo il prodotto LED in continua evoluzione, i dati riportati potranno subire variazioni senza obbligo alcuno di comunicazione o preavviso da parte di EA srl.

EA srl non è responsabile per danni a cose o persone conseguenti ad un utilizzo improprio del prodotto o comunque ad una errata installazione dello stesso.

Ogni prodotto deve essere testato e approvato da parte del cliente nell'applicazione definitiva.

I "diritti di proprietà intellettuale" (logo, disegni tecnici, foto, software, firmware) sono di esclusiva proprietà di EA srl.

Schede tecniche complete e condizioni generali di vendita sul nostro sito web **www.easrl.com**

Disclaimer

The information contained in this catalogue should be considered as general information on the characteristics and use of the product.

Since LED products are continuously evolving, the above values are subject to change without any obligation of communication or notice from EA srl.

EA srl will not be liable for any damage to property or people resulting from improper use of the products or from faulty installation of the latter.

Each product must be tested and approved by the customer in the final application.

Intellectual property rights (logo, technical drawings, photos, software, firmware) are the exclusive property of EA srl.

Complete technical sheets and general terms of sale on our website ***www.easrl.com***

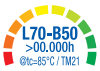
Capitoli / *Chapters*

01	**Schede LED in bassa tensione / *Low voltage LED boards***	5 › 129
	Corrente costante / *Constant current*	7 › 82
	Tonde Ø fino a 21 mm / *Round Ø up to 21*	7 › 15
	Tonde Ø 22-50 mm / *Round Ø 22-50 mm*	16 › 31
	Tonde Ø oltre 51 mm / *Round Ø over 51 mm*	32 › 60
	Quadrate e rettangolari / *Square and rectangular*	61 › 68
	Lineari / *Linear*	69 › 79
	Altre forme / *Other shapes*	80 › 81
	RGB	82 › 84
	Tensione costante / *Constant voltage*	85 › 132
	Tonde Ø fino a 21 mm / *Round Ø up to 21*	85 › 88
	Tonde Ø 22-50 mm / *Round Ø 22-50 mm*	89 › 95
	Tonde Ø oltre 51 mm / *Round Ø over 51 mm*	96 › 112
	Quadrate e rettangolari / *Square and rectangular*	113 › 114
	Lineari / *Linear*	115 › 130
	Altre forme / *Other shapes*	131 › 132
02	**Schede LED a tensione di rete / *Main voltage LED boards***	133 › 160
	220~240Vac	135 › 156
	110~120Vac	157 › 160
03	**Moduli LED in bassa tensione / *Low voltage LED modules***	161 › 178
	Corrente costante / *Constant current*	163 › 171
	Corrente costante RGB / *RGB constant current*	172 › 173
	Tensione costante / *Constant voltage*	174 › 178
04	**Moduli LED a tensione di rete / *Main voltage LED modules***	179 › 190
	220~240Vac	181 › 188
	110~120Vac	189
05	**Moduli LED per il Relamping / *LED modules for Relamping***	191 › 198
	Corrente costante / *Constant current*	193 › 196
	Tensione costante / *Constant voltage*	197 › 198
06	**Strip LED e profili in alluminio / *LED strip and aluminium profiles***	199 › 222
	Tensione costante 24Vdc / *24Vdc constant voltage*	201 › 214
	Tensione costante 48Vdc / *48Vdc constant voltage*	215
	Tensione costante 24Vdc RGB / *RGB 24Vdc constant voltage*	216
	Profili in alluminio / *Aluminium profiles*	217 › 222
07	**Tubi LED flessibili in silicone / *Silicone flexible LED tubes***	223 › 232
	Tubi LED flessibili 24Vdc / *24Vdc flexible LED tubes*	225 › 231
	Mini strip 24Vdc	232

Capitoli / *Chapters*

08	**Elettronica di controllo / *Control electronics***	233 › 258
	Controller in tensione costante / *Constant voltage controllers*	235 › 237
	Sensori e dimmer / *Sensor and dimmers*	238 › 257
09	**Sistema QUICK-LED / *QUICK-LED system***	259 › 274
	Moduli LED / *LED modules*	261 › 262
	Supporti e adattatori / *Supports and adapters*	263 › 272
	Esempi di assemblaggio / *Assembly examples*	273 › 274
10	**Driver LED / *LED drivers***	275 › 300
	DC-DC	277 › 279
	350mA	280 › 283
	500mA	284 › 287
	700mA	288 › 290
	Dimmerabili / *Dimmable*	291
	Multipower	292 › 293
	Multipower dimmerabili / *Multipower dimmable*	294 › 298
	Spina integrata / *Wall mount*	299
	Waterproof / *Waterproof*	300
11	**Alimentatori LED / *LED power supplies***	301 › 328
	12Vdc	303 › 308
	24Vdc	309 › 318
	Dimmerabili / *Dimmable*	319 › 323
	Spina integrata / *Wall mount*	324 › 326
	Waterproof / *Waterproof*	327 › 328
12	**Cavi / *Cables***	329 › 348
	Flessibili / *Flexibles*	331 › 341
	Flessibili da esterno / *Flexibles for outdoor use*	342 › 343
	Flessibili con plug / *Flexibles with plug*	344 › 347
13	**Accessori LED / *LED accessories***	349 › 368
	PAD termici / *Thermal PAD*	351 › 352
	Lenti / *Lenses*	353 › 359
	Cover di protezione / *Protection covers*	360 › 362
	Accessori elettronica / *Electronic accessories*	363 › 364
	Accessori strip / *Strip accessories*	367
	Accessori cavi / *Cable accessories*	366
	Sistemi di raffreddamento / *Cooling systems*	367 › 368

Schede LED in bassa tensione
Low voltage LED boards

Legenda	***Legend***	
Durata di vita della sorgente luminosa / *Lifetime of the light source*	
Classe efficienza energetica / *Energy efficiency class*	
Scheda LED in corrente costante / *Constant current LED board*	
Scheda LED in tensione costante / *Constant voltage LED board*	
Predisposta per Bianco Dinamico / *Suitable for Tunable White*	
Scheda LED RGB / *RGB LED board*	
Angolo fascio luminoso / *Beam angle*	
Step MacAdam / *MacAdam step*	
Modulo LED da incorporare / *Built-in lighting module*	
Flessibile / *Flexible*	
Linkabile / *Linkable*	
Divisibile / *Divisible*	
Dimmerabile / *Dimmable*	
Dimmerabile PWM / *Dimmable PWM*	
Schede LED per singolo pannello / *LED boards for single panel*	

Schede LED in bassa tensione / *Low voltage LED boards*	
Corrente costante / *Constant current*	7 › 82
Tonde Ø fino a 21 mm / *Round Ø up to 21*	**7 › 15**
Tonde Ø 22-50 mm / *Round Ø 22-50 mm*	**16 › 31**
Tonde Ø oltre 51 mm / *Round Ø over 51 mm*	**32 › 59**
Quadrate e rettangolari / *Square and rectangular*	**60 › 67**
Lineari / *Linear*	**68 › 78**
Altre forme / *Other shapes*	**79 › 80**
RGB	**81 › 83**
Tensione costante / *Constant voltage*	84 › 130
Tonde Ø fino a 21 mm / *Round Ø up to 21*	**84 › 87**
Tonde Ø 22-50 mm / *Round Ø 22-50 mm*	**88 › 94**
Tonde Ø oltre 51 mm / *Round Ø over 51 mm*	**95 › 111**
Quadrate e rettangolari / *Square and rectangular*	**112**
Lineari / *Linear*	**113 › 127**
Altre forme / *Other shapes*	**128 › 129**

Alimentatore e Driver | *Power supply unit and Driver*

Se non diversamente indicato, le schede LED non sono protette da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Per un buon funzionamento, assicurarsi che l'alimentatore o il driver utilizzato abbia tali protezioni.

Unless otherwise indicated, LED boards are not protected against overvoltage, overcurrent, overload or short-circuits. For correct operation, check power supply unit or driver has such protections.

Tmax - Temperatura d'esercizio | *Working temperature*

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED.

To be tested on final application measured at LED board t_c / t_p (if present) or at the nearest point to the LED.

Dissipazione | *Dissipation*

Al fine di una corretta dissipazione le schede LED devono essere fissata su una struttura in alluminio.

In order to obtain correct dissipation, fix the LED boards to an aluminium support.

Tolleranze | *Tolerances*

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Spessore PCB / *PCB thickness:* ±10%
Ø fori / *hole Ø:* ±0.1mm

Varianti e accessori | *Variants and accessories*

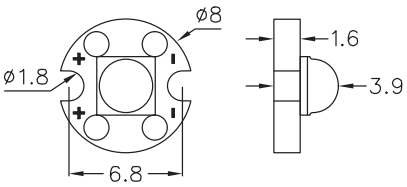
Da definire in fase d'ordine / *To be chosen when ordering*

Note | *Notes*

Le schede LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare le schede e/o apportare modifiche alle stesse ed evitare di collegarle ad un alimentatore o driver sotto tensione.

LED boards contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED boards and/or not to modify them. Avoid connecting LED boards to a powered supply unit or driver.

CL008

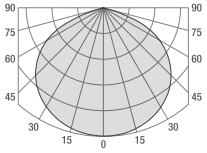


CC Input (mA)	V Typ (V)	Power Typ (W)
350	2.8	1
500	2.9	1.4
700	3	2.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1	150	150		117	117	
	1.4	209	149		164	117	
	2.1	285	136	E	223	106	F
3000K	1	157	157		124	124	
	1.4	220	157		174	124	
	2.1	299	142	E	237	113	F
4000K	1	164	164		133	133	
	1.4	230	164		187	134	
	2.1	313	149	D	254	121	E
5700K	1	168	168				
	1.4	235	168				
	2.1	320	152	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	1
Dimensions	Ø 8 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL008 (1) | XXXXX (2) . XXXAB (1) . YYYYY (3)

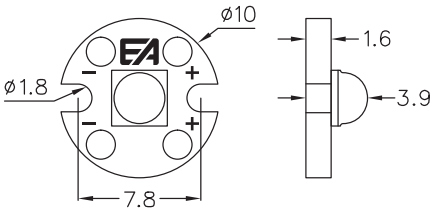
1 Codice fisso / *Fixed code* CL008 _ XXXAB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL010

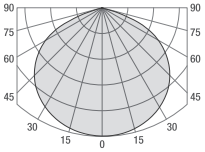


CC Input (mA)	V Typ (V)	Power Typ (W)
350	2.8	1
500	2.9	1.4
700	3	2.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1	150	150		117	117	
	1.4	209	149		164	117	
	2.1	285	136	E	223	106	F
3000K	1	157	157		124	124	
	1.4	220	157		174	124	
	2.1	299	142	E	237	113	F
4000K	1	164	164		133	133	
	1.4	230	164		187	134	
	2.1	313	149	D	254	121	E
5700K	1	168	168				
	1.4	235	168				
	2.1	320	152	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	1
Dimensions	Ø 10 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL010 ❶ | XXXXX ❷ . XXXAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL010 _ XXXAB

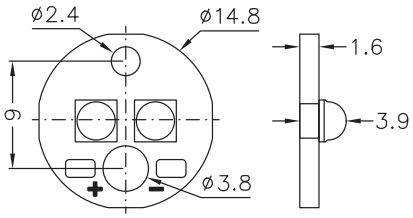
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL066

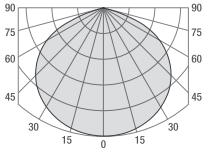


CC Input (mA)	V Typ (V)	Power Typ (W)
350	2.7	0.9
500	2.7	1.4
700	2.8	2
1050	2.9	3
1400	3	4.2

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	0.9	154	171		120	133	
	1.4	218	156		170	121	
	2	299	150		234	117	
	3	427	142		343	114	
	4.2	553	132	E	446	106	F
3000K	0.9	161	179		128	142	
	1.4	228	163		181	129	
	2	314	157		249	125	
	3	460	153		365	122	
	4.2	598	142	E	474	113	F
4000K	0.9	169	188		137	152	
	1.4	239	171		194	139	
	2	329	165		267	134	
	3	481	160		391	130	
	4.2	626	149	D	508	121	E
5700K	0.9	173	192				
	1.4	244	174				
	2	336	168				
	3	492	164				
	4.2	640	152	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	2
Dimensions	Ø 14.8 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

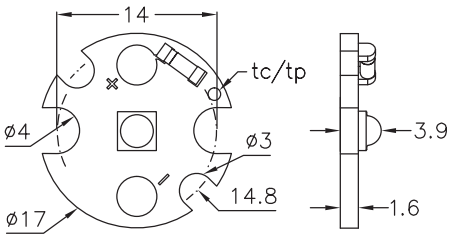
Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL066 (1) | XXXXX (2) . XXXAB (1) . YYYYY (3)

(1) **Codice fisso / *Fixed code***	CL066 _ XXXAB	
(2) **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
(3) **Variante cavo / *Cable variants***		
Da definire in fase d'ordine / *To be chosen when ordering*		

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL011



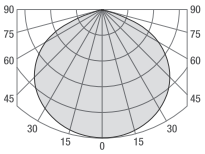
CC Input (mA)	V Typ (V)	Power Typ (W)
350	2.8	1
500	2.9	1.4
700	3	2.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1	150	150		117	117	
	1.4	209	149		164	117	
	2.1	285	136	E	223	106	F
3000K	1	157	157		124	124	
	1.4	220	157		174	124	
	2.1	299	142	E	237	113	F
4000K	1	164	164		133	133	
	1.4	230	164		187	134	
	2.1	313	149	D	254	121	E
5700K	1	168	168				
	1.4	235	168				
	2.1	320	152	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	1
Dimensions	Ø 17 mm x h 3.9 mm

Con protezione di inversione della polarità
With inverse-polarity protection

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL011 ❶ | XXXXX ❷ . XXXAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL011 _ XXXAB

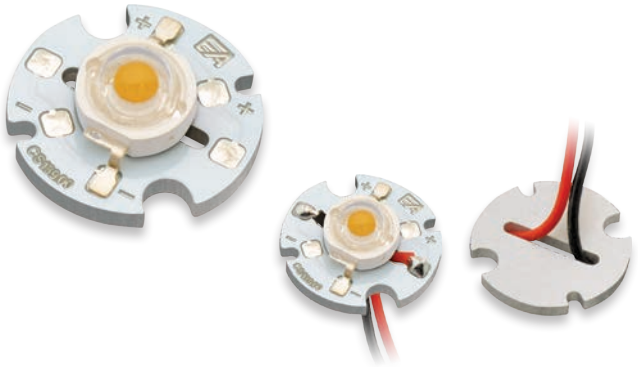
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

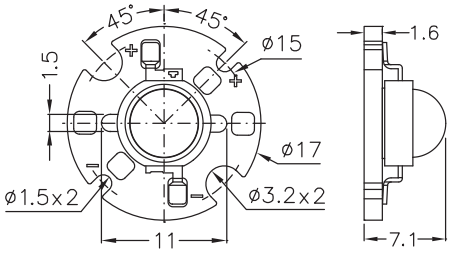
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL139_G



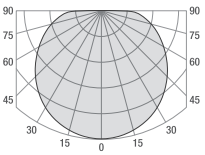


CC Input (mA)	V Typ (V)	Power Typ (W)
350	3.1	1.1
500	3.3	1.7
700	3.5	2.5

CCT CRI>80	Power Typ (W)	LED type GD			LED type GA			LED type GE		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2750K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	A G	221	88	A G	244	98	A F
2950K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	A G	221	88	A G	244	98	A F
3150K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	A G	221	88	A G	244	98	A F
3950K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	A G	221	88	A G	244	98	A F
5300K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	A G	221	88	A G	244	98	A F

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	PROLIGHT®
LED Q.ty	1
Dimensions	Ø 17 mm x h 7.1 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, lente, pad termico / *Cables, lens, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL139	XXXXX	.	XXXG	X	.	YYYYY
1	2		1	3		4

1 Codice fisso / *Fixed code* CL139 _ XXXG

2 CCT + SDCM	**CRI>80**
2750K	27805
2950K	29805
3150K	31805
3950K	39805
5300K	53805

3 Flusso del LED / *LED flux*

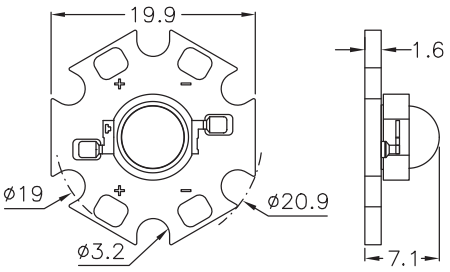
Definito da EA srl in fase d'ordine, in base alla disponibilità del produttore del LED	D
Defined by EA srl when ordering, based on the availability of the LED manufacturer	A
	E

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL057_G

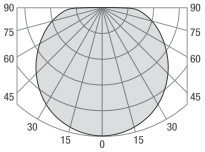


CC Input (mA)	V Typ (V)	Power Typ (W)
350	3.1	1.1
500	3.3	1.7
700	3.5	2.5

CCT CRI>80	Power Typ (W)	LED type GD			LED type GA			LED type GE		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2750K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	G	221	88	G	244	98	F
2950K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	G	221	88	G	244	98	F
3150K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	G	221	88	G	244	98	F
3950K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	G	221	88	G	244	98	F
5300K	1.1	105	95		123	112		136	124	
	1.7	137	81		168	99		185	109	
	2.5	180	72	G	221	88	G	244	98	F

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	PROLIGHT®
LED Q.ty	1
Dimensions	Ø 20.9 mm x h 7.1 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, lente, pad termico / *Cables, lens, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL057	XXXXX	.	XXXG	X	.	YYYYY
1	2		1	3		4

1 Codice fisso / *Fixed code* CL057 _ XXXG

2 CCT + SDCM	**CRI>80**
2750K	27805
2950K	29805
3150K	31805
3950K	39805
5300K	53805

3 Flusso del LED / *LED flux*

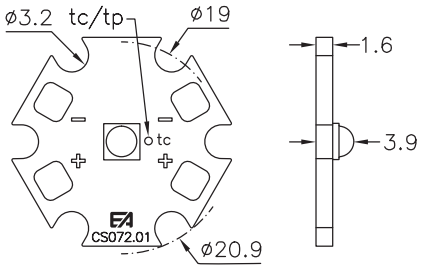
Definito da EA srl in fase d'ordine, in base alla disponibilità del produttore del LED *Defined by EA srl when ordering, based on the availability of the LED manufacturer*	D
	A
	E

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL072

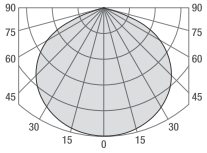


CC Input (mA)	V Typ (V)	Power Typ (W)
350	2.8	1
500	2.9	1.4
700	3	2.1
1050	3.1	3.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1	150	150		117	117	
	1.4	209	149		164	117	
	2.1	285	136	E	223	106	F
	3.3	406	123		318	96	
3000K	1	157	157		124	124	
	1.4	220	157		174	124	
	2.1	299	142	E	237	113	F
	3.3	426	129		338	102	
4000K	1	164	164		133	133	
	1.4	230	164		187	134	
	2.1	313	149	D	254	121	E
	3.3	446	135		362	110	
5700K	1	168	168				
	1.4	235	168				
	2.1	320	152	D			
	3.3	456	138				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	1
Dimensions	Ø 20.9 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL072 ❶ | XXXXX ❷ . XXXAB ❶ . YYYYY ❸

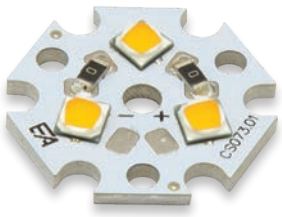
❶ **Codice fisso / *Fixed code*** CL072 _ XXXAB

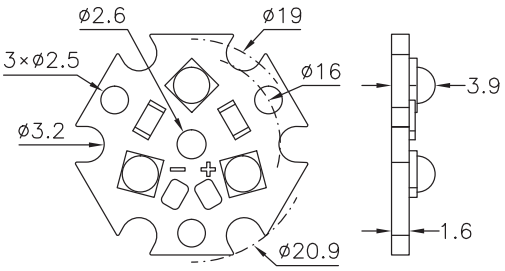
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL073_XI



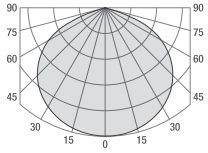


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9
500	8.6	4.3
700	8.8	6.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	449	155		351	121	
	4.3	628	146		492	114	
	6.1	855	140	E	669	110	F
3000K	2.9	471	162		373	129	
	4.3	659	153		523	122	
	6.1	897	147	D	711	117	F
4000K	2.9	493	170		400	138	
	4.3	690	160		560	130	
	6.1	939	154	D	762	125	E
5700K	2.9	504	174				
	4.3	706	164				
	6.1	960	157	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Dimensions	Ø 20.9 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL073 ❶ | XXXXX ❷ . XIXXAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL073 _ XIXXAB

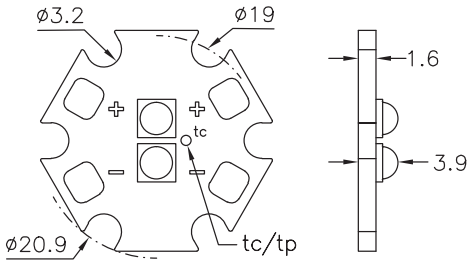
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL081

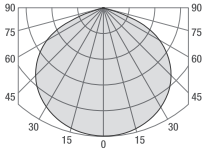


CC Input (mA)	V Typ (V)	Power Typ (W)
350	5.6	2
500	5.8	2.9
700	6	4.2

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2	299	150		234	117	
	2.9	419	144		328	113	
	4.2	570	136	E	446	106	F
3000K	2	314	157		249	125	
	2.9	440	152		348	120	
	4.2	598	142	E	474	113	F
4000K	2	329	165		267	134	
	2.9	460	159		373	129	
	4.2	626	149	D	508	121	E
5700K	2	336	168				
	2.9	470	162				
	4.2	640	152	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	2
Dimensions	Ø 20.9 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL081 (1) | XXXXX (2) . XXXAB (1) . YYYYY (3)

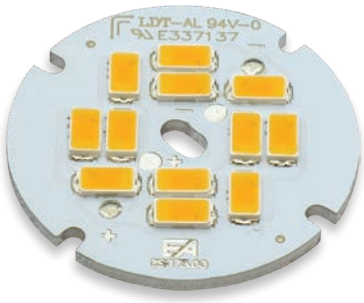
1 Codice fisso / *Fixed code* CL081 _ XXXAB

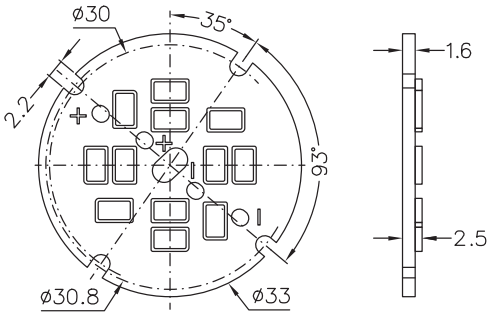
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL075





CC Input (mA)	V Typ (V)	Power Typ (W)
350	5.6	2
500	5.8	2.9
700	5.9	4.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2	331	166		270	135	
	2.9	458	158		366	126	
	4.1	621	151	D	497	121	E
3000K	2	348	174		273	137	
	2.9	472	163		370	128	
	4.1	640	156	D	502	122	E
4000K	2	348	174		298	149	
	2.9	472	163		403	139	
	4.1	640	156	D	547	133	E
5000K	2	348	174				
	2.9	472	163				
	4.1	640	156	D			
6300K	2	348	174				
	2.9	472	163				
	4.1	640	156	D			

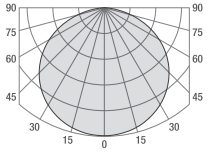
Attenzione / *Warning*

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	12
Dimensions	Ø 33 mm x h 2.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL075 (1) | XXXXX (2) . XXXAD (1) . YYYYY (3)

1 Codice fisso / *Fixed code* CL075 _ XXXAD

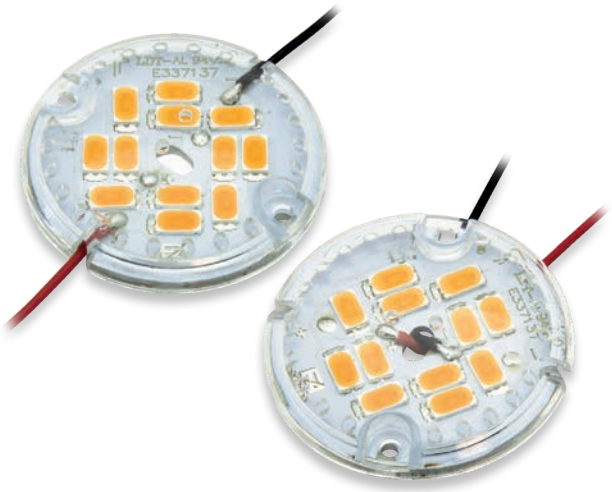
2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/
6300K	63803	/

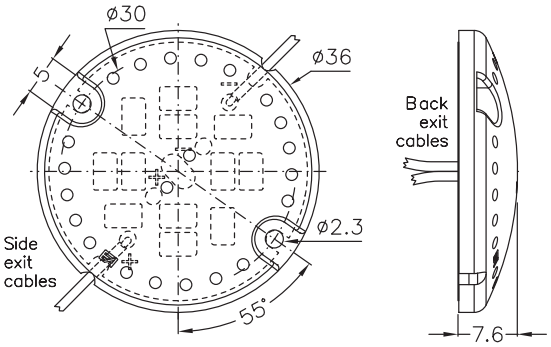
3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL075_Y



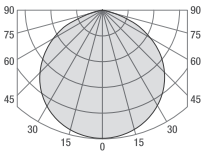


CC Input (mA)	V Typ (V)	Power Typ (W)
350	5.6	2
500	5.8	2.9
700	5.9	4.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2	304	152		248	124	
	2.9	421	145		337	116	
	4.1	571	139	E	457	111	F
3000K	2	320	160		251	126	
	2.9	434	150		340	117	
	4.1	589	144	E	461	112	F
4000K	2	320	160		274	137	
	2.9	434	150		371	128	
	4.1	589	144	E	503	123	E
5000K	2	320	160				
	2.9	434	150				
	4.1	589	144	E			
6300K	2	320	160				
	2.9	434	150				
	4.1	589	144	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	12
Cover	Trasparente / *Transparent*
Dimensions	Ø 36 mm x h 7.6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL075 ❶ | XXXXX ❷ . XXX ❸ | YAD ❶ . YYYY ❹

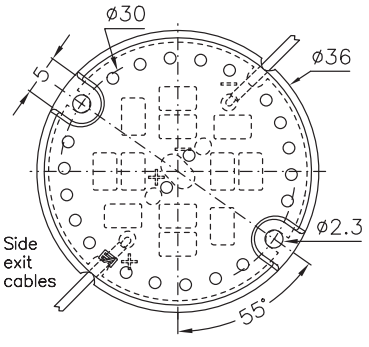
❶ **Codice fisso / *Fixed code***		CL075 _ YAD
❷ **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/
6300K	63803	/

❸ **Cavi / *Cables***	
Cavi laterali / *Side cables*	XAX
Cavi posteriori / *Back cables*	XBX

❹ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL075_Z

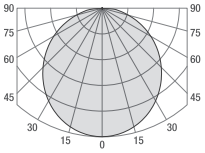


CC Input (mA)	V Typ (V)	Power Typ (W)
350	5.6	2
500	5.8	2.9
700	5.9	4.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2	255	128		200	100	
	2.9	352	121		270	93	
	4.1	478	117	F	359	88	G
3000K	2	268	134		210	105	
	2.9	363	125		285	98	
	4.1	493	120	E	386	94	F
4000K	2	268	134		229	115	
	2.9	363	125		310	107	
	4.1	493	120	E	421	103	F
5000K	2	268	134				
	2.9	363	125				
	4.1	493	120	E			
6300K	2	268	134				
	2.9	363	125				
	4.1	493	120	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	12
Cover	Satinata / *Frosted*
Dimensions	Ø 36 mm x h 7.6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL075	XXXXX	.	XXX	ZAD	.	YYYYY
1	2		3	1		4

1 Codice fisso / *Fixed code* CL075 _ ZAD

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/
6300K	63803	/

3 Cavi / *Cables*

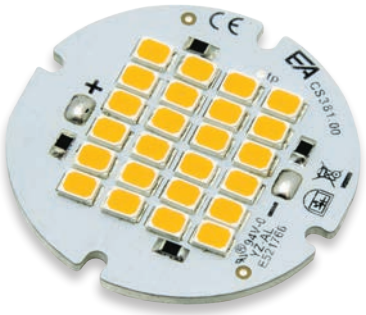
Cavi laterali / *Side cables*	XAX
Cavi posteriori / *Back cables*	XBX

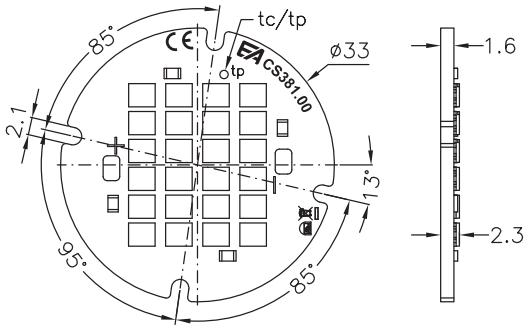
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL381_XI





CC Input (mA)	V Typ (V)	Power Typ (W)
150	23	3.4
180	23.3	4.2
250	23.8	5.9

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.4	516	152		454	134	
	4.2	608	145	E	540	129	E
	5.9	798	135		727	123	
3000K	3.4	546	161		454	134	
	4.2	643	153	D	540	129	E
	5.9	844	143		727	123	
4000K	3.4	575	169		514	151	
	4.2	677	161	D	612	146	D
	5.9	890	151		824	140	
5000K	3.4	575	169				
	4.2	677	161	D			
	5.9	890	151				

Attenzione / ***Warning***

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

La cover opale inoltre può provocare anche una variazione importante del CCT.

N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).

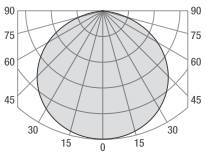
The opal cover can also cause a significant change in the CCT.

***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	24
Dimensions	Ø 33 mm x h 2.3 mm

Curva tipica di distribuzione della luce

Luminous intensity distribution



Accessori / ***Accessories***

Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / ***Standard order code***

Senza cavi, pad termico e altri accessori

Without cables, thermal pad and other accessories

CL381 ❶ | XXXXX ❷ . XIXXBA ❶ . YYYYY ❸

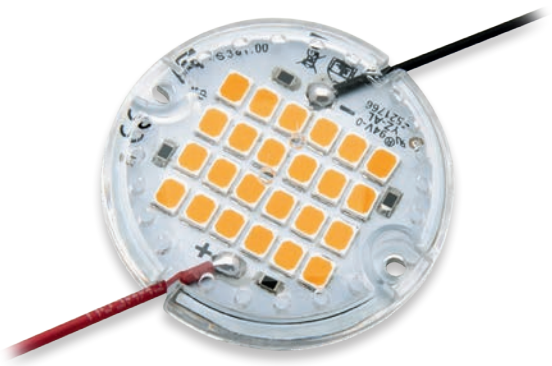
❶ **Codice fisso** / ***Fixed code***	CL381 _ XIXXBA	
❷ **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/
❸ **Variante cavo** / ***Cable variants***		
Da definire in fase d'ordine / *To be chosen when ordering*		

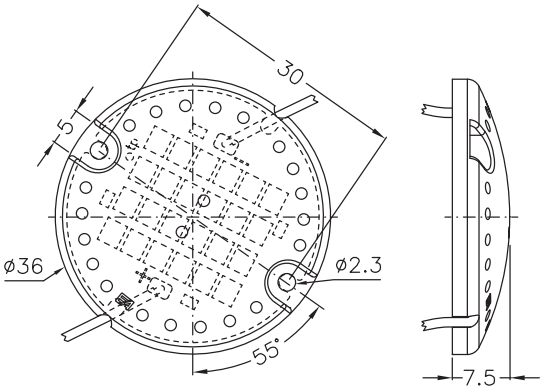
Scheda tecnica completa sul nostro sito

Complete datasheet on our web site

www.easrl.com

CL381_XI_Y



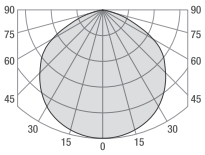


CC Input (mA)	V Typ (V)	Power Typ (W)
150	23	3.4
180	23.3	4.2
250	23.8	5.9

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.4	475	140		417	123	
	4.2	559	133	E	497	118	F
	5.9	734	124		669	113	
3000K	3.4	502	148		417	123	
	4.2	591	141	E	497	118	F
	5.9	776	132		669	113	
4000K	3.4	529	156		473	139	
	4.2	623	148	D	563	134	E
	5.9	818	139		758	128	
5000K	3.4	529	156				
	4.2	623	148	D			
	5.9	818	139				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	24
Cover	Trasparente / *Transparent*
Dimensions	Ø 36 mm x h 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL381 ❶ | XXXXX ❷ . XIAXYBA ❶ . YYYYY ❸

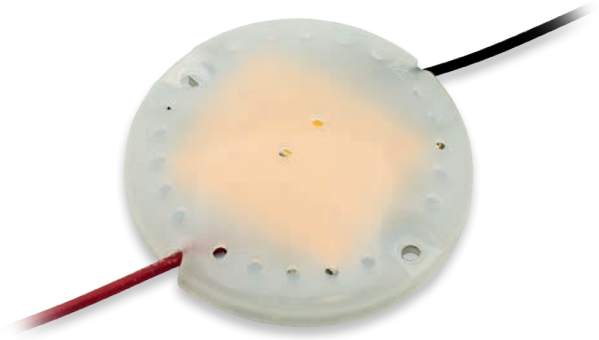
❶ **Codice fisso / *Fixed code*** CL381 _ XIAXYBA

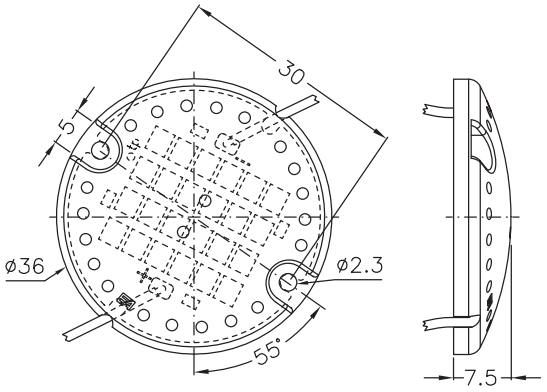
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL381_XI_Z



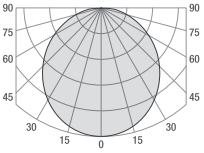


CC Input (mA)	V Typ (V)	Power Typ (W)
150	23	3.4
180	23.3	4.2
250	23.8	5.9

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.4	398	117		349	103	
	4.2	468	111	F	416	99	F
	5.9	615	104		560	95	
3000K	3.4	420	124		349	103	
	4.2	495	118	F	416	99	F
	5.9	650	110		560	95	
4000K	3.4	443	130		396	116	
	4.2	522	124	E	471	112	F
	5.9	685	116		635	108	
5000K	3.4	443	130				
	4.2	522	124	E			
	5.9	685	116				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	24
Cover	Satinata / *Frosted*
Dimensions	Ø 36 mm x h 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL381 (1) | XXXXX (2) . XIAXZBA (1) . YYYYY (3)

1 Codice fisso / *Fixed code* CL381 _ XIAXZBA

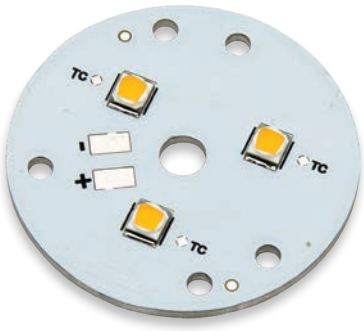
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

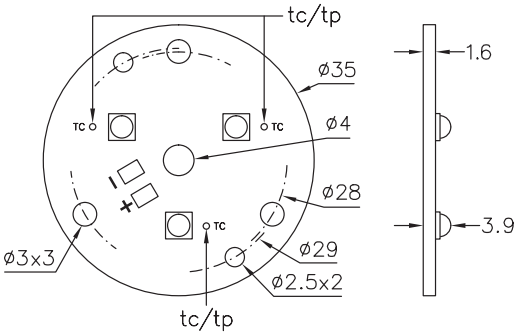
3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL003



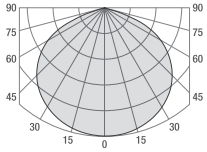


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9
500	8.6	4.3
700	8.8	6.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	449	155		351	121	
	4.3	628	146		492	114	
	6.1	855	140	E	669	110	F
3000K	2.9	471	162		373	129	
	4.3	659	153		523	122	
	6.1	897	147	D	711	117	F
4000K	2.9	493	170		400	138	
	4.3	690	160		560	130	
	6.1	939	154	D	762	125	E
5700K	2.9	504	174				
	4.3	706	164				
	6.1	960	157	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Dimensions	Ø 35 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL003 (1) | XXXXX (2) . XXXAB (1) . YYYYY (3)

1 Codice fisso / *Fixed code* CL003 _ XXXAB

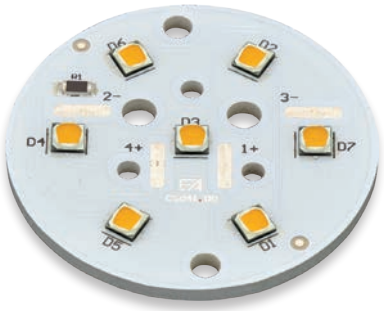
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

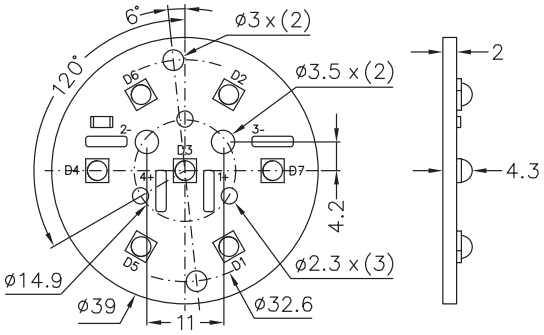
3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL041



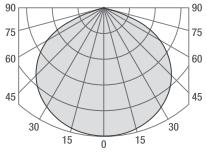


CC Input (mA)	V Typ (V)	Power Typ (W)
350	19.6	6.9
500	20	10
700	20.4	14.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	6.9	1026	149		844	122	
	10	1393	139		1182	118	
	14.3	1815	127	E	1608	112	F
3000K	6.9	1077	156		897	130	
	10	1461	146		1256	126	
	14.3	1905	133	E	1709	120	E
4000K	6.9	1127	163		961	139	
	10	1530	153		1346	135	
	14.3	1994	139	E	1831	128	E
5700K	6.9	1152	167				
	10	1564	156				
	14.3	2038	143	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	7
Dimensions	Ø 39 mm x h 4.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL041 ❶ | XXXXX ❷ . XXXAB ❶ . YYYYY ❸

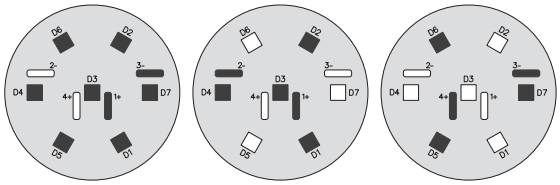
❶ Codice fisso / *Fixed code*	CL041 _ XXXAB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Opzioni di alimentazione / *Supply options*



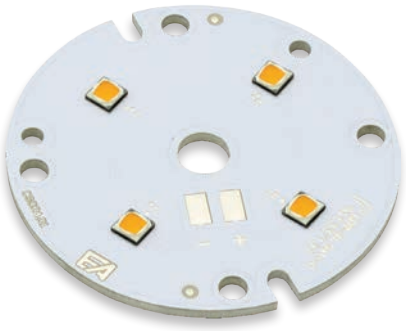
7 LEDs
pad (1+) e/*and* (3-)

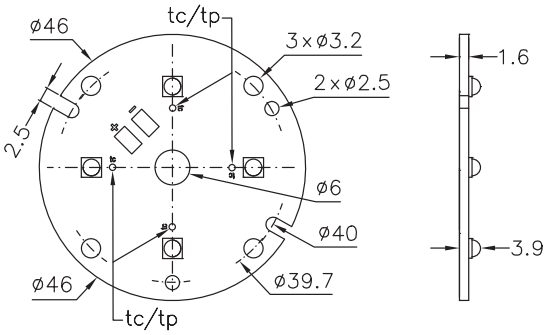
4 LEDs
pad (1+) e/*and* (2-)

3 LEDs
pad (4+) e/*and* (3-)

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL024



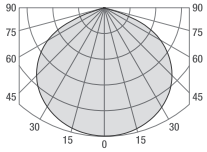


CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.1	3.9
500	11.3	5.7
700	11.5	8.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.9	599	154		468	120	
	5.7	838	147		656	115	
	8.1	1140	141	E	892	110	F
3000K	3.9	628	161		498	128	
	5.7	879	154		697	122	
	8.1	1196	148	D	948	117	F
4000K	3.9	657	168		533	137	
	5.7	920	161		747	131	
	8.1	1252	155	D	1016	125	E
5700K	3.9	672	172				
	5.7	941	165				
	8.1	1280	158	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Dimensions	Ø 46 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL024 ❶ | XXXXX ❷ . XXXAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL024 _ XXXAB

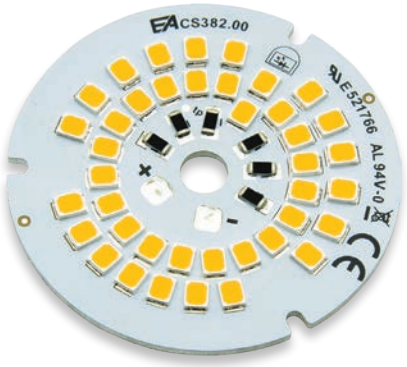
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

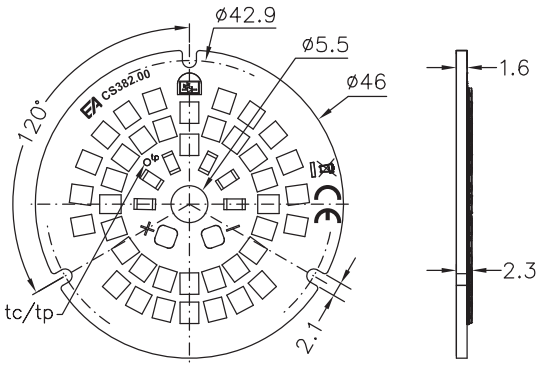
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL382_XI





CC Input (mA)	V Typ (V)	Power Typ (W)
250	23	5.7
300	23.2	7
350	23.5	8.2
400	23.7	9.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.7	843	148		756	133	
	7	998	143	E	900	129	E
	8.2	1143	139		1006	123	
	9.5	1271	134		1113	117	
3000K	5.7	882	155		756	133	
	7	1044	149	D	900	129	E
	8.2	1196	146		1037	126	
	9.5	1330	140		1172	123	
4000K	5.7	939	165		857	150	
	7	1112	159	D	1020	146	E
	8.2	1274	155		1175	143	
	9.5	1416	149		1328	140	
5000K	5.7	939	165				
	7	1112	159	D			
	8.2	1274	155				
	9.5	1416	149				

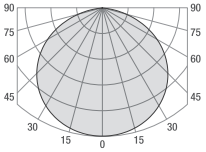
Attenzione / *Warning*

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	40
Dimensions	Ø 46 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL382 ❶ | XXXXX ❷ . XIXXBA ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL382 _ XIXXBA

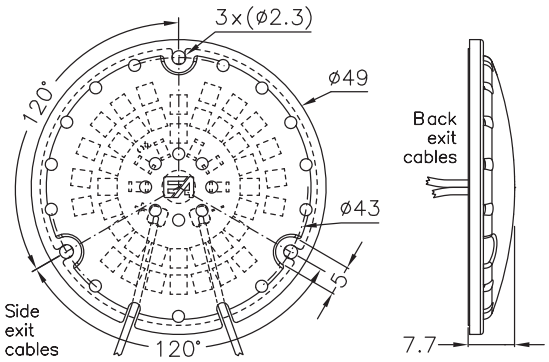
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

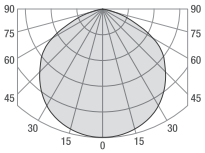
CL382_XI_Y



CC Input (mA)	V Typ (V)	Power Typ (W)
250	23	5.7
300	23.2	7
350	23.5	8.2
400	23.7	9.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.7	775	136		696	122	
	7	918	131	E	828	118	F
	8.2	1052	128		925	113	
	9.5	1169	123		1024	108	
3000K	5.7	812	142		696	122	
	7	960	137	E	828	118	F
	8.2	1101	134		954	116	
	9.5	1224	129		1078	113	
4000K	5.7	864	152		788	138	
	7	1023	146	D	938	134	E
	8.2	1172	143		1081	132	
	9.5	1303	137		1222	129	
5000K	5.7	864	152				
	7	1023	146	D			
	8.2	1172	143				
	9.5	1303	137				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	40
Cover	Trasparente / *Transparent*
Dimensions	Ø 49 mm x h 7.7 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL382	XXXXX	.	XI	XX	YBA	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL382 _ XI _ YBA

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

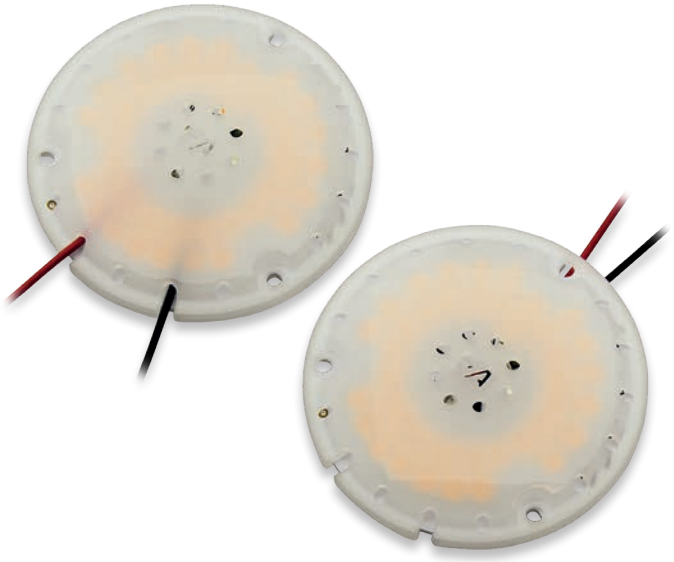
3 Cavi / *Cables*

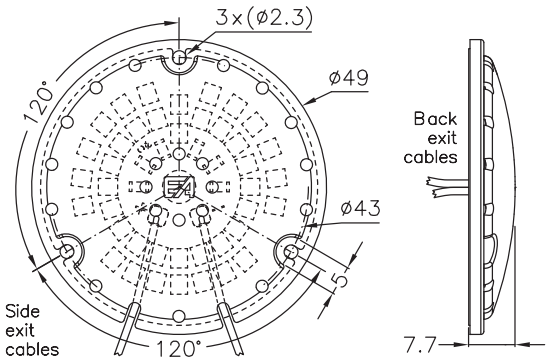
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL382_XI_Z

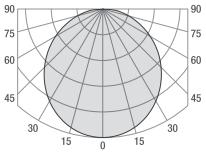




CC Input (mA)	V Typ (V)	Power Typ (W)
250	23	5.7
300	23.2	7
350	23.5	8.2
400	23.7	9.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.7	649	114		582	102	
	7	768	110	F	693	99	F
	8.2	880	107		774	94	
	9.5	979	103		900	95	
3000K	5.7	679	119		582	102	
	7	804	115	F	693	99	F
	8.2	921	112		798	97	
	9.5	1024	108		900	95	
4000K	5.7	723	127		660	116	
	7	856	122	E	785	112	F
	8.2	981	120		905	110	
	9.5	1090	115		1074	113	
5000K	5.7	723	127				
	7	856	122	E			
	8.2	981	120				
	9.5	1090	115				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	40
Cover	Satinata / *Frosted*
Dimensions	Ø 49 mm x h 7.7 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL382	XXXXX	.	XI	XX	ZBA	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL382 _ XI _ ZBA

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Cavi / *Cables*

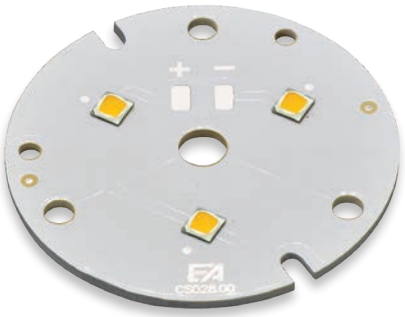
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

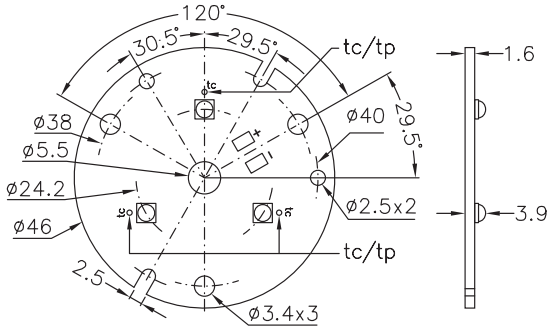
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL028



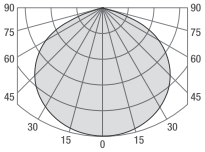


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9
500	8.6	4.3
700	8.8	6.1
1050	9.1	9.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	449	155		351	121	
	4.3	628	146		492	114	
	6.1	855	140	E	669	110	F
	9.5	1218	128		953	100	
3000K	2.9	471	162		373	129	
	4.3	659	153		523	122	
	6.1	897	147	D	711	117	F
	9.5	1278	135		1013	107	
4000K	2.9	493	170		400	138	
	4.3	690	160		560	130	
	6.1	939	154	D	762	125	E
	9.5	1338	141		1086	114	
5700K	2.9	504	174				
	4.3	706	164				
	6.1	960	157	D			
	9.5	1368	144				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Dimensions	Ø 46 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL028 (1) | XXXXX (2) . XXXAB (1) . YYYYY (3)

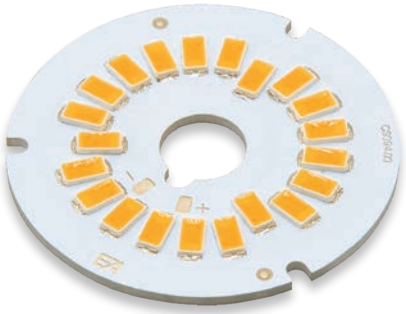
1 Codice fisso / *Fixed code* CL028 _ XXXAB

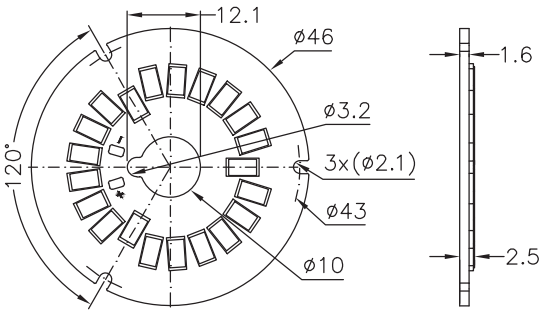
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL094





CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.3	2.9
500	8.4	4.2
700	8.7	6.1
1050	9.2	9.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	516	178		400	138	
	4.2	727	173		564	134	
	6.1	983	161	D	762	125	E
	9.7	1386	143		1075	111	
3000K	2.9	516	178		417	144	
	4.2	727	173		587	140	
	6.1	983	161	D	794	130	E
	9.7	1386	143		1119	115	
4000K	2.9	516	178		441	152	
	4.2	727	173		622	148	
	6.1	983	161	D	840	138	E
	9.7	1386	143		1184	122	
5000K	2.9	521	180				
	4.2	735	175				
	6.1	993	163	D			
	9.7	1401	144				

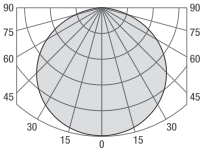
Attenzione / *Warning*

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	21
Dimensions	Ø 46 mm x h 2.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL094 (1) | XXXXX (2) . XXXAD (1) . YYYYY (3)

(1) Codice fisso / *Fixed code*	CL094 _ XXXAD

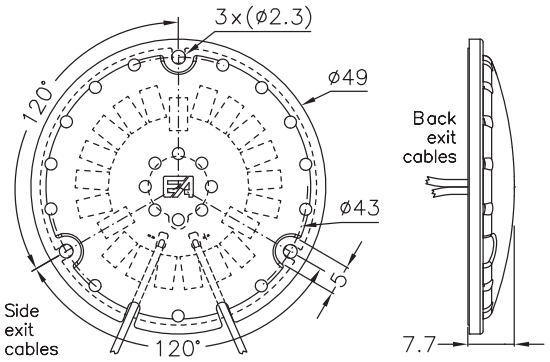
(2) CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

(3) Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL094_Y

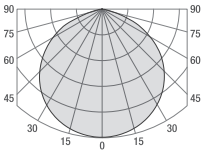


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.3	2.9
500	8.4	4.2
700	8.7	6.1
1050	9.2	9.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	464	160		360	124	
	4.2	655	156		508	121	
	6.1	885	145	E	686	112	F
	9.7	1261	130		978	101	
3000K	2.9	464	160		375	129	
	4.2	655	156		529	126	
	6.1	885	145	E	714	117	F
	9.7	1261	130		1019	105	
4000K	2.9	464	160		397	137	
	4.2	655	156		559	133	
	6.1	885	145	E	756	124	E
	9.7	1261	130		1078	111	
5000K	2.9	469	162				
	4.2	662	158				
	6.1	894	147	D			
	9.7	1275	131				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	21
Cover	Trasparente / *Transparent*
Dimensions	Ø 49 mm x h 7.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL094 ❶ | XXXXX ❷ . XXX ❸ | YAD ❶ . YYYY ❹

❶ Codice fisso / *Fixed code*	CL094 _ YAD

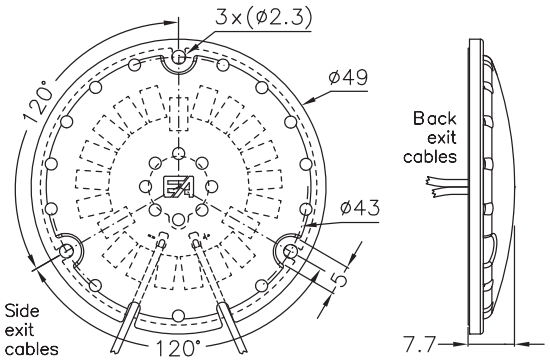
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ Cavi / *Cables*	
Cavi laterali / *Side cables*	XAX
Cavi posteriori / *Back cables*	XBX

❹ Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL094_Z

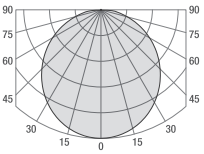


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.3	2.9
500	8.4	4.2
700	8.7	6.1
1050	9.2	9.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	397	137		308	106	
	4.2	560	133		434	103	
	6.1	757	124	E	587	96	F
	9.7	1081	111				
3000K	2.9	397	137		321	111	
	4.2	560	133		452	108	
	6.1	757	124	E	611	100	F
	9.7	1081	111				
4000K	2.9	397	137		340	117	
	4.2	560	133		479	114	
	6.1	757	124	E	647	106	F
	9.7	1081	111		924	95	
5000K	2.9	402	139				
	4.2	566	135				
	6.1	765	125	E			
	9.7	1092	113				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	21
Cover	Satinata / *Frosted*
Dimensions	Ø 49 mm x h 7.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL094 (1) | XXXXX (2) . XXX (3) | ZAD (1) . YYYYY (4)

1 Codice fisso / *Fixed code* CL094 _ ZAD

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Cavi / *Cables*

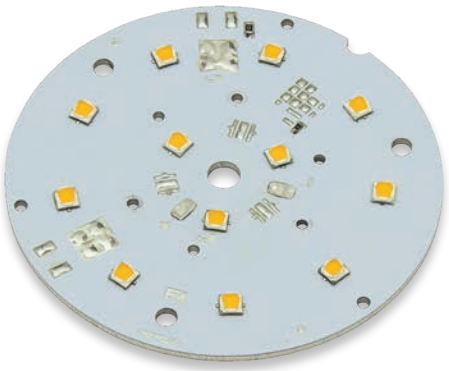
Cavi laterali / *Side cables*	XAX
Cavi posteriori / *Back cables*	XBX

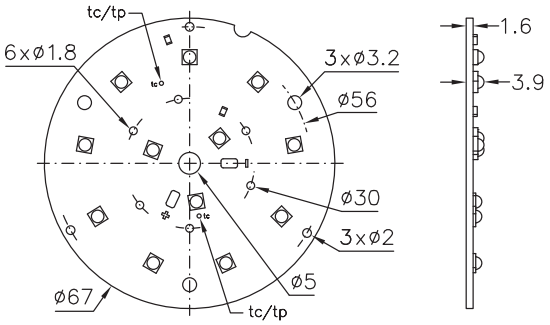
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL082_XI



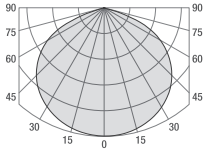


CC Input (mA)	V Typ (V)	Power Typ (W)
350	33.7	11.8
500	34.3	17.2
700	34.7	24.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	11.8	1885	160		1405	119	
	17.2	2589	151		1967	114	
	24.3	3386	139	E	2676	110	F
3000K	11.8	1978	168		1598	135	
	17.2	2716	158		2174	126	
	24.3	3552	146	D	2872	118	F
4000K	11.8	2051	174		1600	136	
	17.2	2788	162		2240	130	
	24.3	3681	151	D	3048	125	E
5700K	11.8	2117	179				
	17.2	2907	169				
	24.3	3802	156	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	12
Dimensions	Ø 67 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL082 ❶ | XXXXX ❷ . XIXXAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL082 _ XIXXAB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL076_XI

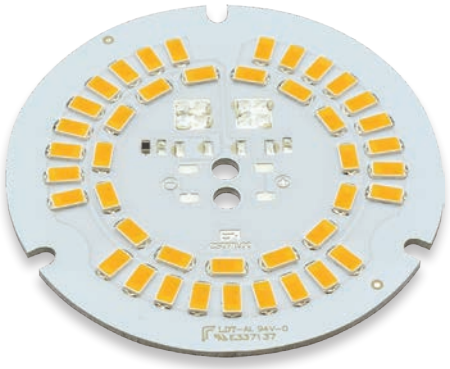
L70-B50 >38.000h @tc=75°C / TM21

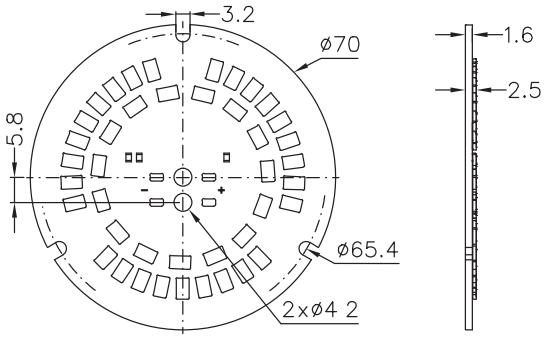
CC

120°

3 SDCM

6





CC Input (mA)	V Typ (V)	Power Typ (W)
350	16.8	5.9
500	17.4	8.7
700	18	12.6
900	18.6	16.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.9	991	168		768	130	
	8.7	1382	159		1072	123	
	12.6	1848	147	D	1433	114	F
	16.7	2321	139		1781	107	
3000K	5.9	991	168		800	136	
	8.7	1382	159		1116	128	
	12.6	1848	147	D	1492	118	E
	16.7	2321	139		1855	111	
4000K	5.9	991	168		847	144	
	8.7	1382	159		1181	136	
	12.6	1848	147	D	1579	125	E
	16.7	2321	139		1963	118	
5000K	5.9	1001	170				
	8.7	1397	161				
	12.6	1867	148	D			
	16.7	2346	140				

Attenzione / *Warning*

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

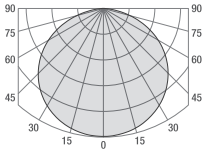
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).

***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	42
Dimensions	Ø 70 mm x h 2.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL076 ❶ | XXXXX ❷ | . | XIXXAD ❶ | . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL076 _ XIXXAD

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL076_XI_Y

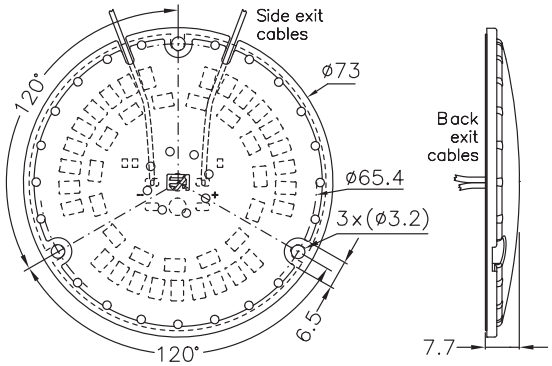
L70-B50 >38.000h @tc=75°C / TM21

CC

120°

3 SDCM

6

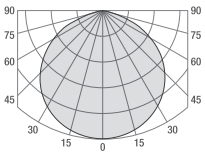


CC Input (mA)	V Typ (V)	Power Typ (W)
350	16.8	5.9
500	17.4	8.7
700	18	12.6
900	18.6	16.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.9	929	157		720	122	
	8.7	1309	150		1015	117	
	12.6	1769	140	E	1372	109	F
	16.7	2199	132		1720	103	
3000K	5.9	929	157		750	127	
	8.7	1309	150		1057	121	
	12.6	1769	140	E	1429	113	F
	16.7	2199	132		1791	107	
4000K	5.9	929	157		794	135	
	8.7	1309	150		1119	129	
	12.6	1769	140	E	1512	120	E
	16.7	2199	132		1895	113	
5000K	5.9	939	159				
	8.7	1323	152				
	12.6	1788	142	E			
	16.7	2222	133				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	42
Cover	Trasparente / *Transparent*
Dimensions	Ø 73 mm x h 7.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL076	XXXXX	.	XI	XX	YAD	.	YYYYY
1	2		1	3	1		3

1 Codice fisso / *Fixed code* CL076 _ XI _ YAD

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Cavi / *Cables*

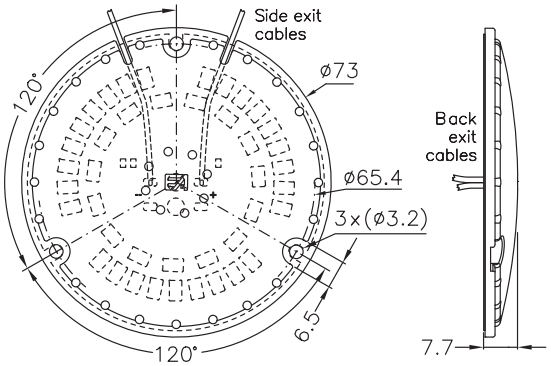
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL076_XI_Z

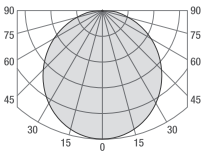


CC Input (mA)	V Typ (V)	Power Typ (W)
350	16.8	5.9
500	17.4	8.7
700	18	12.6
900	18.6	16.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.9	805	136		624	106	
	8.7	1135	130		880	101	F
	12.6	1533	122	E			
	16.7	1906	114				
3000K	5.9	805	136		650	110	
	8.7	1135	130		916	105	F
	12.6	1533	122	E			
	16.7	1906	114				
4000K	5.9	805	136		688	117	
	8.7	1135	130		970	111	
	12.6	1533	122	E	1310	104	F
	16.7	1906	114				
5000K	5.9	814	138				
	8.7	1147	132				
	12.6	1550	123	E			
	16.7	1926	115				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	42
Cover	Satinata / *Frosted*
Dimensions	Ø 73 mm x h 7.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL076	XXXXX	.	XI	XX	ZAD	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL076 _ XI _ ZAD

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

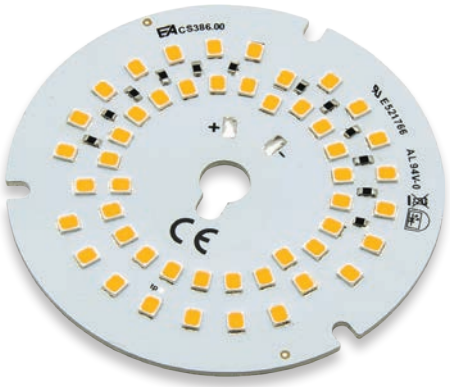
3 Cavi / *Cables*

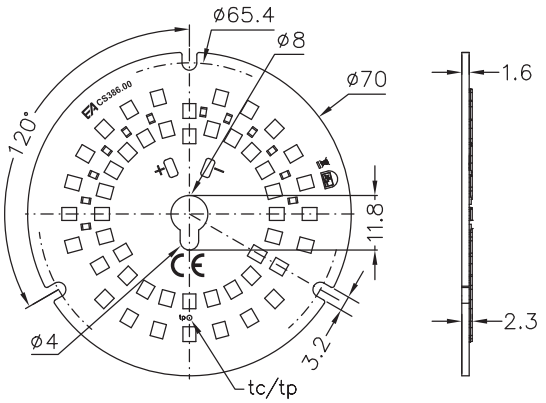
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL386_XI





CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.2	7.8
500	22.8	11.4
700	23.5	16.5
900	24.1	21.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.8	1274	163		1105	142	
	11.4	1752	154		1539	135	
	16.5	2379	144		2105	128	
	21.7	2938	135	E	2617	121	E
3000K	7.8	1312	168		1143	147	
	11.4	1804	158		1592	140	
	16.5	2449	148		2177	132	
	21.7	3024	139	E	2707	125	E
4000K	7.8	1390	178		1143	147	
	11.4	1911	168		1592	140	
	16.5	2595	157		2177	132	
	21.7	3200	147	D	2707	125	E
6500K	7.8	1390	178				
	11.4	1911	168				
	16.5	2595	157				
	21.7	3200	147	D			

Attenzione / *Warning*

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

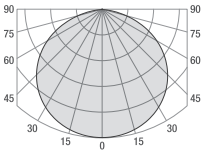
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).

***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Dimensions	Ø 70 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, connettori, pad termico, cover
Cables, connectors, thermal pad, cover

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL386 (1) | XXXXX (2) . XIXXBB (1) . YYYYY (3)

1 Codice fisso / *Fixed code* CL386 _ XIXXBB

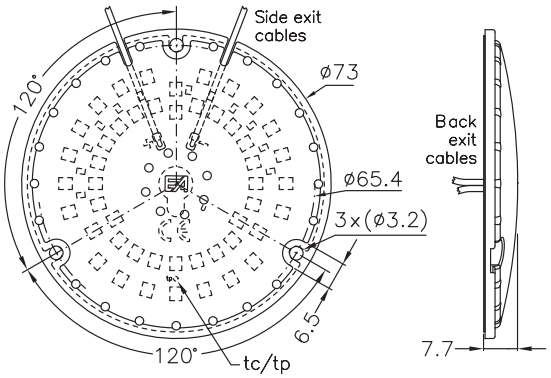
2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL386_XI_Y

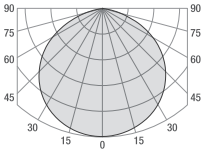


CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.2	7.8
500	22.8	11.4
700	23.5	16.5
900	24.1	21.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.8	1172	150		1017	130	
	11.4	1612	141		1416	124	
	16.5	2189	133		1936	117	
	21.7	2703	125	E	2408	111	F
3000K	7.8	1207	155		1052	135	
	11.4	1660	146		1465	129	
	16.5	2253	137		2003	121	
	21.7	2782	128	E	2491	115	F
4000K	7.8	1278	164		1052	135	
	11.4	1758	154		1465	129	
	16.5	2387	145		2003	121	
	21.7	2944	136	E	2491	115	F
6500K	7.8	1278	164				
	11.4	1758	154				
	16.5	2387	145				
	21.7	2944	136	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Trasparente / *Transparent*
Dimensions	Ø 73 mm x h 7.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL386 ❶ | XXXXX ❷ . XI ❶ | XX ❸ | YBB ❶ . YYYYY ❹

❶ Codice fisso / *Fixed code*	CL386 _ XI _ YBB

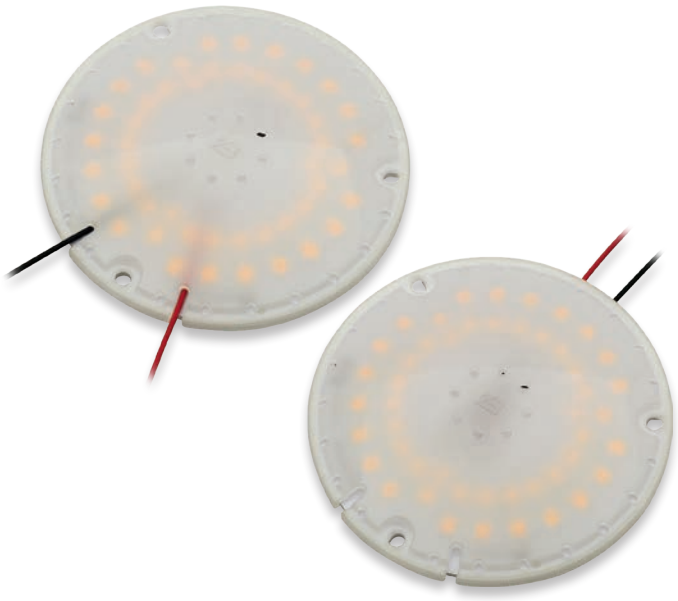
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

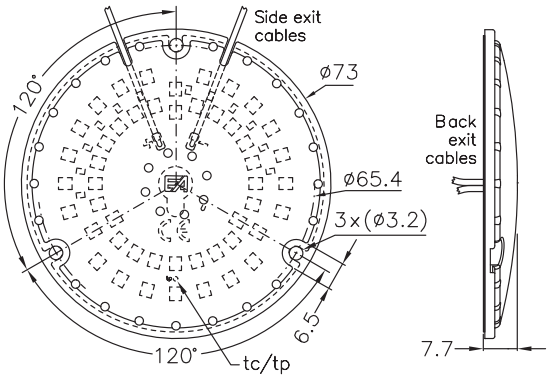
❸ Cavi / *Cables*	
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

❹ Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL386_XI_Z



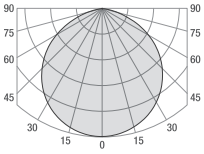


CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.2	7.8
500	22.8	11.4
700	23.5	16.5
900	24.1	21.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.8	1021	131		851	109	
	11.4	1404	123		1185	104	A-G F
	16.5	1906	116	A-G F			
3000K	7.8	1051	135		880	113	
	11.4	1445	127		1226	108	A-G F
	16.5	1962	119	A-G F			
4000K	7.8	1113	143		880	113	
	11.4	1531	134		1226	108	A-G F
	16.5	2078	126				
	21.7	2563	118	A-G F			
6500K	7.8	1113	143				
	11.4	1531	134				
	16.5	2078	126				
	21.7	2563	118	A-G F			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Satinata / *Frosted*
Dimensions	Ø 73 mm x h 7.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL386	XXXXX	.	XI	XX	ZBB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL386 _ XI _ ZBB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

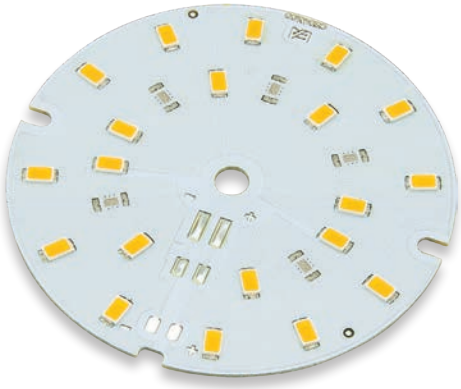
3 Cavi / *Cables*

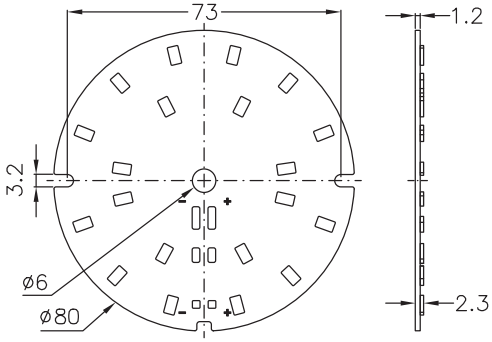
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL043_X1



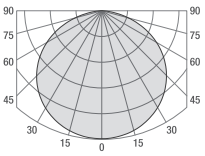


CC Input (mA)	V Typ (V)	Power Typ (W)
350	15.3	5.4
400	15.6	6.2
500	16	8

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.4	786	146		642	119	
	6.2	894	144	E	726	117	F
	8	1083	135		875	109	
3000K	5.4	786	146		668	124	
	6.2	894	144	E	756	122	E
	8	1083	135		911	114	
4000K	5.4	786	146		707	131	
	6.2	894	144	E	800	129	E
	8	1083	135		964	121	
5000K	5.4	794	147				
	6.2	903	146	E			
	8	1094	137				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED Q.ty	20
Dimensions	Ø 80 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettore / *Cables, thermal pad, connector*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL043 ❶ | XXXXX ❷ . X1XXAD ❶ . YYYYY ❸

❶ Codice fisso / *Fixed code*	CL043 _ X1XXAD

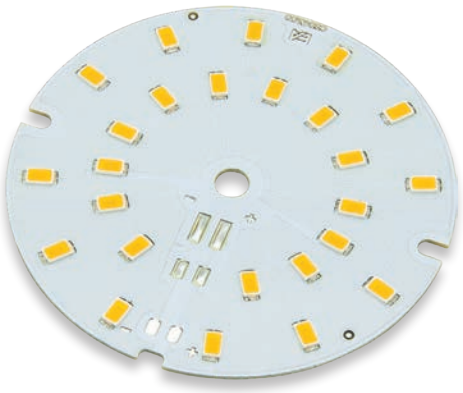
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

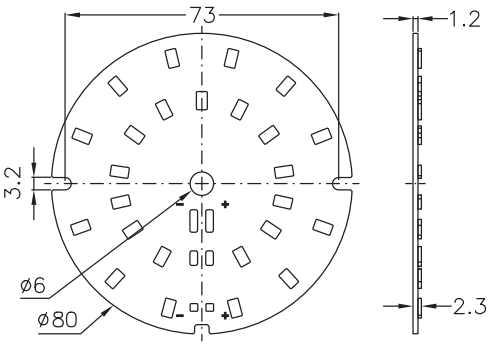
❸ Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL043_X2



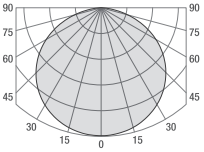


CC Input (mA)	V Typ (V)	Power Typ (W)
350	14.5	5.1
500	15	7.5
700	15.6	10.9

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.1	846	166		656	129	
	7.5	1170	156	D	908	121	E
	10.9	1556	143		1207	111	
3000K	5.1	846	166		683	134	
	7.5	1170	156	D	945	126	E
	10.9	1556	143		1257	115	
4000K	5.1	846	166		723	142	
	7.5	1170	156	D	1000	133	E
	10.9	1556	143		1330	122	
5000K	5.1	855	168				
	7.5	1183	158	D			
	10.9	1573	144				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED Q.ty	25
Dimensions	Ø 80 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettore / *Cables, thermal pad, connector*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL043 ❶ | XXXXX ❷ | . | X2XXAD ❶ | . | YYYYY ❸

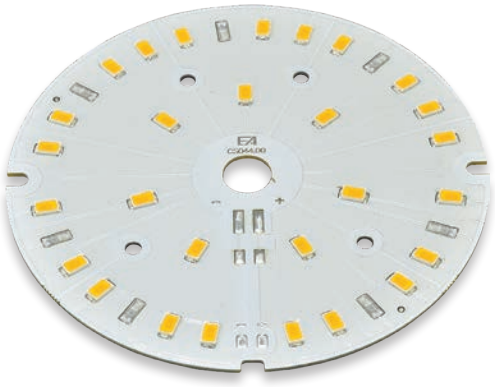
❶ **Codice fisso / *Fixed code*** CL043 _ X2XXAD

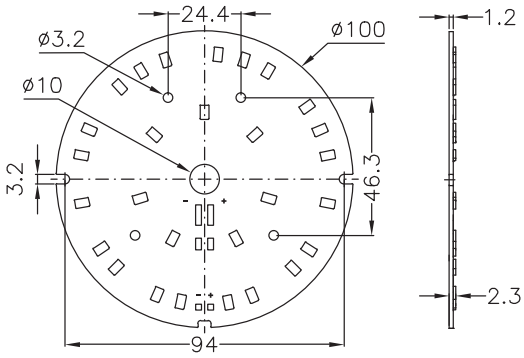
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL044_X1



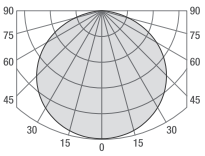


CC Input (mA)	V Typ (V)	Power Typ (W)
350	20.5	7.2
400	20.9	8.3
500	21.5	10.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.2	1158	161		854	119	
	8.3	1310	158	D	966	116	F
	10.7	1579	148		1164	109	
3000K	7.2	1158	161		889	123	
	8.3	1310	158	D	1005	121	E
	10.7	1579	148		1212	113	
4000K	7.2	1158	161		941	131	
	8.3	1310	158	D	1064	128	E
	10.7	1579	148		1282	120	
5000K	7.2	1171	163				
	8.3	1324	160	D			
	10.7	1596	149				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED Q.ty	28
Dimensions	Ø 100 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettore / *Cables, thermal pad, connector*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL044 ❶ | XXXXX ❷ | . | X1XXAD ❶ | . | YYYYY ❸

❶ Codice fisso / *Fixed code*	CL044 _ X1XXAD

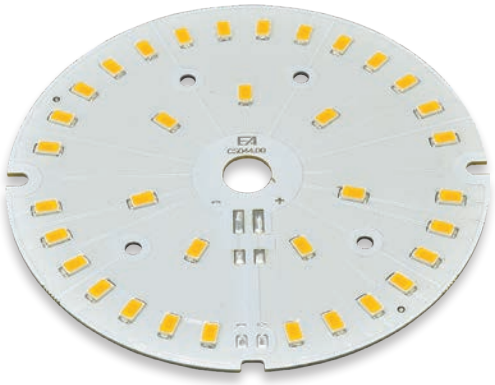
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

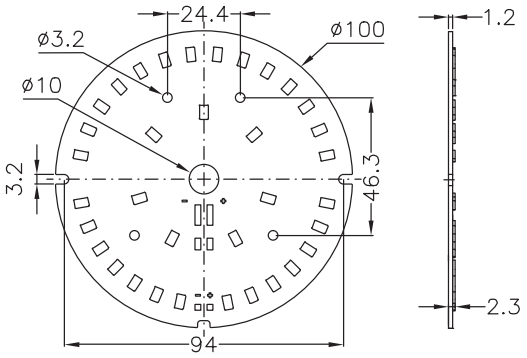
❸ Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL044_X2



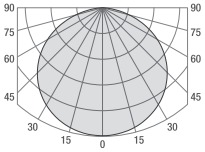


CC Input (mA)	V Typ (V)	Power Typ (W)
350	20.4	7.2
500	21.1	10.5
700	22	15.4

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.2	1184	164	D	919	128	E
	10.5	1638	156		1271	121	
	15.4	2179	141		1690	110	
3000K	7.2	1184	164	D	937	130	E
	10.5	1638	156		1283	122	
	15.4	2179	141		1707	111	
4000K	7.2	1184	164	D	1012	141	E
	10.5	1638	156		1400	133	
	15.4	2179	141		1862	121	
5000K	7.2	1197	166	D			
	10.5	1656	158				
	15.4	2202	143				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED Q.ty	35
Dimensions	Ø 100 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettore / *Cables, thermal pad, connector*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL044 ❶ | XXXXX ❷ . X2XXAD ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL044 _ X2XXAD

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL355_XI

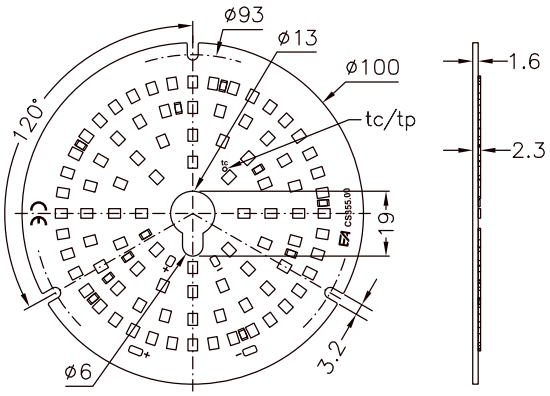
L70-B50 >70.000h @tc=90°C / TM21

CC

120°

3 SDCM

4



CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.5	7.9
500	22.9	11.4
700	23.4	16.4
900	23.9	21.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.9	1236	156		1033	131	
	11.4	1701	149		1428	125	
	16.4	2306	141	E	1943	118	F
	21.5	2881	134		2417	112	
3000K	7.9	1254	159		1033	131	
	11.4	1726	151		1428	125	
	16.4	2341	143	E	1943	118	F
	21.5	2923	136		2417	112	
4000K	7.9	1349	171		1170	148	
	11.4	1867	164		1618	142	
	16.4	2544	155	D	2202	134	E
	21.5	3162	147		2740	127	
5000K	7.9	1377	174				
	11.4	1895	166				
	16.4	2570	157	D			
	21.5	3210	149				

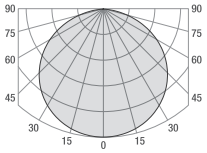
Attenzione / *Warning*

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	88
Dimensions	Ø 100 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL355 ❶ | XXXXX ❷ | . | XIXXBA ❶ | . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL355 _ XIXXBA

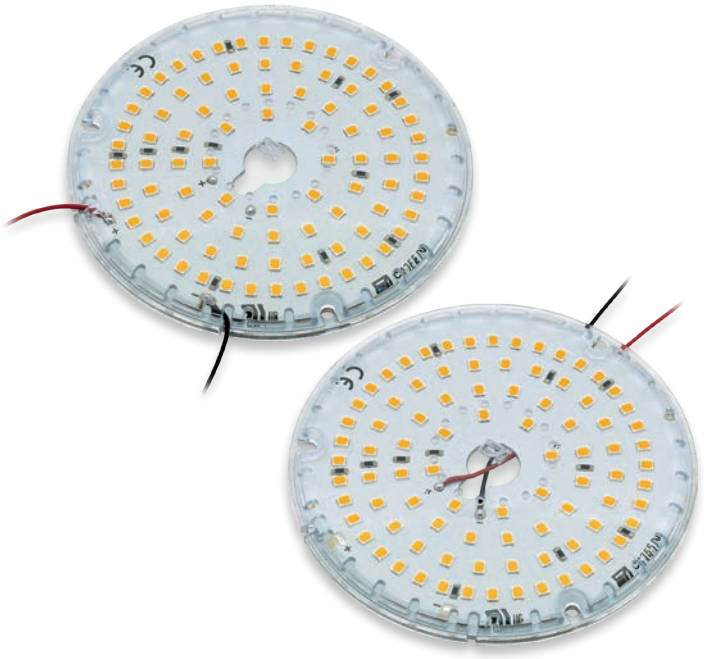
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

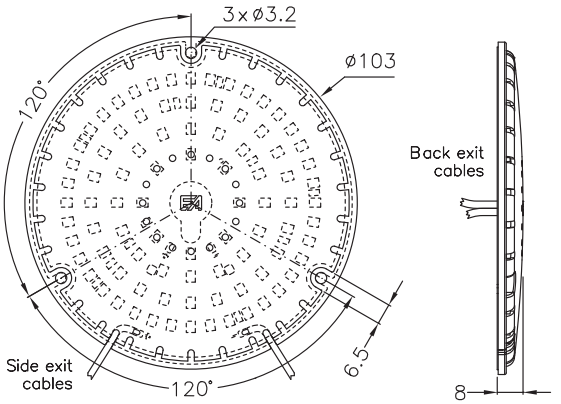
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL355_XI_Y



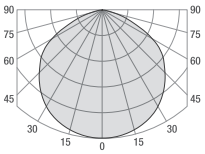


RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Trasparente / *Transparent*
Dimensions	Ø 103 mm x h 8 mm

CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.5	7.9
500	22.9	11.4
700	23.4	16.4
900	23.9	21.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.9	1137	144		950	120	
	11.4	1565	137		1327	116	
	16.4	2122	129	E	1826	111	F
	21.5	2650	123		2321	108	
3000K	7.9	1154	146		950	120	
	11.4	1588	139		1327	116	
	16.4	2153	131	E	1826	111	F
	21.5	2690	125		2321	108	
4000K	7.9	1241	157		1077	136	
	11.4	1717	151		1504	132	
	16.4	2341	143	E	2069	126	E
	21.5	2909	135		2630	122	
5000K	7.9	1267	160				
	11.4	1743	153				
	16.4	2364	144	E			
	21.5	2953	137				

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL355	XXXXX	.	XI	XX	YBA	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL355 _ XI _ YBA

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Cavi / *Cables*

Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL355_XI_Z

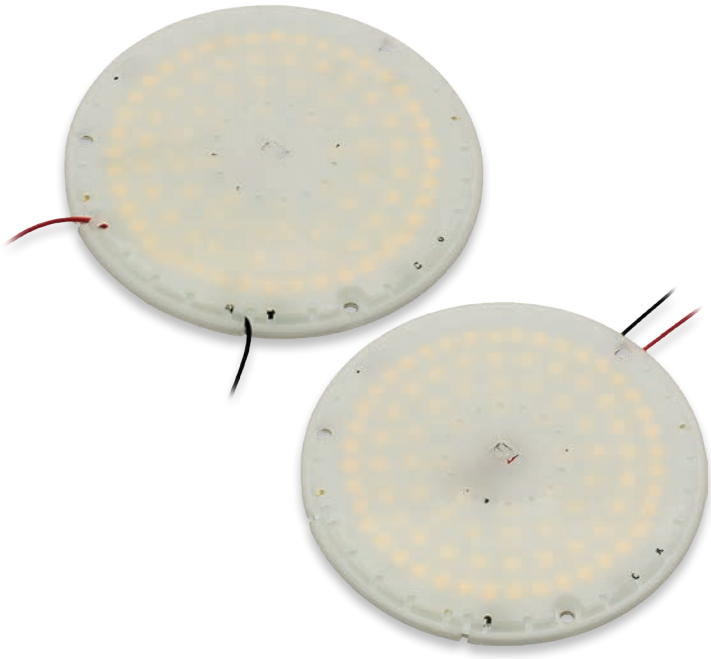
L70-B50 >70.000h @tc=90°C / TM21

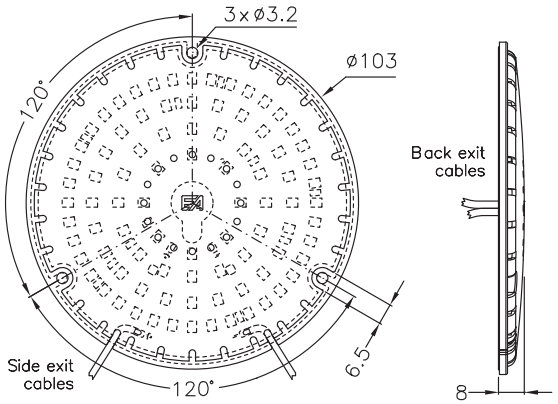
CC

120°

3 SDCM

4

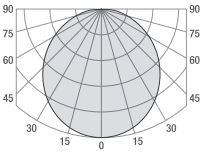




RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Satinata / *Frosted*
Dimensions	Ø 103 mm x h 8 mm

CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.5	7.9
500	22.9	11.4
700	23.4	16.4
900	23.9	21.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.9	1038	131		867	110	
	11.4	1429	125		1199	105	F
	16.4	1937	118	F			
	21.5	2420	113				
3000K	7.9	1053	133		867	110	
	11.4	1450	127		1199	105	F
	16.4	1966	120	E			
	21.5	2456	114				
4000K	7.9	1133	143		983	124	
	11.4	1568	138		1359	119	
	16.4	2137	130	E	1849	113	F
	21.5	2656	124		2301	107	
5000K	7.9	1156	146				
	11.4	1592	140				
	16.4	2159	132	E			
	21.5	2696	125				



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL355 ❶ | XXXXX ❷ | . | XI ❶ | XX ❸ | ZBA ❶ | . | YYYYY ❹

❶ **Codice fisso / *Fixed code***	CL355 _ XI _ ZBA	
❷ **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903*
3000K	30803	30903*
4000K	40803	40903
5000K	50803	/

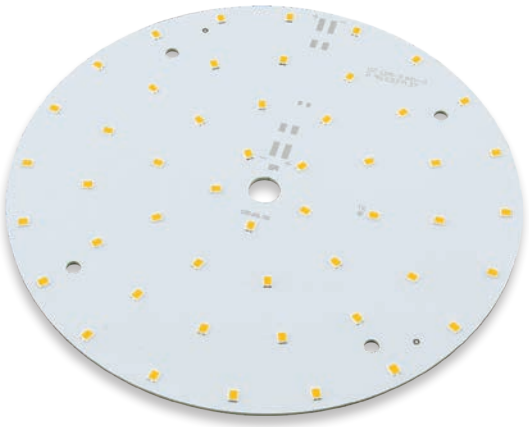
**Max 500mA*

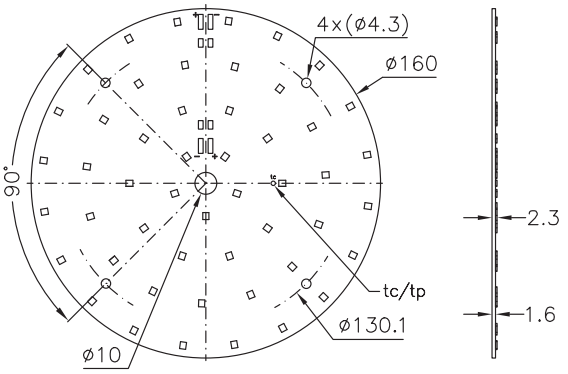
❸ **Cavi / *Cables***	
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

❹ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL168_BA



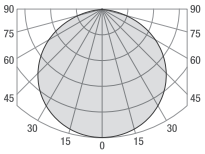


CC Input (mA)	V Typ (V)	Power Typ (W)
350	14.1	4.9
500	14.5	7.3
600	14.8	8.9
700	15	10.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	4.9	764	156		676	138	
	7.3	1070	147		945	129	
	8.9	1260	142	E	1125	126	E
	10.5	1444	138		1296	123	
3000K	4.9	808	165		676	138	
	7.3	1131	155		945	129	
	8.9	1332	150	D	1125	126	E
	10.5	1526	145		1296	123	
4000K	4.9	852	174		766	156	
	7.3	1193	163		1071	147	
	8.9	1404	158	D	1275	143	E
	10.5	1609	153		1469	140	
5000K	4.9	852	174				
	7.3	1193	163				
	8.9	1404	158	D			
	10.5	1609	153				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	50
Dimensions	Ø 160 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL168 ❶ | XXXXX ❷ . XXXBA ❶ . YYYYY ❸

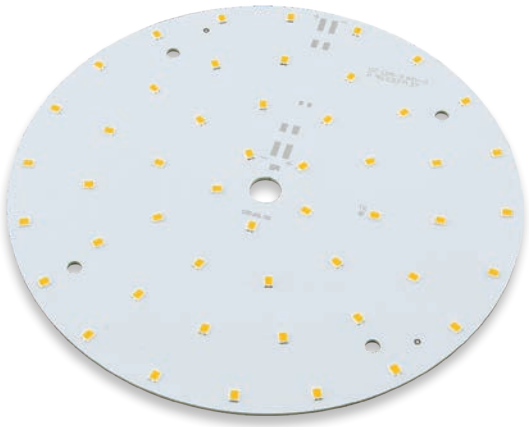
❶ **Codice fisso / *Fixed code*** CL168 _ XXXBA

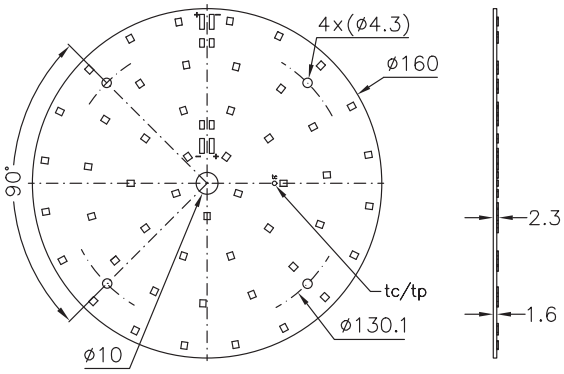
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL168_BB



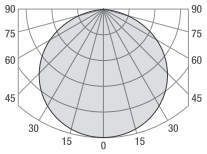


CC Input (mA)	V Typ (V)	Power Typ (W)
350	13.7	4.8
500	14	7
700	14.3	10
1050	14.8	15.5
1400	15.2	21.3
1500	15.3	23

		CRI>80			CRI>90		
CCT	Power Typ (W)	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	4.8	801	167		713	149	
	7	1123	160		1009	144	
	10	1540	154		1398	140	
	15.5	2222	143		2059	133	
	21.3	2884	135		2581	121	
	23	3067	133	E	2755	120	E
3000K	4.8	868	181		738	154	
	7	1230	176		1044	149	
	10	1669	167		1446	145	
	15.5	2434	157		2130	137	
	21.3	3093	145		2670	125	
	23	3255	142	E	2850	124	E
4000K	4.8	893	186		738	154	
	7	1265	181		1044	149	
	10	1717	172		1446	145	
	15.5	2503	161		2130	137	
	21.3	3181	149		2670	125	
	23	3348	146	E	2850	124	E
6500K	4.8	893	186				
	7	1265	181				
	10	1717	172				
	15.5	2503	161				
	21.3	3181	149				
	23	3348	146	E			

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	50
Dimensions	Ø 160 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL168 ❶ | XXXXX ❷ . XXXBB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL168 _ XXXBB

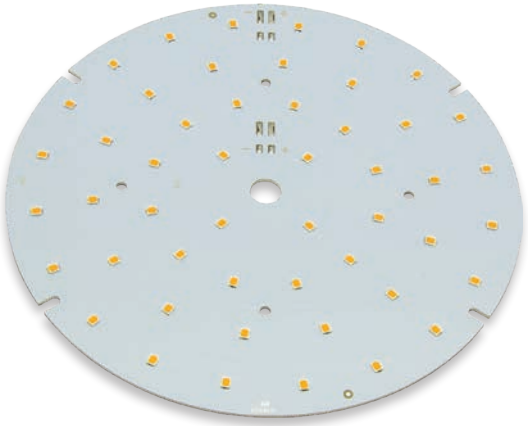
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

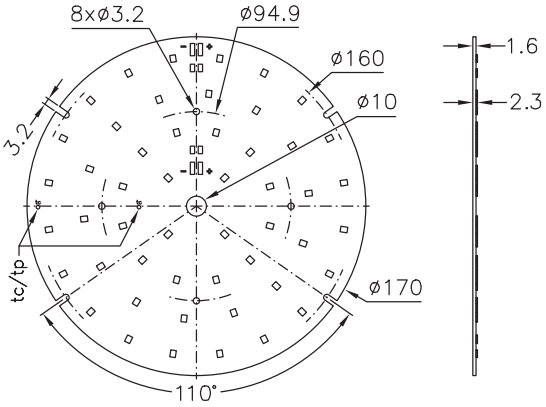
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL122



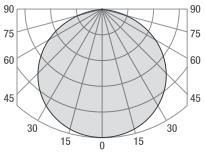


CC Input (mA)	V Typ (V)	Power Typ (W)
350	28,2	9.9
500	29	14.5
700	30	21
750	30.3	22.7
900	31	27.9

		CRI>80			CRI>90		
CCT	Power Typ (W)	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	9.9	1604	162		1398	141	
	14.5	2220	153		1963	135	
	21	2972	142		2636	126	
	22.7	3162	139	A-G E	2784	123	A-G E
	27.9	3681	132		3256	117	
3000K	9.9	1652	167		1446	146	
	14.5	2285	158		2031	140	
	21	3060	146		2811	134	
	22.7	3255	143	A-G E	3000	132	A-G E
	27.9	3789	136		3440	123	
4000K	9.9	1699	172		1446	146	
	14.5	2350	162		2031	140	
	21	3147	150		2811	134	
	22.7	3348	147	A-G D	3000	132	A-G E
	27.9	3897	140		3440	123	
6500K	9.9	1807	183				
	14.5	2527	174				
	21	3452	164				
	22.7	3690	163	A-G D			
	27.9	4316	155				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	50
Dimensions	Ø 170 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL122 ❶ | XXXXX ❷ . XXXBB ❶ . YYYYY ❸

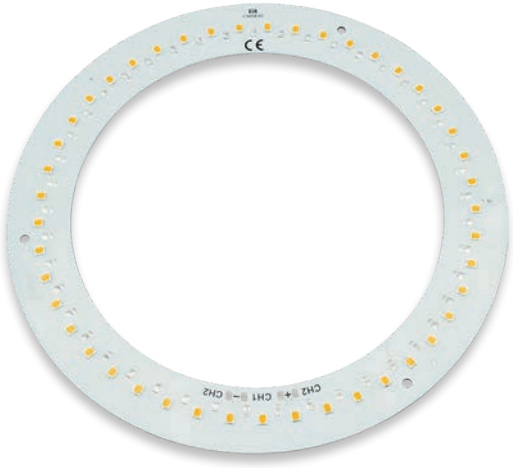
❶ **Codice fisso / *Fixed code*** CL122 _ XXXBB

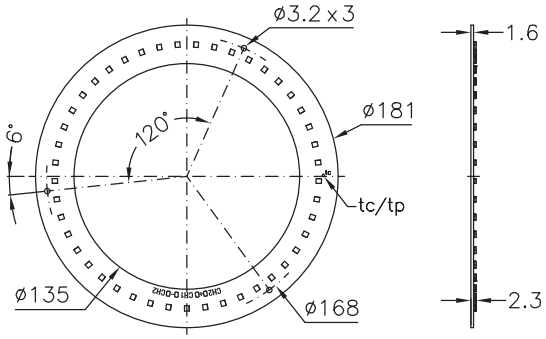
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL038_X1



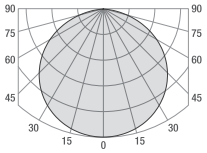


CC Input (mA)	V Typ (V)	Power Typ (W)
350	25.2	8.8
500	25.9	13
700	26.7	18.7
750	26.9	20.2
900	27.5	24.7
1050	27.9	29.3

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	45
Dimensions	Ø 181 mm x h 2.3 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	8.8	1444	164		1183	134	
	13	2019	155		1661	128	
	18.7	2675	143		2274	122	
	20.2	2846	141	E	2427	120	E
	24.7	3277	133		2838	115	
	29.3	3704	126		3235	110	
3000K	8.8	1486	169		1223	139	
	13	2079	160		1718	132	
	18.7	2754	147		2353	126	
	20.2	2930	145	E	2511	124	E
	24.7	3373	137		2936	119	
	29.3	3812	130		3346	114	
4000K	8.8	1529	174		1223	139	
	13	2138	164		1718	132	
	18.7	2832	151		2353	126	
	20.2	3013	149	D	2511	124	E
	24.7	3470	140		2936	119	
	29.3	3921	134		3346	114	
6500K	8.8	1529	174				
	13	2138	164				
	18.7	2832	151				
	20.2	3013	149	D			
	24.7	3470	140				
	29.3	3921	134				

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL038 ❶ | XXXXX ❷ . X1XXBB ❶ . YYYYY ❸

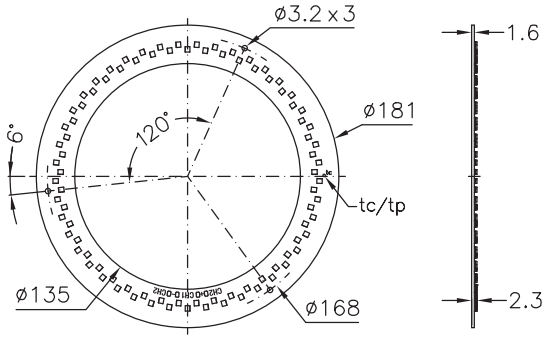
❶ **Codice fisso / *Fixed code*** CL038 _ X1XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL038_X2

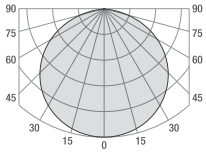


CC Input (mA) Ch1 / Ch2		V Typ (V) Ch1 / Ch2		Power Typ (W) Ch1 / Ch2	
350	350	25.7	25.7	9	9
500	500	26.4	26.4	13.2	13.2
700	700	27.2	27.2	19	19
750	750	27.4	27.4	20.5	20.5
900	900	28	28	25.2	25.2
1050	1050	28.4	28.4	29.9	29.9

CCT	Power Typ (W) Ch1 + Ch2	CRI>80 / Ch1 + Ch2			CRI>90 / Ch1 + Ch2		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	18	2734	152		2239	124	
	26.4	3854	146		3170	120	
	38.1	5062	133		4304	113	
	41.1	5386	131	E	4594	112	F
	50.4	6269	124				
	59.7	7114	119				
3000K	18	2815	156		2316	129	
	26.4	3967	150		3279	124	
	38.1	5211	137		4453	117	
	41.1	5544	135	E	4752	116	F
	50.4	6453	128		5617	111	
	59.7	7323	123				
4000K	18	2895	161		2316	129	
	26.4	4080	155		3279	124	
	38.1	5360	141		4453	117	
	41.1	5702	139	E	4752	116	F
	50.4	6638	132		5617	111	
	59.7	7532	126				
6500K	18	2895	161				
	26.4	4080	155				
	38.1	5360	141				
	41.1	5702	139	E			
	50.4	6638	132				
	59.7	7532	126				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	90 (45+45)
Dimensions	Ø 181 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Nota tecnica / *Technical note*

La scheda LED è composta da due circuiti indipendenti che possono essere alimentati separatamente o contemporaneamente per singola o doppia accensione.
Un driver per ogni singolo circuito da 45 LED.

The LED board is composed of two independent circuits that can be powered separately or simultaneously for single or double ignition. One driver for single circuit of 45 LEDs.

Accessori / *Accessories*

Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*

Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL038 ❶ | XXXXX ❷ . X2XXBB ❶ . YYYYY ❸

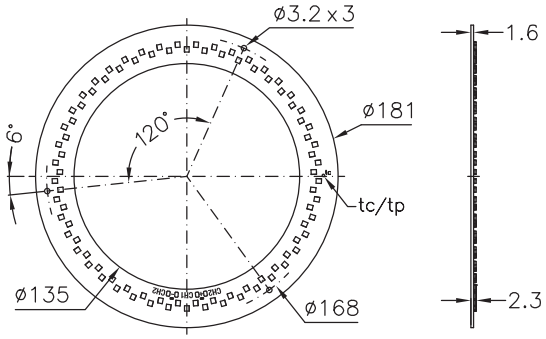
❶ Codice fisso / *Fixed code*	CL038 _ X2XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL038_X3

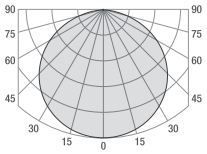


CC Input (mA)	V Typ (V)	Power Typ (W)
700	25.2	17.6
1000	25.9	25.9
1400	26.7	37.4
1500	26.9	40.4
1800	27.5	49.4
2100	27.9	58.6

		CRI>80			CRI>90		
CCT	Power Typ (W)	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	17.6	2816	160		2315	132	
	25.9	3917	151		3186	123	
	37.4	5216	139		4276	114	
	40.4	5549	137	E	4514	112	F
	49.4	6390	129		5220	106	
	58.6	7222	123		5920	101	
3000K	17.6	2973	169		2603	148	
	25.9	4157	161		3583	138	
	37.4	5507	147		4756	127	
	40.4	5859	145	E	5076	126	E
	49.4	6747	137		6000	121	
	58.6	7625	130		6730	115	
4000K	17.6	3027	172		2603	148	
	25.9	4233	163		3583	138	
	37.4	5552	148		4756	127	
	40.4	5906	146	D	5076	126	E
	49.4	6801	138		6000	121	
	58.6	7686	131		6730	115	
6500K	17.6	3058	174				
	25.9	4276	165				
	37.4	5665	151				
	40.4	5906	146	D			
	49.4	6939	140				
	58.6	7843	134				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	90
Dimensions	Ø 181 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Nota tecnica / *Technical note*
La scheda LED va alimentata con un singolo driver.
LED board is powered by single driver.

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL038 ❶ | XXXXX ❷ . X3XXBB ❶ . YYYYY ❸

❶ Codice fisso / *Fixed code*	CL038 _ X3XXBB

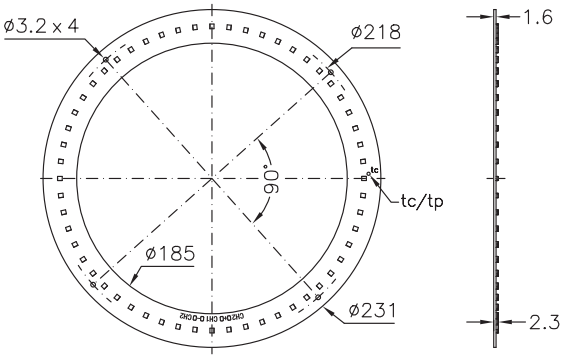
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL039_X1

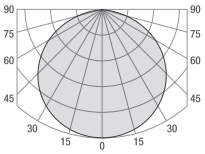


CC Input (mA)	V Typ (V)	Power Typ (W)
350	22	7.7
500	22.4	11.2
700	23.3	16.3
900	23.4	21.1
1050	23.8	24.9
1400	24.5	34.3

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	56
Dimensions	Ø 231 mm x h 2.3 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.7	1258	163		1062	138	
	11.2	1741	155		1499	134	
	16.3	2362	145		2045	125	
	21.1	2933	139		2582	122	
	24.9	3327	134	E	2956	119	F
	34.3	4195	122		3803	111	
3000K	7.7	1363	177		1099	143	
	11.2	1887	168		1551	138	
	16.3	2559	157		2115	130	
	21.1	3145	149		2671	127	
	24.9	3567	143	E	3058	123	E
	34.3	4498	131		3934	115	
4000K	7.7	1402	182		1099	143	
	11.2	1941	173		1551	138	
	16.3	2632	161		2115	130	
	21.1	3235	153		2671	127	
	24.9	3669	147	D	3058	123	E
	34.3	4627	135		3934	115	
6500K	7.7	1402	182				
	11.2	1941	173				
	16.3	2632	161				
	21.1	3235	153				
	24.9	3669	147	D			
	34.3	4627	135				

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL039 ❶ | XXXXX ❷ | . | X1XXBB ❶ | . | YYYYY ❸

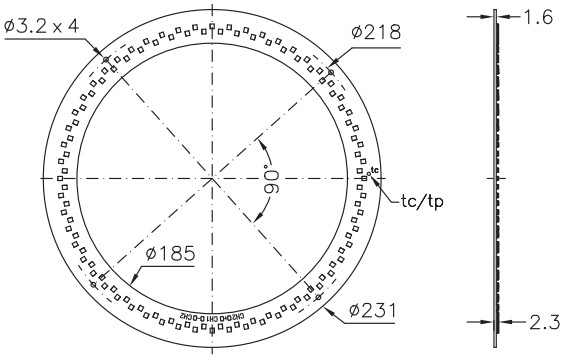
❶ **Codice fisso / *Fixed code*** CL039 _ X1XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL039_X2

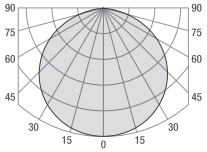


CC Input (mA) Ch1 / Ch2		V Typ (V) Ch1 / Ch2		Power Typ (W) Ch1 / Ch2	
350	350	22.5	22.5	7.9	7.9
500	500	23	23	11.5	11.5
700	700	23.6	23.6	16.5	16.5
900	900	24.3	24.3	21.9	21.9
1050	1050	24.7	24.7	26	26
1400	1400	25.8	25.8	36.1	36.1

CCT	Power Typ (W) Ch1 + Ch2	CRI>80 / Ch1 + Ch 2			CRI>90 / Ch1 + Ch 2		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	15.7	2577	164		2012	128	
	23	3594	156		2861	124	
	33	4834	146		3870	117	
	43.8	6005	137		4939	113	
	51.9	6839	132	E	5700	110	F
	72.1	8481	118				
3000K	15.7	2582	164		2081	133	
	23	3601	157		2960	129	
	33	4843	147		4004	121	
	43.8	6016	137		5109	117	
	51.9	6852	132	E	5873	113	F
	72.1	8497	118				
4000K	15.7	2655	169		2081	133	
	23	3704	161		2960	129	
	33	4982	151		4004	121	
	43.8	6188	141		5109	117	
	51.9	7048	136	E	5873	113	F
	72.1	8739	121				
6500K	15.7	2655	169				
	23	3704	161				
	33	4982	151				
	43.8	6188	141				
	51.9	7048	136	E			
	72.1	8739	121				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	112 (56+56)
Dimensions	Ø 231 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Nota tecnica / *Technical note*
La scheda LED è composta da due circuiti indipendenti che possono essere alimentati separatamente o contemporaneamente per singola o doppia accensione.
Un driver per ogni singolo circuito da 56 LED.

The LED board is composed of two independent circuits that can be powered separately or simultaneously for single or double ignition. One driver for single circuit of 56 LEDs.

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL039 ❶ | XXXXX ❷ | . | X2XXBB ❶ | . | YYYYY ❸

❶ Codice fisso / *Fixed code*	CL039 _ X2XXBB

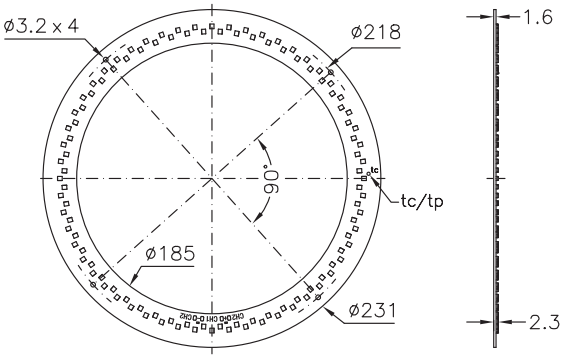
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL039_X3

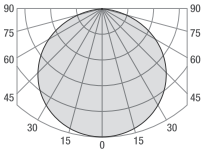


CC Input (mA)	V Typ (V)	Power Typ (W)
700	22.1	15.5
1000	22.6	22.6
1400	23.2	32.5
1800	23.6	42.5
2100	24	50.4
2800	24.8	69.4

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	15.5	2592	167		2125	137	
	22.6	3587	159		2988	132	
	32.5	4812	148		4090	126	
	42.5	5977	141		5164	122	
	50.4	6854	136	E	5911	117	F
	69.4	8545	123		7606	110	
3000K	15.5	2669	172		2198	142	
	22.6	3693	163		3102	137	
	32.5	4953	152		4231	130	
	42.5	6153	145		5342	126	
	50.4	7056	140	E	6115	121	E
	69.4	8796	127		7868	113	
4000K	15.5	2745	177		2198	142	
	22.6	3798	168		3102	137	
	32.5	5095	157		4231	130	
	42.5	6329	149		5342	126	
	50.4	7258	144	E	6115	121	E
	69.4	9048	130		7868	113	
6500K	15.5	2745	177				
	22.6	3798	168				
	32.5	5095	157				
	42.5	6329	149				
	50.4	7258	144	E			
	69.4	9048	130				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	112
Dimensions	Ø 231 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Nota tecnica / *Technical note*
La scheda LED va alimentata con un singolo driver.
LED board is powered by single driver.

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL039 (1) | XXXXX (2) . X3XXBB (1) . YYYYY (3)

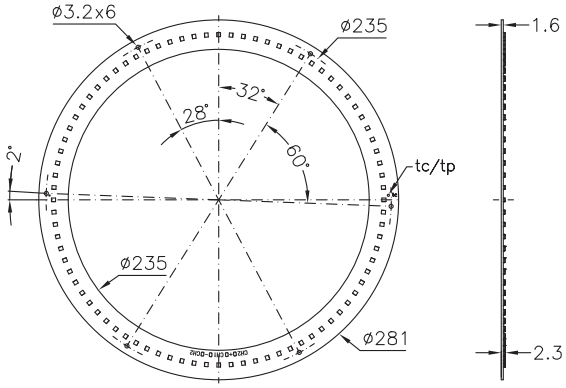
1 Codice fisso / *Fixed code* CL039 _ X3XXBB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL040_X1

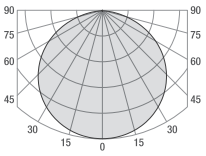


CC Input (mA)	V Typ (V)	Power Typ (W)
350	33	11.6
500	33.7	16.8
700	34.8	24.4
900	35.1	31.6
1050	35.8	37.5
1400	36.8	51.6

		CRI>80			CRI>90		
CCT	Power Typ (W)	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	11.6	1947	168		1594	137	
	16.8	2694	160		2249	134	
	24.4	3655	150		3067	126	
	31.6	4537	144		3873	123	
	37.5	5146	137	E	4434	118	F
	51.6	6358	123		5705	111	
3000K	11.6	2045	176		1649	142	
	16.8	2830	168		2326	138	
	24.4	3839	157		3173	130	
	31.6	4717	149		4006	127	
	37.5	5351	143	E	4586	122	E
	51.6	6747	131		5901	114	
4000K	11.6	2103	181		1682	145	
	16.8	2911	173		2373	141	
	24.4	3948	162		3237	133	
	31.6	4852	154		4086	129	
	37.5	5504	147	D	4678	125	E
	51.6	6940	134		6019	117	
6500K	11.6	2103	181				
	16.8	2911	173				
	24.4	3948	162				
	31.6	4852	154				
	37.5	5504	147	D			
	51.6	6940	134				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	84
Dimensions	Ø 281 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL040 ❶ | XXXXX ❷ | . | X1XXBB ❶ | . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL040 _ X1XXBB

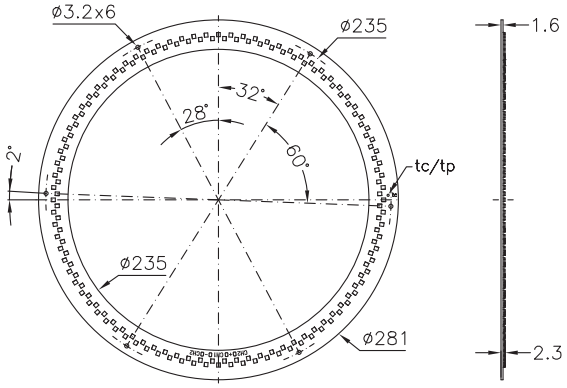
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL040_X2

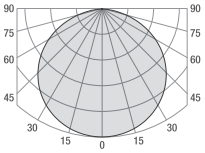


CC Input (mA) Ch1 / Ch2		V Typ (V) Ch1 / Ch2		Power Typ (W) Ch1 / Ch2	
350	350	33.2	33.2	11.6	11.6
500	500	34	34	17	17
700	700	35	35	24.5	24.5
900	900	35.9	35.9	32.3	32.3
1050	1050	36.6	36.6	38.4	38.4
1400	1400	38	38	53.3	53.3

CCT	Power Typ (W) Ch1 + Ch2	CRI>80 / Ch1 + Ch2			CRI>90 / Ch1 + Ch2		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	23.3	3677	158		2950	127	
	34	5176	152		4234	125	
	49.1	7017	143		5772	118	
	64.6	8667	134		7156	111	A F
	76.9	9825	128	A E			
	106.5	12381	116				
3000K	23.3	3786	162		3052	131	
	34	5329	157		4380	129	
	49.1	7224	147		5971	122	
	64.6	8922	138		7577	117	
	76.9	10114	132	A E	8568	111	A F
	106.5	12745	120				
4000K	23.3	3894	167		3052	131	
	34	5481	161		4380	129	
	49.1	7430	151		5971	122	
	64.6	9177	142		7577	117	
	76.9	10403	135	A E	8568	111	A F
	106.5	13109	123				
6500K	23.3	3894	167				
	34	5481	161				
	49.1	7430	151				
	64.6	9177	142				
	76.9	10403	135	A E			
	106.5	13109	123				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	168 (84+84)
Dimensions	Ø 281 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Nota tecnica / *Technical note*
La scheda LED è composta da due circuiti indipendenti che possono essere alimentati separatamente o contemporaneamente per singola o doppia accensione.
Un driver per ogni singolo circuito da 84 LED.

The LED board is composed of two independent circuits that can be powered separately or simultaneously for single or double ignition. One driver for single circuit of 84 LEDs.

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL040 ❶ | XXXXX ❷ | . | X2XXBB ❶ | . | YYYYY ❸

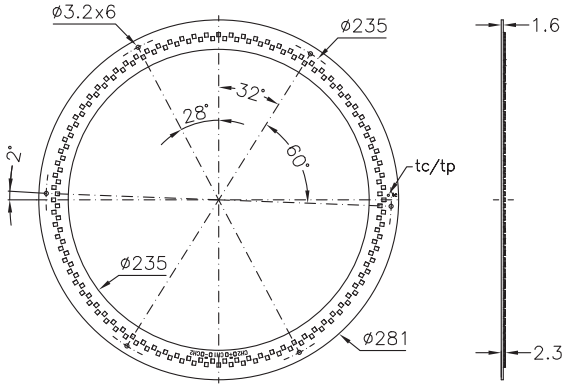
❶ **Codice fisso / *Fixed code*** CL040 _ X2XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL040_X3

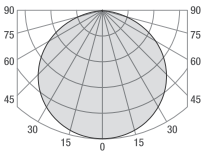


CC Input (mA)	V Typ (V)	Power Typ (W)
700	33	23.1
1000	33.7	33.7
1400	34.6	48.4
1800	35.1	63.2
2100	35.8	75.1
2800	37.2	104.2

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	23.1	3804	165		3052	132	
	33.7	5264	156		4282	127	
	48.4	7097	147		5772	119	
	63.2	8667	137		7156	113	F
	75.1	9916	132	E			
	104.2	12526	120				
3000K	23.1	3916	170		3508	152	
	33.7	5419	161		4875	145	
	48.4	7306	151		6585	136	
	63.2	8922	141		8230	130	
	75.1	9937	132	E	9274	123	E
	104.2	12895	124		11803	113	
4000K	23.1	4028	174		3508	152	
	33.7	5574	165		4875	145	
	48.4	7515	155		6585	136	
	63.2	9177	145		8230	130	
	75.1	10221	136	E	9274	123	E
	104.2	13263	127		11803	113	
6500K	23.1	4028	174				
	33.7	5574	165				
	48.4	7515	155				
	63.2	9177	145				
	75.1	10221	136	E			
	104.2	13263	127				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	168
Dimensions	Ø 281 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Nota tecnica / *Technical note*
La scheda LED va alimentata con un singolo driver.
LED board is powered by single driver.

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL040 ❶ | XXXXX ❷ | . | X3XXBB ❶ | . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL040 _ X3XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL345_XI

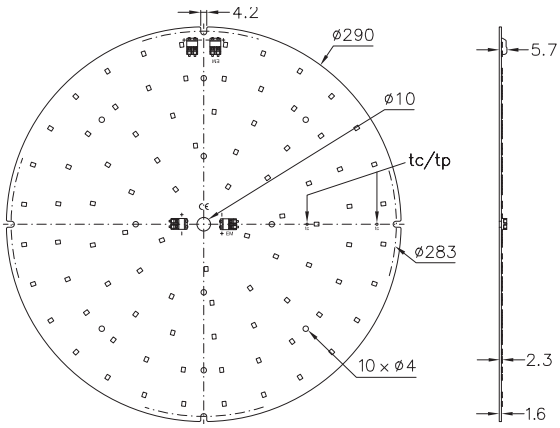
L70-B50 >85.000h @tc=90°C / TM21

CC

120°

3 SDCM

1



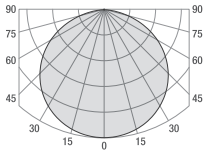
CC Input (mA)	V Typ (V)	Power Typ (W)
350	27.8	9.7
500	28.4	14.2
700	29	20.3
1050	30	31.5
1200	30.5	36.6

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	9.7	1639	169		1411	145	
	14.2	2279	160		2009	141	
	20.3	3110	153		2715	134	
	31.5	4426	141		3929	125	
	36.6	4923	135	A-G E	4376	120	A-G E
3000K	9.7	1645	170		1459	150	
	14.2	2288	161		2078	146	
	20.3	3121	154		2866	141	
	31.5	4442	141		4234	134	
	36.6	4941	135	A-G E	4800	131	A-G E
4000K	9.7	1736	179		1459	150	
	14.2	2414	170		2078	146	
	20.3	3293	162		2866	141	
	31.5	4686	149		4234	134	
	36.6	5213	142	A-G E	4800	131	A-G E
6500K	9.7	1736	179				
	14.2	2414	170				
	20.3	3293	162				
	31.5	4686	149				
	36.6	5213	142	A-G E			

Emergenza / *Emergency*	CCT	CC Input (mA)	V Typ (V)	Power Typ (W)	lm Typ CRI>80	lm Typ CRI>90
	2700K	350	2.9	1	163	131
		500	3	1.5	224	184
		700	3.1	2.2	304	255
	3000K	350	2.9	1	168	136
		500	3	1.5	230	191
		700	3.1	2.2	313	264
	4000K	350	2.9	1	172	136
		500	3	1.5	237	191
		700	3.1	2.2	322	264
	6500K	350	2.9	1	172	
		500	3	1.5	237	
		700	3.1	2.2	322	

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	80 + 6 Emergency
Dimensions	Ø 290 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connetori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL345	XXXXX	.	XX	XXBB	.	YYYYY
1	2		3	1		4

1 Codice fisso / *Fixed code* CL345 _ XXBB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Emergenza / *Emergency*

NO	XI
SI / *YES*	XE

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL096

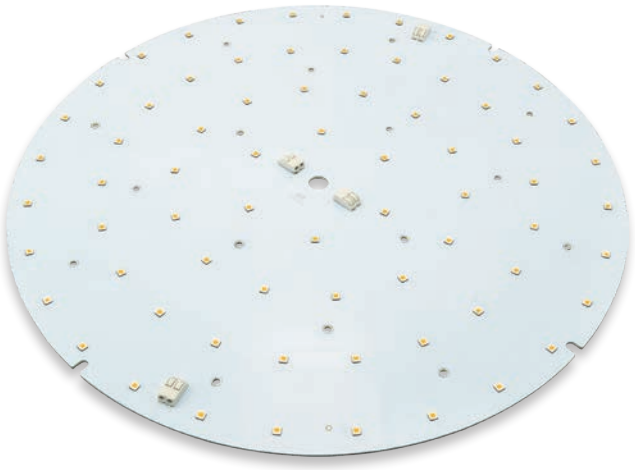
L70-B50 >150.000h @tc=90°C / TM21

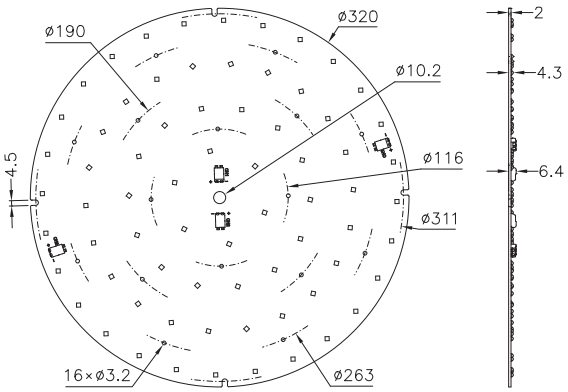
CC

120°

3 SDCM

1



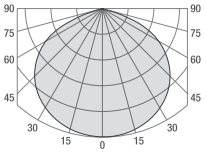


CC Input (mA) Ch1 / Ch2		V Typ (V) Ch1 / Ch2		Power Typ (W) Ch1 / Ch2	
350	350	99	99	34.6	34.6
500	500	102	102	51	51
700	700	105	105	73.5	73.5

CCT	Power Typ (W) Ch1 + Ch2	CRI>80 / Ch1 + Ch2 lm Typ	CRI>80 / Ch1 + Ch2 lm/W	CRI>80 / Ch1 + Ch2 Energy efficiency	CRI>90 / Ch1 + Ch2 lm Typ	CRI>90 / Ch1 + Ch2 lm/W	CRI>90 / Ch1 + Ch2 Energy efficiency
2700K	69.3	10893	157				
	102	14957	147				
	147	19849	135	E			
3000K	69.3	11199	162		8710	126	
	102	15677	154		12194	120	
	147	20408	139	E	16590	113	F
4000K	69.3	11963	173		9335	135	
	102	16426	161		13068	128	
	147	21799	148	D	17780	121	E
5700K	69.3	12230	176				
	102	16793	165				
	147	22287	152	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	70 (35 x 2 Ch)
Dimensions	Ø 320 mm x h 6.4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Nota tecnica / *Technical note*

Composta da due circuiti LED indipendenti che possono essere alimentati separatamente o contemporaneamente per accensione singola o doppia. Un driver per ogni singolo circuito da 35 LED.

Composed of two independent LED circuits that can be powered separately or simultaneously for single or double ignition. One driver for single circuit of 35 LEDs.

Accessori / *Accessories*

Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*

Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL096	XXXXX	.	XJXAB	.	YYYYY
1	2		1		3

1	**Codice fisso / *Fixed code***	CL096 _ XJXAB

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	/
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL443_XI

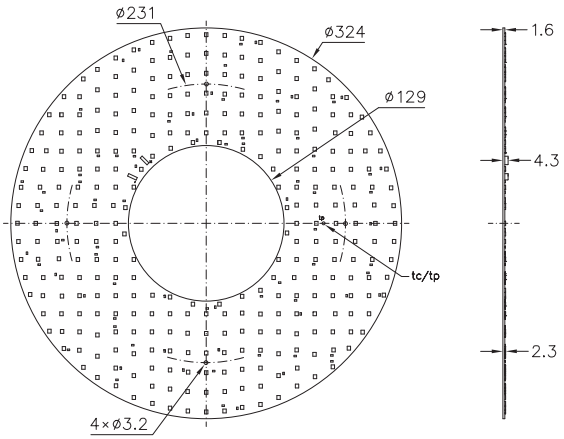
L70-B50 >180.000h @tc=75°C / TM21

CC

120°

3 SDCM

1

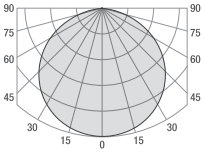


CC Input (mA)	V Typ (V)	Power Typ (W)
700	21.9	15.3
1400	22.7	31.8
1800	23	41.5
2400	23.5	56.4

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	15.3	2478	162		2081	136	
	31.8	4740	149		3980	125	
	41.5	5944	143		4991	120	
	56.4	7605	135	E	6385	113	F
3000K	15.3	2571	168		2174	142	
	31.8	4919	155		4159	131	
	41.5	6168	149		5215	126	
	56.4	7892	140	E	6672	118	F
4000K	15.3	2712	177		2314	151	
	31.8	5187	163		4427	139	
	41.5	6505	157		5551	134	
	56.4	8322	148	D	7103	126	E
5000K	15.3	2758	180		2361	154	
	31.8	5277	166		4516	142	
	41.5	6617	159		5663	136	
	56.4	8466	150	D	7246	128	E

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	312
Dimensions	Ø 324 mm x h 4.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

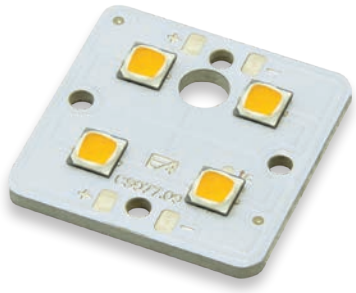
Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

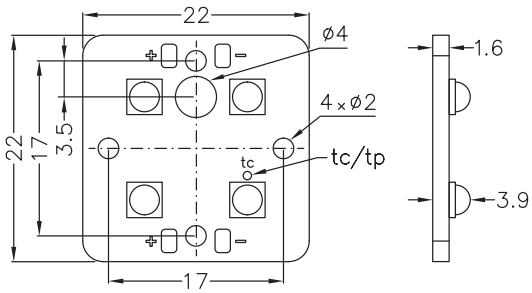
CL443 ① | XXXXX ② | . | XIFXLA ① | . | YYYYY ③

① **Codice fisso / *Fixed code***	CL443 _ XIFXLA	
② **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903
③ **Variante cavo / *Cable variants***		
Da definire in fase d'ordine / *To be chosen when ordering*		

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL077



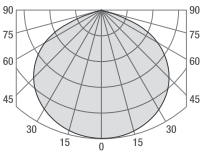


CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.1	3.9
500	11.3	5.6
700	11.4	8

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.9	599	154		468	120	
	5.6	838	150		656	117	
	8	1140	143	E	892	112	F
3000K	3.9	628	161		498	128	
	5.6	879	157		697	124	
	8	1148	144	E	948	118	F
4000K	3.9	657	168		533	137	
	5.6	920	164		747	133	
	8	1252	157	D	1016	127	E
5700K	3.9	672	172				
	5.6	941	168				
	8	1280	160	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Dimensions	22 x 22 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL077 (1) | XXXXX (2) . XXXAB (1) . YYYYY (3)

1 Codice fisso / *Fixed code* CL077 _ XXXAB

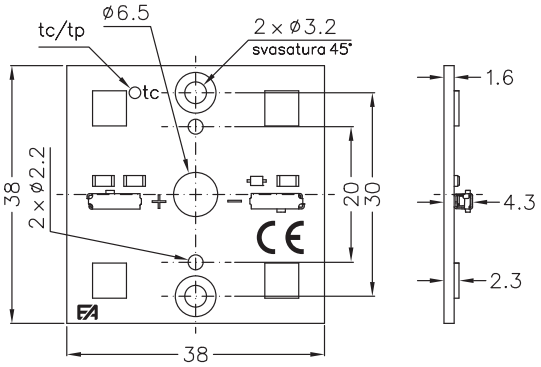
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL551

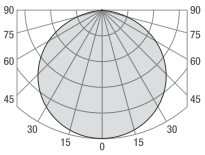


X1		X2		Power Typ (W)
CC Input (mA)	V Typ (V)	CC Input (mA)	V Typ (V)	
350	22.9	700	11.4	8
500	23.7	1000	11.9	11.9
700	24.7	1400	12.4	17.3
750	24.9	1500	12.5	18.7
800	25.3	1600	12.6	20.2

CCT	Power Typ (W)	CRI>80		Energy efficiency
		Im Typ	Im/W	
2200K	8	1114	139	
	11.9	1530	129	
	17.3	1996	115	
	18.7	2124	114	F
	20.2	2221	110	
2700K	8	1232	154	
	11.9	1693	142	
	17.3	2209	128	
	18.7	2350	126	E
	20.2	2457	122	
3000K	8	1329	166	
	11.9	1826	153	
	17.3	2382	138	
	18.7	2535	136	E
	20.2	2650	131	
4000K	8	1436	180	
	11.9	1973	166	
	17.3	2574	149	
	18.7	2738	146	D
	20.2	2863	142	

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	4
Dimensions	38 x 38 mm x h 4.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Pad termico / *Thermal pad*

Codice ordine standard / *Standard order code*
Con connettori, senza pad termico e altri accessori
With connectors, without thermal pad and other accessories

CL551 ❶ | XXXXX ❷ . XX ❸ | GXYFC ❶ . YYYYY ❹

❶ **Codice fisso / *Fixed code***	CL551 _ GXYFC

❷ **CCT + SDCM**	**CRI>80**
2200K	22803
2700K	27803
3000K	30803
4000K	40803

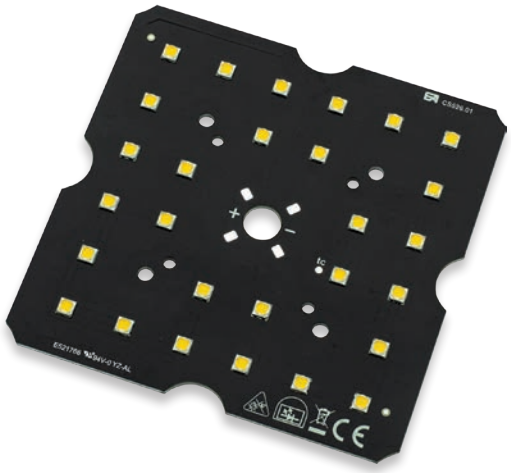
❸ **Versione / *Version***	**CRI>80**
max 800mA / 25.3V	X1
max 1600mA / 12.6V	X2

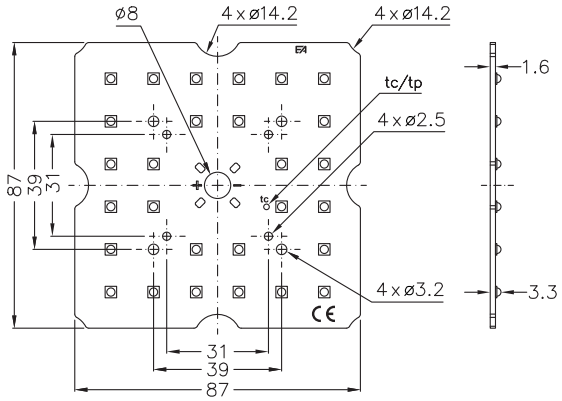
❹ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL526



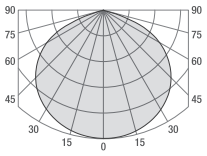


CC Input (mA)	V Typ (V)	Power Typ (W)
500	38.5	19.3
700	39	27.3
1050	40	42
1400	41	57.3
1500	41.2	61.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	19.3	3000	155		2348	122	
	27.3	4150	152		3247	119	
	42	6024	143		4713	112	F
	57.3	7685	134	E			
	61.7	8104	131				
3000K	19.3	3148	163		2495	129	
	27.3	4353	159		3451	126	
	42	6319	150		5009	119	
	57.3	8062	141	E	6390	112	F
	61.7	8502	138		6739	109	
4000K	19.3	3295	171		2764	143	
	27.3	4557	167		3698	135	
	42	6615	158		5368	128	
	57.3	8440	147	D	6849	120	E
	61.7	8900	144		7222	117	
5700K	19.3	3369	175				
	27.3	4659	171				
	42	6763	161				
	57.3	8628	151	D			
	61.7	9099	147				

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	28
Dimensions	87 x 87 mm x h 3.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL526 ❶ | XXXXX ❷ . XXXYAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL526 _ XXXYAB

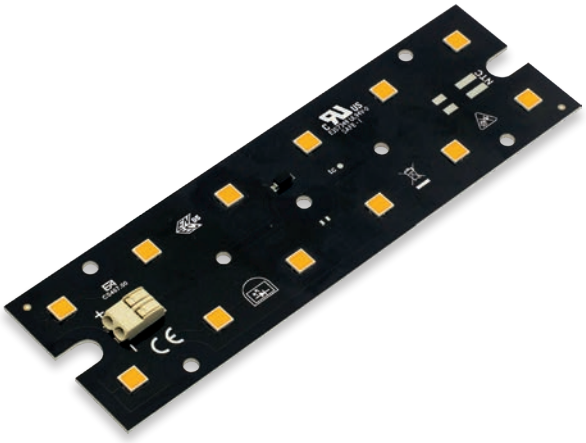
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903*
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

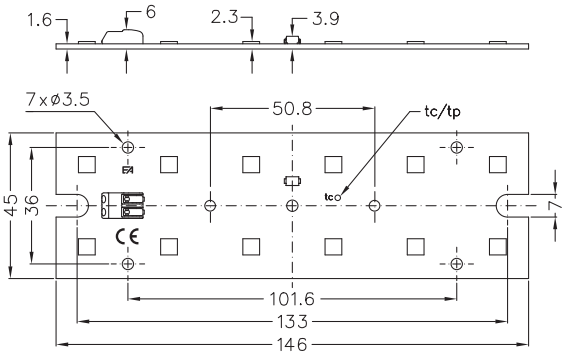
*Max 1050 mA

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL467





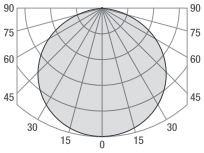
CC Input (mA)	V Typ (V)	Power Typ (W)
700	34.5	24.2
1000	35.7	35.7
1300	36.8	47.9
1500	37.5	56.3
1600	37.8	60.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	Energy efficiency
2200K	24.2	3311	137	F
	35.7	4603	129	
	47.9	5806	121	
	56.3	6578	117	
	60.5	6893	114	
2700K	24.2	3663	151	E
	35.7	5093	143	
	47.9	6423	134	
	56.3	7277	129	
	60.5	7626	126	
3000K	24.2	3951	163	E
	35.7	5494	154	
	47.9	6928	145	
	56.3	7850	139	
	60.5	8226	136	
4000K	24.2	4268	176	D
	35.7	5935	166	
	47.9	7485	156	
	56.3	8480	151	
	60.5	8887	147	

Su richiesta è possibile produrre la scheda LED con temperature colore fino a 6500K
On request it is possible to produce the LED board with color temperatures up to 6500K

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	12
Dimensions	146 x 45 mm x h 6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Approvazioni / *Approvals*

Accessori / *Accessories*
Cavi, connettori, pad termico / *Cables, connectors, thermal pad*

Codice ordine standard / *Standard order code*
Con connettore di alimentazione, senza cavi, pad termico e altri accessori
With power connector, without cables, thermal pad and other accessories

CL467 ❶ | XXXXX ❷ . XEXYFC ❶ . YYYYY ❸

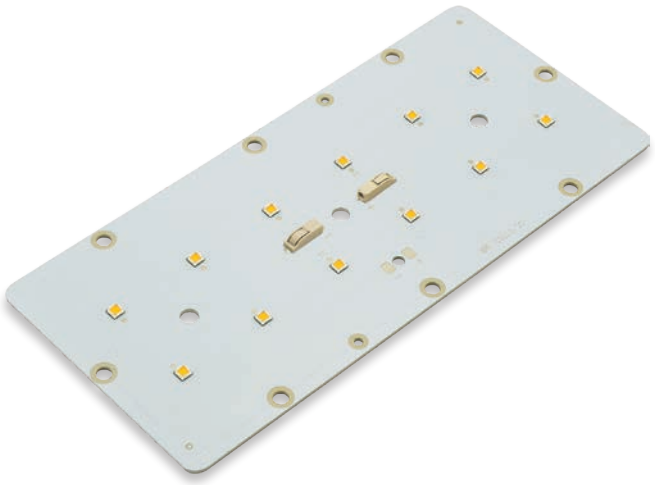
❶ **Codice fisso / *Fixed code*** CL467 _ XEXYFC

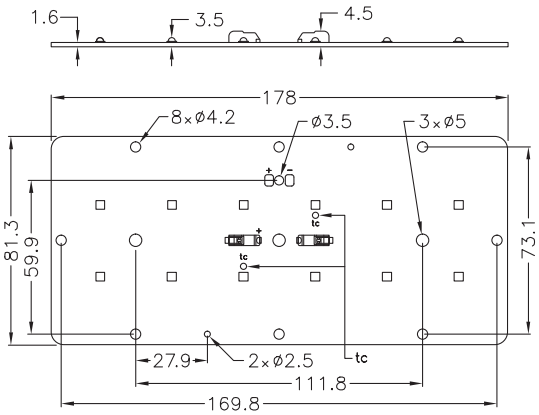
❷ CCT + SDCM	CRI>80
2200K	22803
2700K	27803
3000K	30803
4000K	40803

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL113



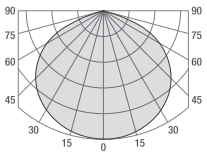


CC Input (mA)	V Typ (V)	Power Typ (W)
350	33.8	11.8
500	34.2	17.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	11.8	1813	154		1449	123	
	17.1	2462	144	E	1947	114	E
3000K	11.8	1902	161		1540	130	
	17.1	2583	151	D	2069	121	E
4000K	11.8	1991	169		1650	140	
	17.1	2704	158	D	2217	130	E
5700K	11.8	2036	173				
	17.1	2765	162	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	12
Dimensions	178 x 81.3 mm x h 4.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL113 ❶ | XXXXX ❷ . XXXAB ❶ . YYYYY ❸

❶ Codice fisso / *Fixed code*	CL113 _ XXXAB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL004

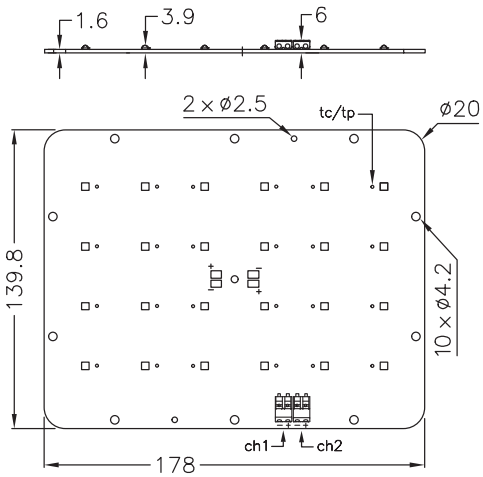
L70-B50 >150.000h @tc=90°C / TM21

CC

120°

3 SDCM

2

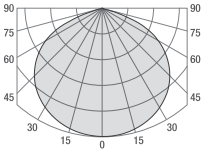


CC Input (mA)	V Typ (V)	Power Typ (W)	
		1 Ch	2 Ch
350	33.8	11.8	23.7
500	34.2	17.1	34.2

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	23.7	3626	153		3051	129	
	34.2	4925	144	E	4014	117	F
3000K	23.7	3804	161		3242	137	
	34.2	5167	151	D	4266	125	E
4000K	23.7	3982	168		3475	147	
	34.2	5409	158	D	4572	134	E
5700K	23.7	4071	172				
	34.2	5530	162	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	24 (12 x 2Ch)
Dimensions	178 x 139.8 mm x h 6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL004	XXXXX	.	XXXAB	.	YYYYY
1	2		1		3

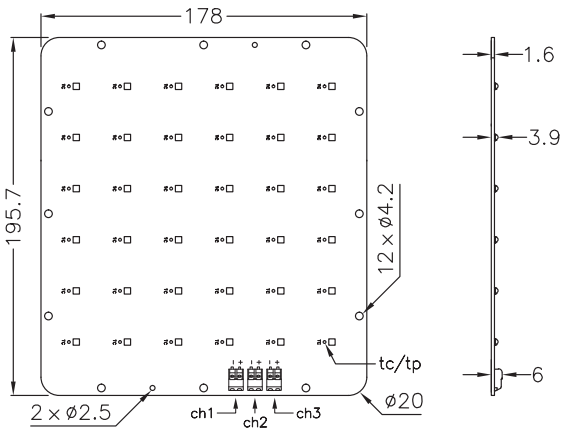
1	**Codice fisso / *Fixed code***	CL004 _ XXXAB

2	**CCT + SDCM**	**CRI>80**	**CRI>90**
	2700K	27803	27903
	3000K	30803	30903
	4000K	40803	40903
	5700K	57803	/

3	**Variante cavo / *Cable variants***
	Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL006

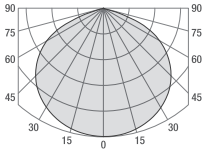


CC Input (mA)	V Typ (V)	Power Typ (W)	
		1 Ch	3 Ch
350	33.8	11.8	35.5
500	34.2	17.1	51.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	35.5	5439	153		4576	129	
	51.3	7387	144	E	6021	117	F
3000K	35.5	5706	161		4863	137	
	51.3	7750	151	D	6399	125	E
4000K	35.5	5973	168		5212	147	
	51.3	8113	158	D	6858	134	E
5700K	35.5	6107	172				
	51.3	8294	162	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	36 (12 x 3Ch)
Dimensions	195.7 x 178 mm x h 6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL006 (1) | XXXXX (2) . XXXAB (1) . YYYY (3)

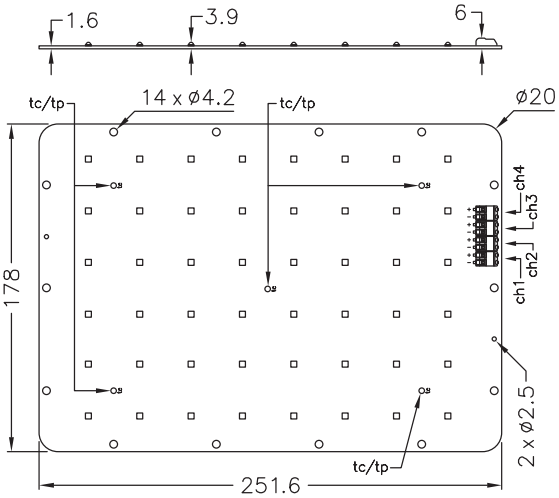
1 Codice fisso / *Fixed code* CL006 _ XXXAB

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL007

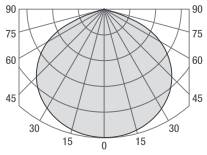


CC Input (mA)	V Typ (V)	Power Typ (W)	
		1 Ch	4 Ch
350	33.8	11.8	47.4
500	34.2	17.1	68.4

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	47.4	7552	159		6101	129	
	68.4	9850	144	E	8028	117	F
3000K	47.4	7608	161		6484	137	
	68.4	10333	151	D	8532	125	E
4000K	47.4	7964	168		6949	147	
	68.4	10817	158	D	9144	134	E
5700K	47.4	8142	172				
	68.4	11059	162	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	48 (12 x 4 Ch)
Dimensions	251.6 x 178 mm x h 6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL007	XXXXX	.	XXXAB	.	YYYYY
1	2		1		3

1 Codice fisso / *Fixed code* CL007 _ XXXAB

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL107_XI

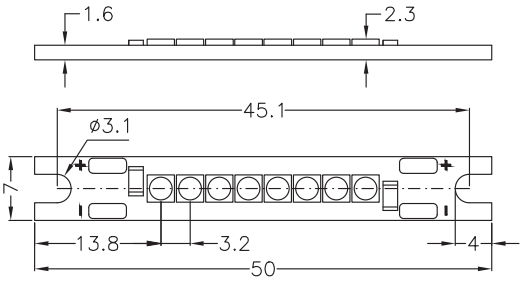
L70-B50 >130.000h @tc=90°C / TM21

CC

116°

3 SDCM

40

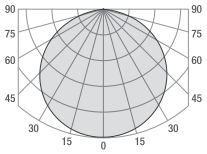


CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.6	4.1
500	12	6
700	12.4	8.7

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3030
LED Q.ty	8
Dimensions	50 x 7 mm - h 2.3 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	4.1	663	162		496	121	
	6	898	150	D	661	110	F
	8.7	1159	133		833	96	
3000K	4.1	687	168		548	134	
	6	931	155	D	742	124	E
	8.7	1201	138		968	111	
4000K	4.1	730	178		517	126	
	6	988	165	D	686	114	F
	8.7	1276	147		894	103	
5700K	4.1	730	178				
	6	988	165	D			
	8.7	1276	147				

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL107 ❶ | XXXXX ❷ . XIXXDB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL107 _ XIXXDB

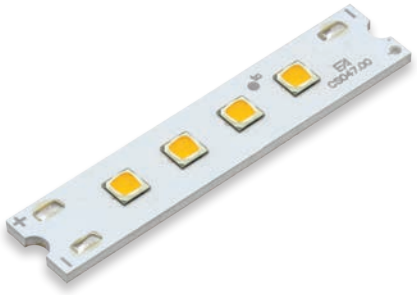
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

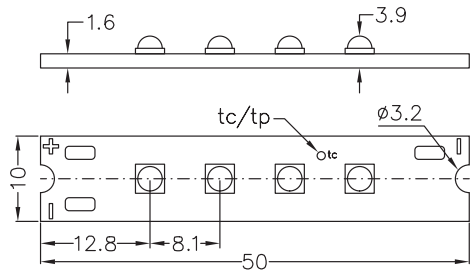
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL047



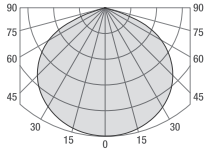


CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.2	3.9
500	11.5	5.8
700	11.8	8.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.9	599	154		468	120	
	5.8	821	142		643	111	
	8.3	1083	130	E	847	102	F
3000K	3.9	628	161		498	128	
	5.8	861	148		683	118	
	8.3	1136	137	E	900	108	E
4000K	3.9	657	168		533	137	
	5.8	902	156		732	126	
	8.3	1189	143	E	965	116	E
5700K	3.9	672	172				
	5.8	922	159				
	8.3	1216	147	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Dimensions	50 x 10 mm - h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL047 (1) | XXXXX (2) . XXXAB (1) . YYYYY (3)

1 Codice fisso / *Fixed code* CL047 _ XXXAB

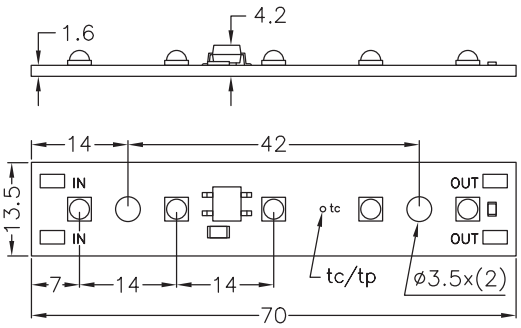
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL059



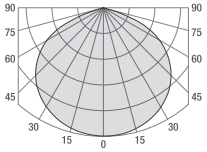
CC Input (mA)	V Typ (V)	Power Typ (W)
350	15.8	5.5
500	16.2	8.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.5	748	136		585	106	
	8.1	1032	127	E	820	101	F
3000K	5.5	785	143		622	113	
	8.1	1082	134	E	871	107	F
4000K	5.5	822	149		667	121	
	8.1	1133	140	E	933	115	F
5700K	5.5	840	153				
	8.1	1158	143	D			

Nota tecnica / *Technical note*
Alimentazione reversibile, si può alimentare senza tenere conto della polarità.
Reversible power supply input, it can be powered without regard to the polarity.

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	5
Dimensions	70 x 13.5 mm - h 4.2 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL047	XXXXX	.	XXX	X	AB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL047 _ XXX _ AB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Link

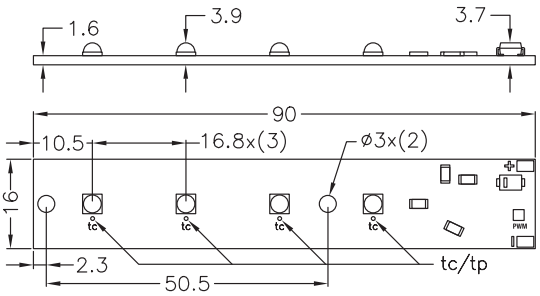
Non linkabile / *Not linkable*	U
Linkabile / *Linkable*	V

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL051_XI

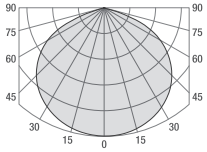


CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.6	4.1
500	11.8	5.9
700	12.1	8.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	4.1	599	146		468	120	
	5.9	821	139		643	111	
	8.5	1083	127	E	847	102	F
3000K	4.1	628	153		498	128	
	5.9	861	146		683	118	
	8.5	1136	134	E	900	108	F
4000K	4.1	657	160		533	137	
	5.9	902	153		732	126	
	8.5	1189	140	E	965	116	F
5700K	4.1	672	164				
	5.9	922	156				
	8.5	1216	143	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Dimensions	90 x 16 mm - h 3.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL051 ❶ | XXXXX ❷ | . | XIXXAB ❶ | . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL051 _ XIXXAB

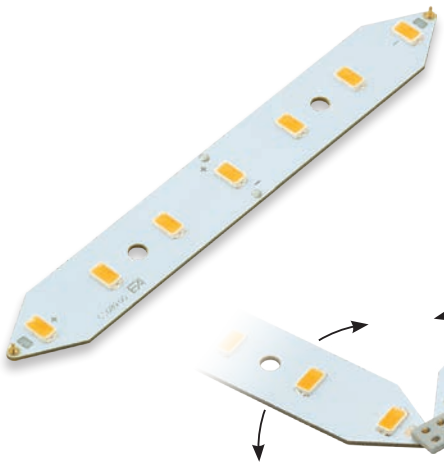
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

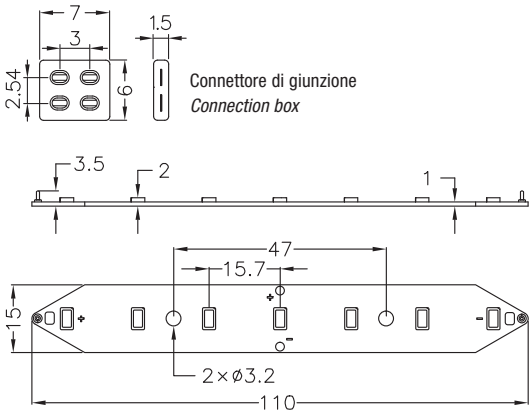
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL089



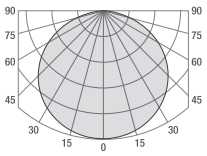


CC Input (mA)	V Typ (V)	Power Typ (W)
350	2.8	1
500	2.9	1.4
700	3	2.1
1050	3.2	3.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1	169	169		133	133	
	1.4	238	170		188	134	
	2.1	321	153	D	254	121	E
	3.3	453	137		358	108	
3000K	1	169	169		139	139	
	1.4	238	170		196	140	
	2.1	321	153	D	265	126	E
	3.3	453	137		373	113	
4000K	1	169	169		147	147	
	1.4	238	170		207	148	
	2.1	321	153	D	280	133	E
	3.3	453	137		395	120	
5000K	1	170	170				
	1.4	240	171				
	2.1	324	154	D			
	3.3	458	139				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1 mm
LED type	SEOUL® 5630
LED Q.ty	4
Dimensions	110 x 15 mm - h 3.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettore / *Cables, thermal pad, connector*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL089 (1) | XXXXX (2) . XXXAD (1) . YYYYY (3)

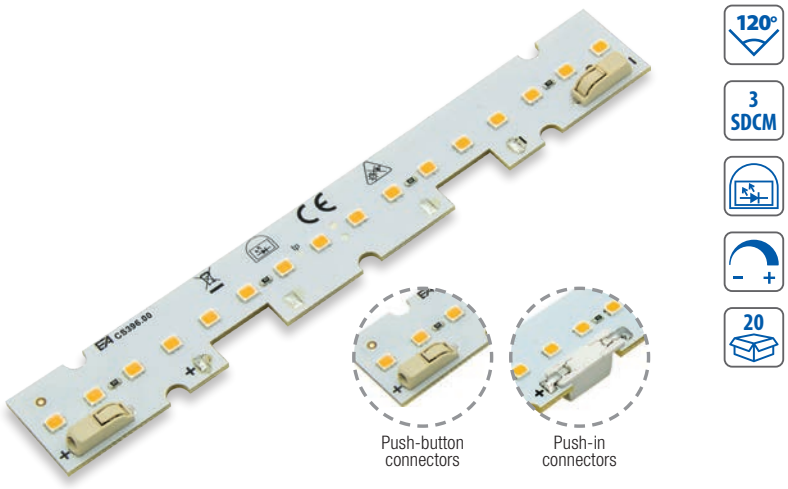
1 Codice fisso / *Fixed code* CL089 _ XXXAD

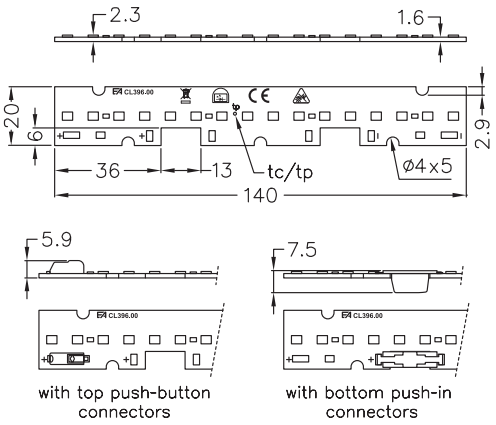
2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL396_XI



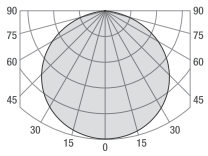


CC Input (mA)	V Typ (V)	Power Typ (W)
250	11.1	2.8
350	11.3	4
500	11.5	5.8
600	11.7	7
700	11.8	8.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.8	497	178		422	151	
	4	682	171		578	145	
	5.8	945	163		802	138	
	7	1109	158	D	940	134	E
	8.3	1262	152		1071	129	
3000K	2.8	497	178		432	154	
	4	682	171		592	148	
	5.8	945	163		822	142	
	7	1109	158	D	968	138	E
	8.3	1262	152		1107	133	
4000K	2.8	538	192		457	163	
	4	739	185		625	156	
	5.8	1029	177		871	150	
	7	1212	173	C	1025	146	D
	8.3	1386	167		1173	141	
5000K	2.8	545	195		462	165	
	4	748	187		634	159	
	5.8	1042	180		884	152	
	7	1227	175	C	1041	149	D
	8.3	1404	169		1191	143	

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	16
Dimensions	140 x 20 mm - h 5.9 / 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL396 ❶ | XXXXX ❷ | . | XIXXLB ❶ | . | YYYYY ❸

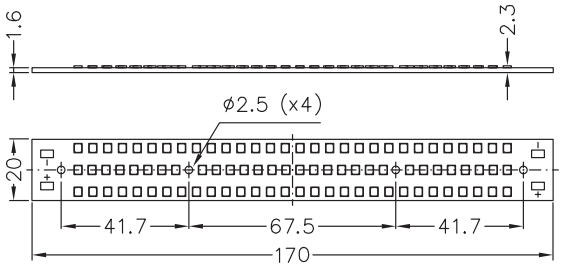
❶ **Codice fisso / *Fixed code*** CL396 _ XIXXLB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL015

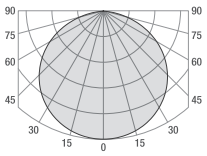


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8	2.8
500	8.1	4.1
700	8.3	5.8
1050	8.5	8.9

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	90
Dimensions	170 x 20 mm - h 2.3 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.8	508	181		380	136	
	4.1	709	173		534	130	
	5.8	978	169		739	127	
	8.9	1434	161	D	1086	122	E
3000K	2.8	515	184		380	136	
	4.1	719	175		534	130	
	5.8	992	171		739	127	
	8.9	1454	163	D	1086	122	E
4000K	2.8	524	187		431	154	
	4.1	732	179		605	148	
	5.8	1010	174		837	144	
	8.9	1481	166	D	1231	138	E
5000K	2.8	524	187				
	4.1	732	179				
	5.8	1010	174				
	8.9	1481	166	D			

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL015 (1) | XXXXX (2) . XXXBA (1) . YYYYY (3)

(1) Codice fisso / *Fixed code*	CL015 _ XXXBA

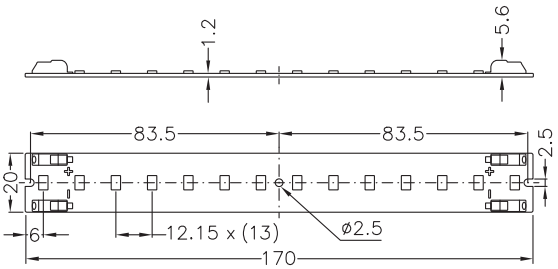
(2) CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

(3) Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL045

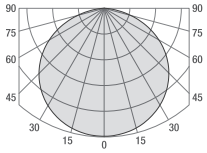


CC Input (mA)	V Typ (V)	Power Typ (W)
350	5.6	1.9
500	5.8	2.9
700	6	4.2
900	6.2	5.6

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1.9	334	176		259	136	
	2.9	470	162		365	126	
	4.2	636	151	D	493	117	F
	5.6	790	141		613	109	
3000K	1.9	334	176		269	142	
	2.9	470	162		380	131	
	4.2	636	151	D	513	122	E
	5.6	790	141		638	114	
4000K	1.9	334	176		285	150	
	2.9	470	162		402	139	
	4.2	636	151	D	543	129	E
	5.6	790	141		675	121	
5000K	1.9	337	177				
	2.9	475	164				
	4.2	642	153	D			
	5.6	798	143				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED Q.ty	14
Dimensions	170 x 20 mm - h 5.6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

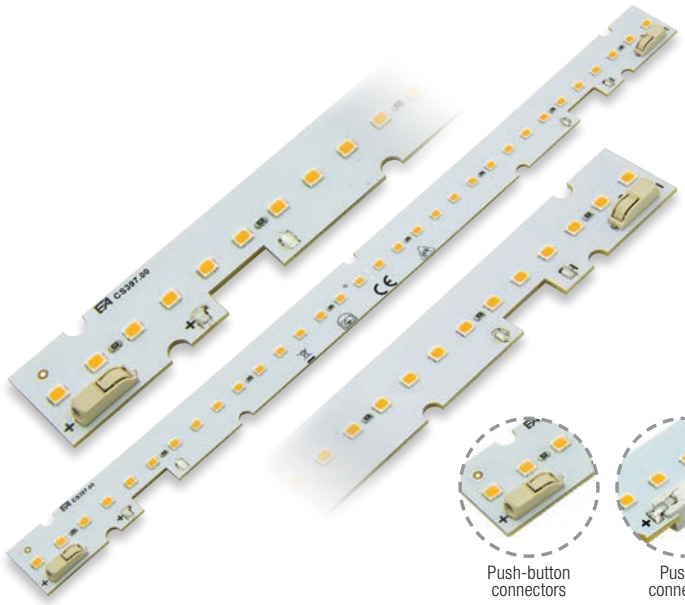
Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

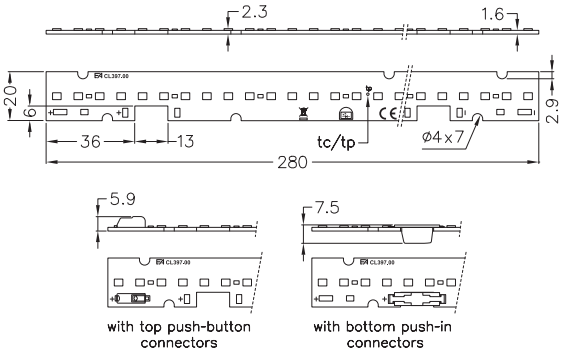
CL045 (1) | XXXXX (2) . XJXXAD (1) . YYYYY (3)

(1) **Codice fisso / *Fixed code***	CL045 _ XJXXAD	
(2) **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/
(3) **Variante cavo / *Cable variants***		
Da definire in fase d'ordine / *To be chosen when ordering*		

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL397_XI



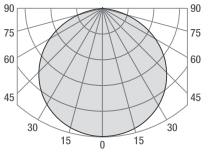


CC Input (mA)	V Typ (V)	Power Typ (W)
250	22.2	5.6
350	22.5	7.9
500	22.9	11.5
600	23.2	13.9
700	23.5	16.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.6	993	177		843	151	
	7.9	1363	173		1156	146	
	11.5	1891	164		1604	139	
	13.9	2218	160	D	1881	135	E
	16.5	2529	153		2146	130	
3000K	5.6	1021	182		863	154	
	7.9	1401	177		1184	150	
	11.5	1943	169		1643	143	
	13.9	2289	165	D	1935	139	E
	16.5	2618	159		2214	134	
4000K	5.6	1080	193		914	163	
	7.9	1477	187		1250	158	
	11.5	2058	179		1741	151	
	13.9	2424	174	C	2051	148	D
	16.5	2773	168		2346	142	
5000K	5.6	1094	195		928	166	
	7.9	1496	189		1269	161	
	11.5	2084	181		1767	154	
	13.9	2455	177	C	2082	150	D
	16.5	2808	170		2382	144	

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	32
Dimensions	280 x 20 mm - h 5.9 / 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL397 ❶ | XXXXX ❷ | . | XIXXLB ❶ | . | YYYYY ❸

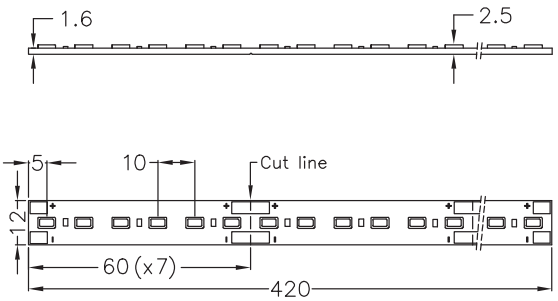
❶ **Codice fisso / *Fixed code*** CL397 _ XIXXLB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL095_XI



CC Input (mA)	V Typ (V)	Power Typ (W)
350	16.8	5.9
500	17.1	8.6
700	17.6	12.3
1050	18.8	19.7

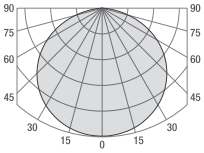
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5.9	1032	175		800	136	
	8.6	1455	169		1128	131	
	12.3	1966	160	D	1525	124	E
	19.7	2771	141		2150	109	
3000K	5.9	1032	175		833	141	
	8.6	1455	169		1175	137	
	12.3	1966	160	D	1588	129	E
	19.7	2771	141		2239	114	
4000K	5.9	1032	175		882	149	
	8.6	1455	169		1243	145	
	12.3	1966	160	D	1680	137	E
	19.7	2771	141		2369	120	
5000K	5.9	1043	177				
	8.6	1470	171				
	12.3	1987	162	D			
	19.7	2801	142				

Utilizzando solo parte del circuito
In base alla corrente di ingresso, è necessario un numero minimo di settori:
≤350mA, minimo 3; ≤500mA, minimo 4; ≤700mA, minimo 5; ≤1050mA, solo scheda LED completa.

Using only part of the circuit
According to the input current, it is necessary a minimum number of sectors:
≤350mA, minimum 3; ≤500mA, minimum 4; ≤700mA, minimum 5; ≤1050mA, only complete LED board.

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	42
Dimensions	420 x 12 mm - h 2.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL095 ❶ | XXXXX ❷ | . | XIXXAD ❶ | . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL095 _ XIXXAD

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL398_XI

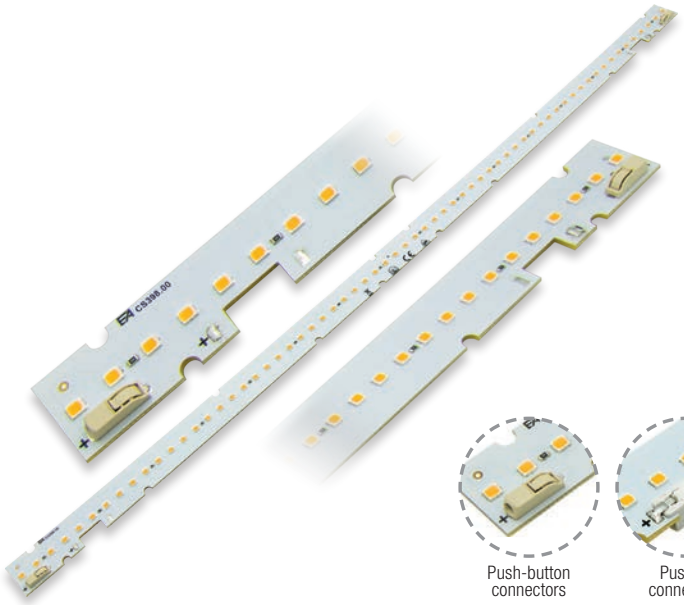
L70-B50 >100.000h @tc=75°C / TM21

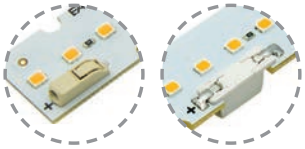
CC

120°

3 SDCM

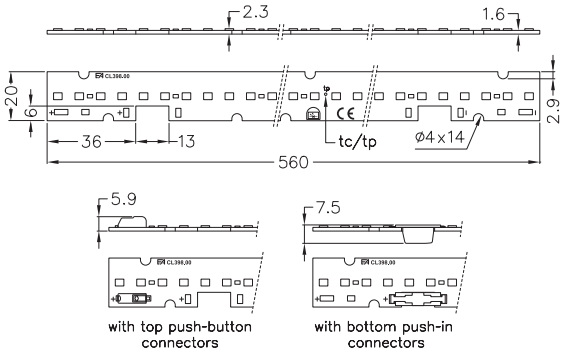
10





Push-button connectors

Push-in connectors

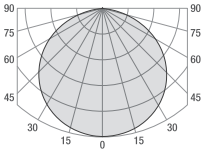


CC Input (mA)	V Typ (V)	Power Typ (W)
250	44.3	11.1
350	44.9	15.7
500	45.8	22.9
600	46.4	27.8
700	47	32.9

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	11.1	1987	179		1685	152	
	15.7	2726	174		2312	147	
	22.9	3782	165		3208	140	
	27.8	4436	160	D	3763	135	E
	32.9	5059	154		4291	130	
3000K	11.1	2041	184		1726	155	
	15.7	2801	178		2369	151	
	22.9	3886	170		3286	143	
	27.8	4577	165	D	3871	139	E
	32.9	5236	159		4428	135	
4000K	11.1	2160	195		1827	165	
	15.7	2954	188		2500	159	
	22.9	4115	180		3482	152	
	27.8	4847	174	C	4102	148	D
	32.9	5545	169		4692	143	
5000K	11.1	2187	197		1855	167	
	15.7	2992	191		2538	162	
	22.9	4168	182		3535	154	
	27.8	4909	177	C	4164	150	D
	32.9	5616	171		4763	145	

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	64
Dimensions	560 x 20 mm - h 5.9 / 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL398 ❶ | XXXXX ❷ | . | XIXXLB ❶ | . | YYYYY ❸

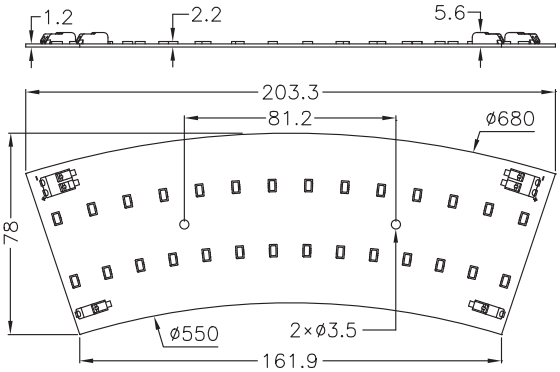
❶ **Codice fisso / *Fixed code*** CL398 _ XIXXLB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

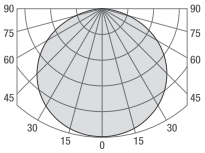
CL099



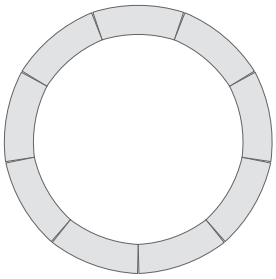
CC Input (mA)	V Typ (V)	Power Typ (W)
350	11	3.9
500	11.2	5.6
700	11.4	8
900	11.8	10.6

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.9	654	168		507	130	
	5.6	921	164		715	128	
	8	1245	156	D	966	121	E
	10.6	1547	146		1200	113	
3000K	3.9	688	176		556	143	
	5.6	970	173		783	140	
	8	1310	164	D	1058	132	E
	10.6	1629	154		1316	124	
4000K	3.9	688	176		588	151	
	5.6	970	173		829	148	
	8	1310	164	D	1120	140	E
	10.6	1629	154		1392	131	
5000K	3.9	695	178				
	5.6	980	175				
	8	1324	166	D			
	10.6	1646	155				

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED Q.ty	28
Dimensions	203.3 x 78 mm - h 5.6 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution



Unendo 9 schede si realizza una forma circolare, il diametro dipende dal posizionamento delle schede.

Connecting 9 LED boards together you can realize a circular shape, the diameter depends on the positioning of the LED boards.

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL099 ❶ | XXXXX ❷ . XJXAD ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL099 _ XJXAD

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL100

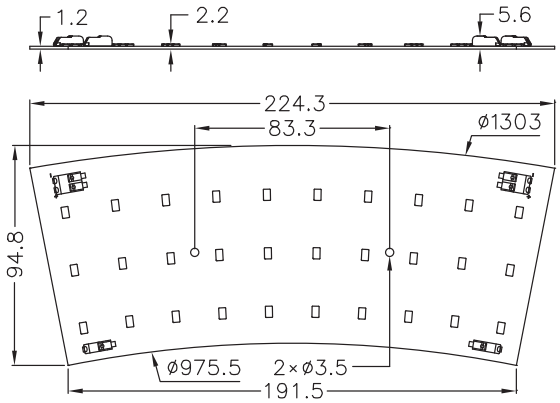
L70-B50 >38.000h @tc=75°C / TM21

CC

120°

3 SDCM

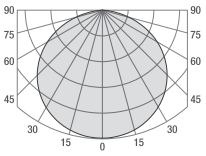
2



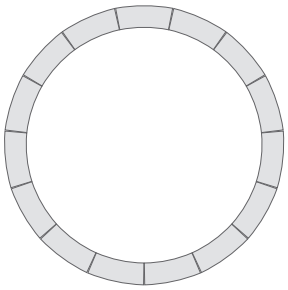
CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.3	2.9
500	8.4	4.2
700	8.6	6.0
900	8.8	7.9
1050	8.9	9.4

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	507	175		397	137	
	4.2	708	169		549	131	
	6.0	974	162		756	126	
	7.9	1222	155		948	120	
	9.4	1402	149	D	1087	116	F
3000K	2.9	507	175		414	143	
	4.2	708	169		572	136	
	6.0	974	162		787	131	
	7.9	1222	155		987	125	
	9.4	1402	149	D	1132	120	E
4000K	2.9	507	175		438	151	
	4.2	708	169		605	144	
	6.0	974	162		833	139	
	7.9	1222	155		1045	132	
	9.4	1402	149	D	1198	127	E
5000K	2.9	539	186				
	4.2	745	177				
	6.0	1026	171				
	7.9	1287	163				
	9.4	1476	157	D			

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED Q.ty	30
Dimensions	224.3 x 94.8 mm - h 5.6 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution



Unendo 15 schede si realizza una forma circolare, il diametro dipende dal posizionamento delle schede.

Connecting 15 LED boards together you can realize a circular shape, the diameter depends on the positioning of the LED boards.

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

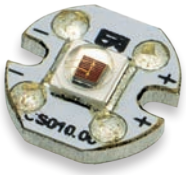
Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

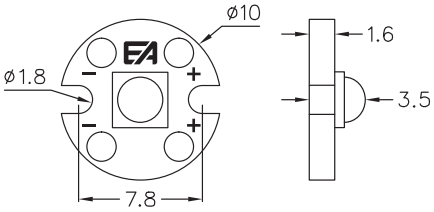
CL100 (1) | XXXXX (2) . XJXAD (1) . YYYYY (3)

(1) **Codice fisso / *Fixed code***	CL100 _ XJXAD	
(2) **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/
(3) **Variante cavo / *Cable variants***		
Da definire in fase d'ordine / *To be chosen when ordering*		

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL010RE



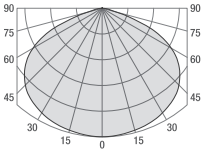


CC Input (mA)	V Typ (V)	Power Typ (W)
350	2.2	0.8
500	2.3	1.2
700	2.4	1.7

CCT + SDCM	Power Typ (W)	Im Typ	Im/W
RED	0.8	61	76
	1.2	76	63
	1.7	91	53

CCT + SDCM	R 620.5~631 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT®
LED Q.ty	1
Dimensions	Ø 10 mm x h 3.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

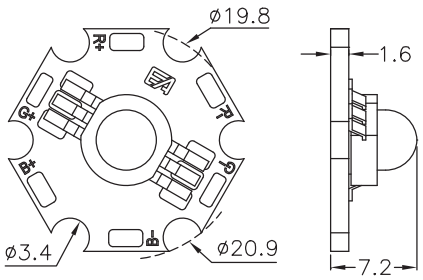
CL010RE ❶	.	S24B ❶	.	XXXGH ❶	.	YYYYY ❷

❶ **Codice fisso / *Fixed code*** CL010RE.S24B.XXXGH

❷ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL062F



CC Input (mA)	V Typ (V)	Power Typ (W)
200	2.7	0.6
350		1
200	3.7	0.7
350		1.3
200	3.6	0.7
350		1.3
200	-	2
350		3.6

CCT + SDCM	Power Typ (W)	Im Typ	Im/W
Rosso Red	0.6	30	50
	1	50	50
Verde Green	0.7	54	77
	1.3	85	65
Blu Blue	0.7	13	19
	1.3	20	15
Bianco (R+G+B) White (R+G+B)	2	97	48
	3.6	155	43

CCT + SDCM	R 620~630 nm G 520~530 nm B 460~465 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT®
LED Q.ty	1
Dimensions	Ø 20.9 mm x h 7.2 mm

Accessori / *Accessories*
Cavi, pad termico, lente, LED driver
Cables, thermal pad, lens, driver LED

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

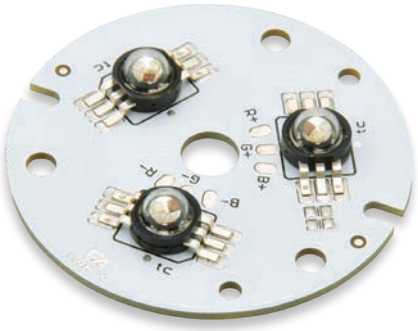
CL062F (1) . XXXGB (1) . YYYYY (2)

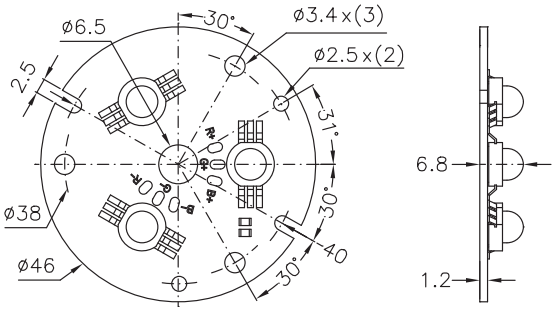
(1) **Codice fisso / *Fixed code*** CL062F.XXXGB

(2) **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL036F





CC Input (mA)	V Typ (V)	Power Typ (W)
200	8.1	1.6
350		2.8
200	11.1	2.2
350		3.9
200	10.8	2.2
350		3.8
200	-	6
350		10.5

CCT + SDCM	Power Typ (W)	Im Typ	Im/W
Rosso Red	1.6	90	37
	2.8	150	54
Verde Green	2.2	161	73
	3.9	255	65
Blu Blue	2.2	38	17
	3.8	60	16
Bianco (R+G+B) White (R+G+B)	6	289	48
	10.5	465	44

CCT + SDCM	R 620~630 nm G 520~530 nm B 460~465 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT®
LED Q.ty	3
Dimensions	Ø 46 mm x h 6.8 mm

Accessori / *Accessories*
Cavi, pad termico, lente, LED driver
Cables, thermal pad, lens, driver LED

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL036F (1) . XXXGB (1) . YYYYY (2)

(1) **Codice fisso / *Fixed code*** CL036F.XXXGB

(2) **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL146_XN

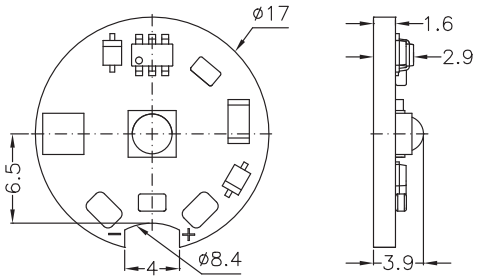
L70-B50 >150.000h @tc=90°C / TM21

CV

120°

3 SDCM

50



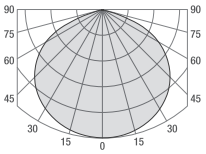
Vdc Input (V)	Power Typ (W)
12	1.2
24	1.6

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1.2	142	118	F	111	93	F
	1.6	171	107	F	134	84	G
3000K	1.2	149	124	E	118	98	F
	1.6	179	112	F	142	89	G
4000K	1.2	156	130	E	127	106	F
	1.6	187	117	F	152	95	G
5000K	1.2	168	140	E			
	1.6	200	125	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	1
Dimensions	Ø 17 mm x h 3.9 mm

Con protezione di inversione della polarità
With inverse-polarity protection

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL146 ❶ | XXXXX ❷ . XN016XXAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL146 _ XN016XXAB

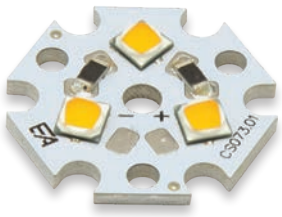
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

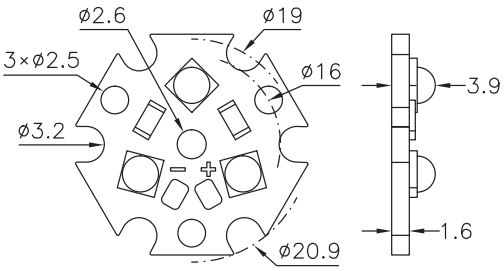
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL073_XV





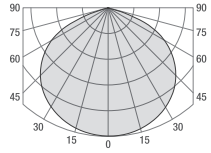
Vdc Input (V)	Power Typ (W)
12	4.2

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	4.2	449	107	F	351	84	G
3000K		471	112	F	373	89	G
4000K		493	117	F	400	95	F
5700K		504	120	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 4.2W
On request it is possible to produce the LED board with different powers up to max 4.2W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Dimensions	Ø 20.9 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL073 ❶	XXXXX ❷	.	XV042 ❶	XXAB ❶	.	YYYYY ❸

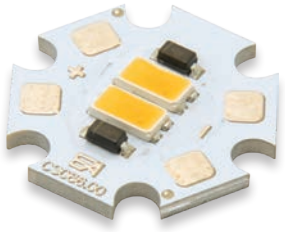
❶ **Codice fisso / *Fixed code*** CL073 _ XV042 _ XXAB

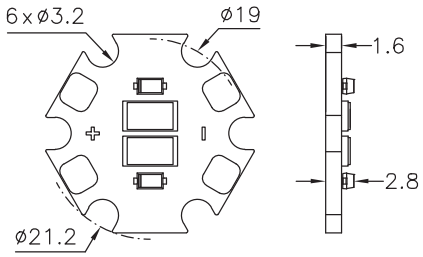
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL086_XV



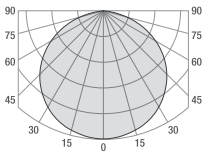


Vdc Input (V)	Power Typ (W)
24	0.8

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 lm/W	Energy efficiency
2700K	0.8	111	139	E
3000K		111	139	E
4000K		117	146	D
5000K		117	146	D

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	2
Dimensions	Ø 21.2 mm x h 2.8 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL086 ❶ | XXXXX ❷ . XV008XXAE ❶ . YYYYY ❸

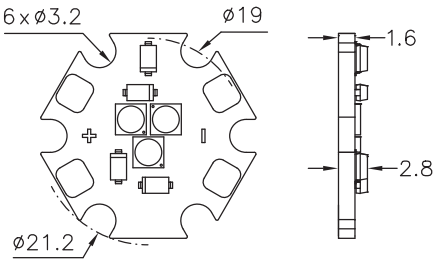
❶ **Codice fisso / *Fixed code*** CL086 _ XV008XXAE

❷ CCT + SDCM	CRI>80
2700K	27803
3000K	30803
4000K	40803
6500K	65803

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL196_XV

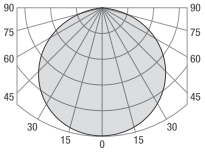


Vdc Input (V)	Power Typ (W)
24	2
	3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2	209	104	F	172	86	G
	3	300	100	F	257	86	G
3000K	2	216	108	F	176	88	G
	3	313	104	F	262	87	G
4000K	2	230	115	F			
	3	332	111	F			
5000K	2	230	115	F			
	3	332	111	F			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3030
LED Q.ty	3
Dimensions	Ø 21.2 mm x h 2.8 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL196	XXXXX	.	XV	XXX	XXDB	.	YYYYY
❶	❷		❶	❸	❶		❹

❶ **Codice fisso / *Fixed code*** CL196 _ XV _ XXDB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

❸ **Potenza / *Power***

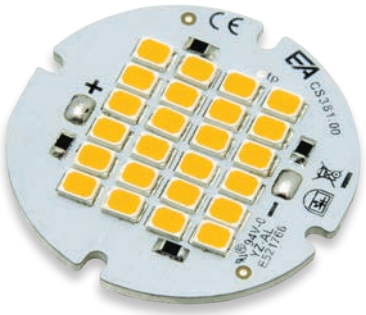
2W	020
3W	030

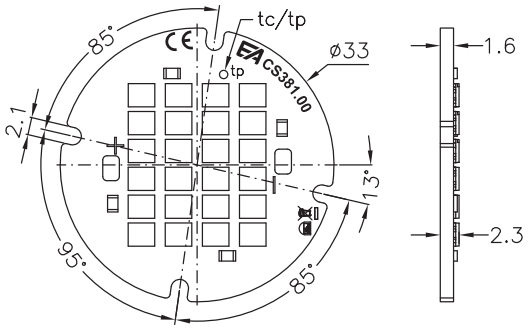
❹ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL381_XV





Vdc Input (V)	Power Typ (W)
24	6

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	6	765	127	E	700	117	F
3000K		809	135	E	700	117	F
4000K		853	142	D	794	132	E
5000K		853	142	D			

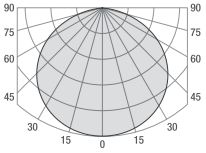
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 6W
On request it is possible to produce the LED board with different powers up to max 6W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	24
Dimensions	Ø 33 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL381	XXXXX	.	XV060XXBA	.	YYYYY
1	2		1		3

1 Codice fisso / *Fixed code* CL381 _ XV060XXBA

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL381_XV_Y

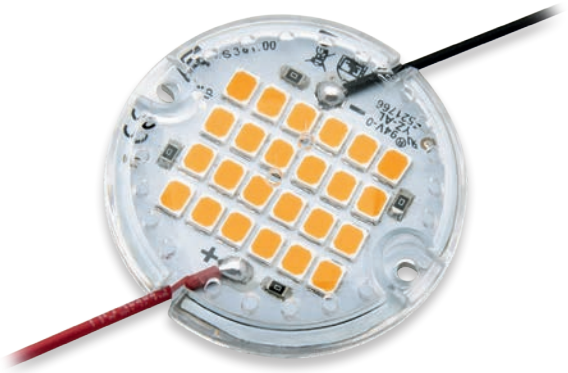
L70-B50 >70.000h @tc=90°C / TM21

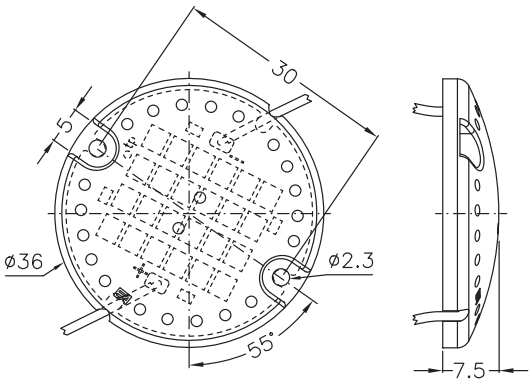
CV

120°

3 SDCM

20





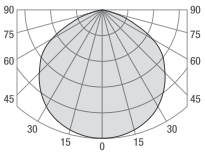
Vdc Input (V)	Power Typ (W)
24	6

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	6	704	117	F	644	107	F
3000K		744	124	E	644	107	F
4000K		784	131	E	730	122	E
5000K		784	131	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 6W
On request it is possible to produce the LED board with different powers up to max 6W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	24
Cover	Trasparente / *Transparent*
Dimensions	Ø 36 mm x h 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL381 ❶ | XXXXX ❷ . XV060AXYBA ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL381 _ XV060AXYBA

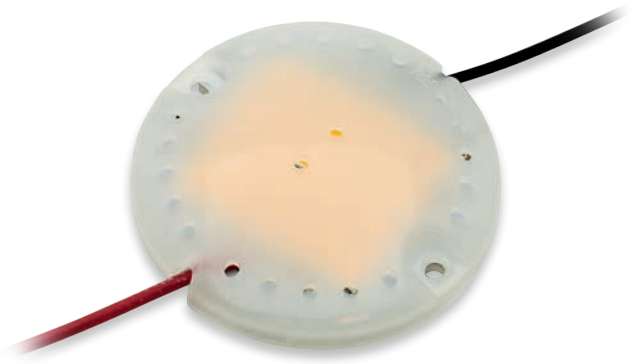
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

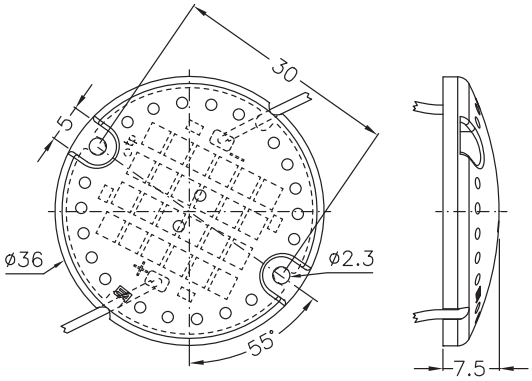
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL381_XV_Z





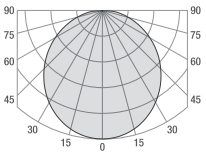
Vdc Input (V)	Power Typ (W)
24	6

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	6	589	98	F	539	90	G
3000K		623	104	F	539	90	G
4000K		656	109	F	611	102	F
5000K		656	109	F			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 6W
On request it is possible to produce the LED board with different powers up to max 6W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	24
Cover	Satinata / *Frosted*
Dimensions	Ø 36 mm x h 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL381 ❶ | XXXXX ❷ . XV060AXZBA ❶ . YYYYY ❸

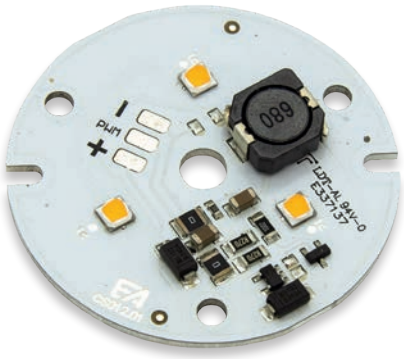
❶ **Codice fisso / *Fixed code*** CL381 _ XV060AXZBA

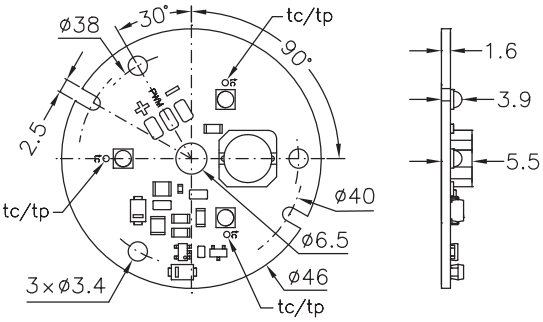
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL012_XV





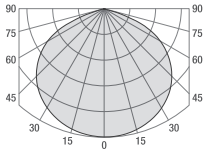
Vdc Input (V)	Power Typ (W)
12~24	3
	5
	7

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Dimensions	Ø 46 mm x h 5.5 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3	449	150	D	351	117	F
	5	628	126	E	492	98	F
	7	855	122	E	669	96	F
3000K	3	471	157	D	373	124	E
	5	630	126	E	523	105	F
	7	897	128	E	711	102	F
4000K	3	493	164	D	400	133	E
	5	690	138	E	560	112	F
	7	939	134	E	762	109	F
5700K	3	504	168	D			
	5	706	141	E			
	7	960	137	E			

Su richiesta è possibile produrre la scheda LED con potenze personalizzate da 3W a 7W max
On request it is possible to produce the LED board with customized powers from 3W to 7W max

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL012	XXXXX	.	XV	XXX	XXAB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL012 _ XXAB

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

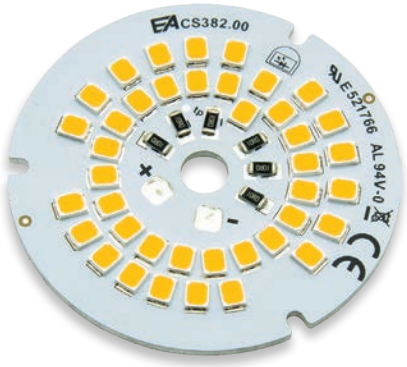
3 Potenza / *Power*

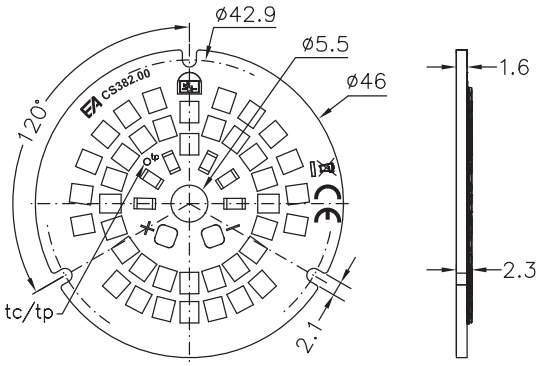
3W	030
5W	050
7W	070

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL382_XV





Vdc Input (V)	Power Typ (W)
24	9

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	9	1210	134	E	1036	115	F
3000K		1279	142	E	1036	115	F
4000K		1348	150	D	1175	131	E
5000K		1348	150	D			

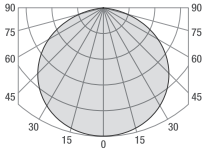
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 9W
On request it is possible to produce the LED board with different powers up to max 9W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	40
Dimensions	Ø 46 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL382 ❶	XXXXX ❷	.	XV090XXBA ❶	.	YYYYY ❸

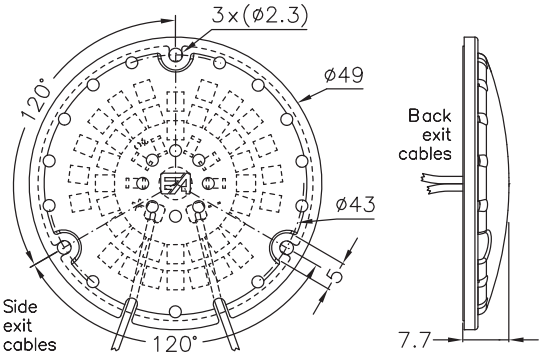
❶ **Codice fisso / *Fixed code*** CL382 _ XV090XXBA

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL382_XV_Y

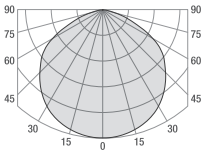


Vdc Input (V)	Power Typ (W)
24	9

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	9	1113	124	E	959	107	F
3000K		1129	125	E	959	107	F
4000K		1190	132	E	1087	121	E
5000K		1240	138	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 9W
On request it is possible to produce the LED board with different powers up to max 9W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	40
Cover	Trasparente / *Transparent*
Dimensions	Ø 49 mm x h 7.7 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL382	XXXXX	.	XV090	XX	YBA	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL382 _ XV090 _ YBA

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Cavi / *Cables*

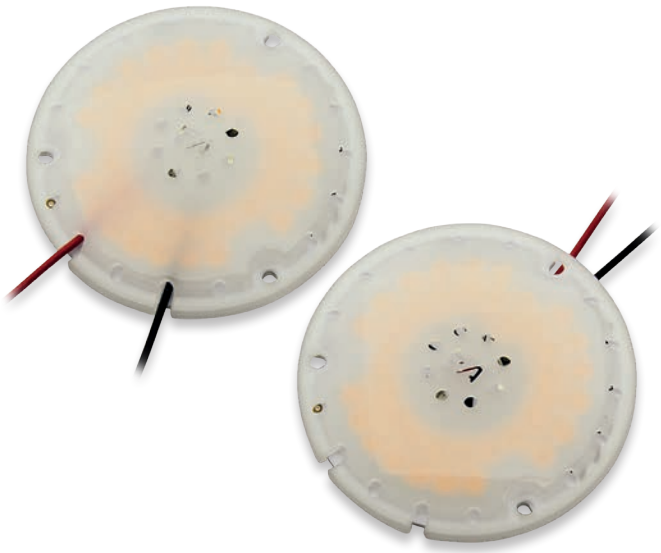
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

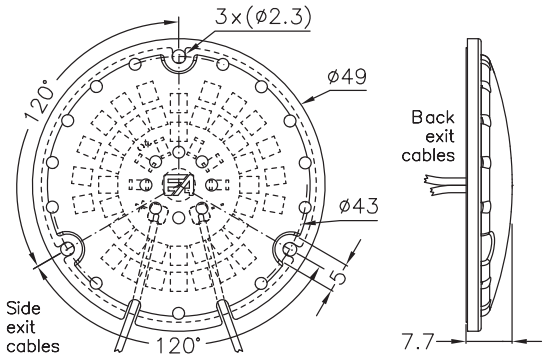
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL382_XV_Z



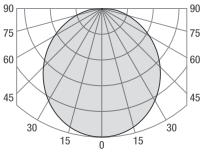


Vdc Input (V)	Power Typ (W)
24	9

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	9	931	103	A-G F	882	98	A-G F
3000K		945	105	A-G F	882	98	A-G F
4000K		996	111	A-G F	1000	111	A-G F
5000K		1038	115	A-G F			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 9W
On request it is possible to produce the LED board with different powers up to max 9W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	40
Cover	Satinata / *Frosted*
Dimensions	Ø 49 mm x h 7.7 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL382	XXXXX	.	XV090	XX	ZBA	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL382 _ XV090 _ ZBA

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Cavi / *Cables*

Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL082_XV

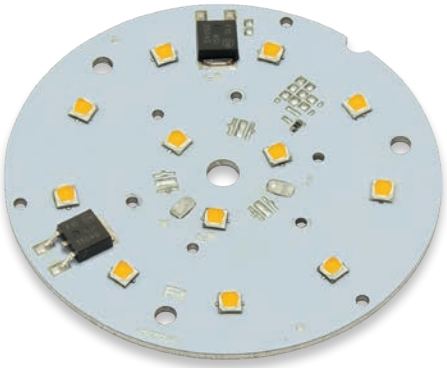
L70-B50 >150.000h @tc=90°C / TM21

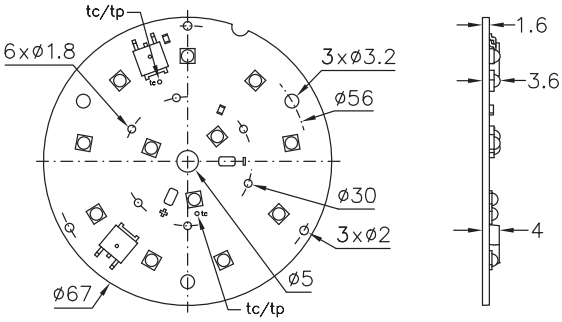
CV

120°

3 SDCM

6



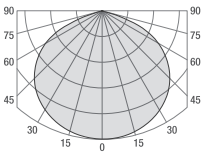


Vdc Input (V)	Power Typ (W)
24	18

CCT	Power Typ (W)	CRI>80		
		lm Typ	lm/W	Energy efficiency
2700K	18	1986	110	A F G
3000K		2053	114	A F G
4000K		2092	116	A F G
57000K		2139	119	A F G

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	12
Dimensions	Ø 67 mm x h 3.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, lente / *Cables, thermal pad, lens*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL082	XXXXX	.	XV180XXAB	.	YYYYY
1	2		1		3

1 **Codice fisso / *Fixed code***	CL082 _ XV180XXAB

2 **CCT + SDCM**	**CRI>80**
2700K	27803
3000K	30803
4000K	40803
5700K	57803

3 **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL076_XV

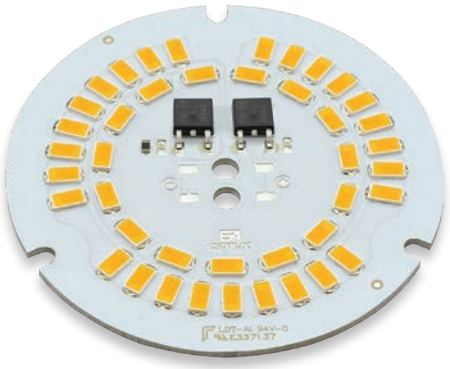
L70-B50 >38.000h @tc=75°C / TM21

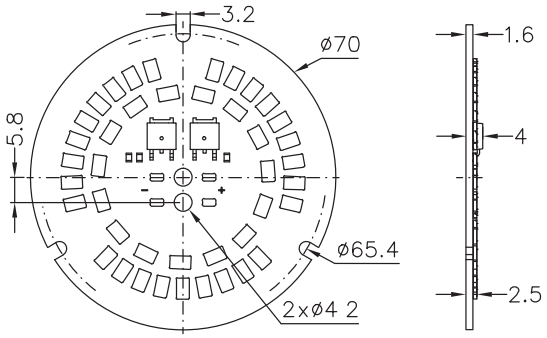
CV

120°

3 SDCM

6





Vdc Input (V)	Power Typ (W)
24	17.6

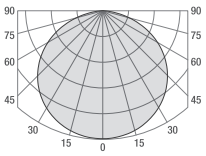
CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 lm/W	Energy efficiency
2700K	17.6	1983	112	A F G
3000K		2044	116	A F G
4000K		2044	116	A F G
5000K		2066	117	A F G

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	42
Dimensions	Ø 70 mm x h 2.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL076	XXXXX	.	XV176XXAD	.	YYYYY
❶	❷		❶		❸

❶ **Codice fisso / *Fixed code*** CL076 _ XV176XXAD

❷ CCT + SDCM	CRI>80
2700K	27803
3000K	30803
4000K	40803
5000K	50803

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL076_XV_Y

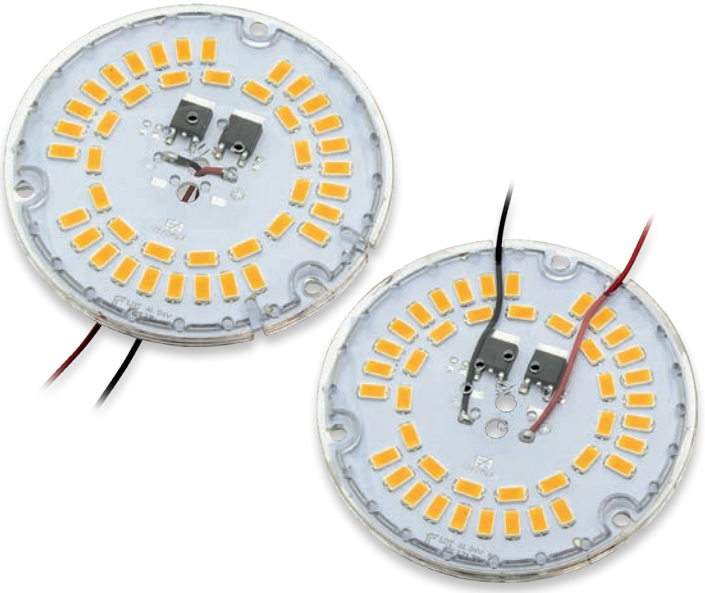
L70-B50 >38.000h @tc=75°C / TM21

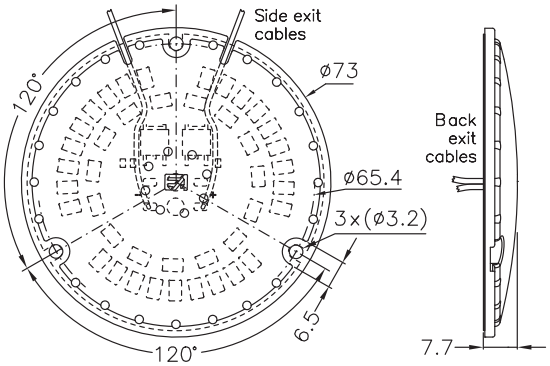
CV

120°

3 SDCM

6

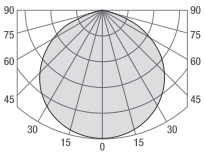




Vdc Input (V)	Power Typ (W)
24	17.6

CCT	Power Typ (W)	CRI>80		
		lm Typ	lm/W	Energy efficiency
4000K	17.6	1940	110	A F
5000K		1961	111	A F

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	42
Cover	Trasparente / *Transparent*
Dimensions	Ø 70 mm x h 2.5 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL076	XXXXX	.	XV176	XX	YAD	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL076 _ XV176 _ YAD

2 CCT + SDCM	**CRI>80**
4000K	40803
5000K	50803

3 Cavi / *Cables*

Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL386_XV

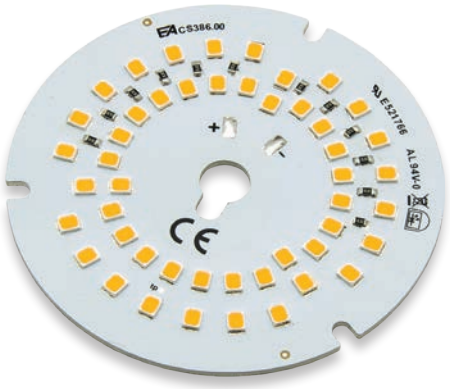
L70-B50 >85.000h @tc=90°C / TM21

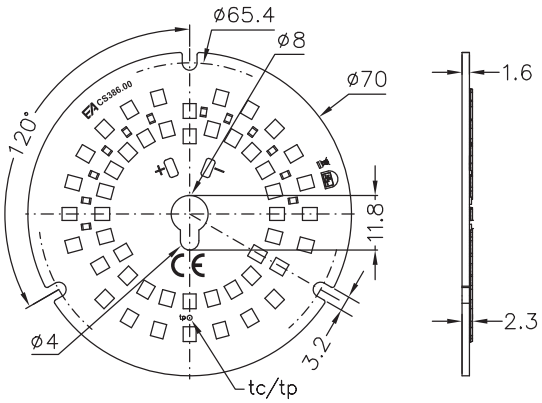
CV

120°

3 SDCM

8





Vdc Input (V)	Power Typ (W)
24	21.5

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	21.5	2793	130	E	2475	115	F
3000K		2875	134	E	2639	123	E
4000K		2957	138	E	2639	123	E
6500K		2957	138	E			

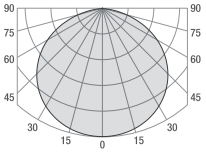
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 21.5W
On request it is possible to produce the LED board with different powers up to max 21.5W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Dimensions	Ø 70 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, connettori, pad termico, cover
Cables, connectors, thermal pad, cover

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL386 ❶ | XXXXX ❷ . XV215XXBB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL386 _ XV215XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL386_XV_Y

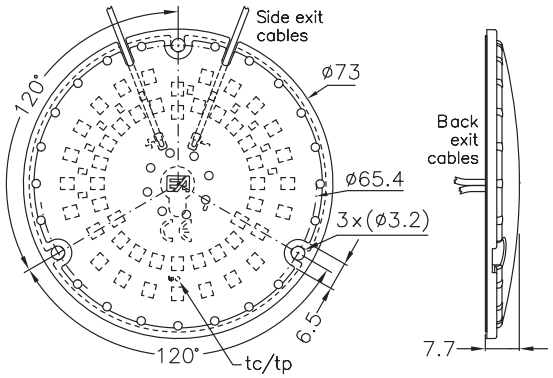
L70-B50 >85.000h @tc=90°C / TM21

CV

120°

3 SDCM

8

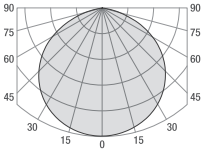


Vdc Input (V)	Power Typ (W)
24	21.5

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	21.5	2570	120	E	2347	109	F
3000K		2645	123	E	2428	113	F
4000K		2721	127	E	2428	113	F
6500K		2721	127	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 21.5W
On request it is possible to produce the LED board with different powers up to max 21.5W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Trasparente / *Transparent*
Dimensions	Ø 73 mm x h 7.7 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL386	XXXXX	.	XV215	XX	YBB	.	YYYYY
1	2		1	3	1		3

1 Codice fisso / *Fixed code* CL386 _ XV215 _ YBB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Cavi / *Cables*

Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

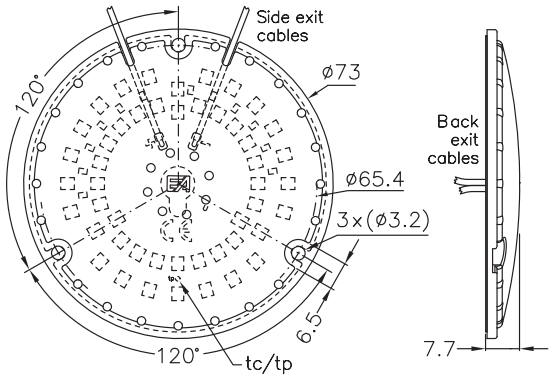
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL386_XV_Z

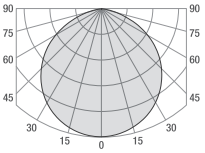
Vdc Input (V)	Power Typ (W)
24	9
	17

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	9	1025	114	F	847	94	F
3000K	9	1055	117	F	876	97	F
	17	1886	111	F			
4000K	9	1085	121	E	876	97	F
	17	1940	114	F			
6500K	9	1085	121	E			
	17	1940	114	F			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W



RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Satinata / *Frosted*
Dimensions	Ø 73 mm x h 7.7 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL386	XXXXX	.	XV	XXX	XX	ZBB	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* CL386 _ XV _ ZBB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Potenza / *Power*

9W	090
17W	170

4 Cavi / *Cables*

Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

5 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL355_XV

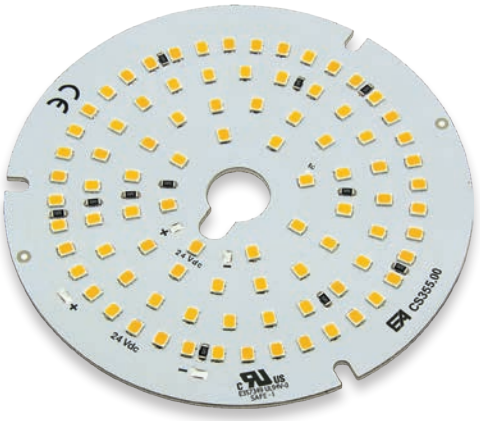
L70-B50 >70.000h @tc=90°C / TM21

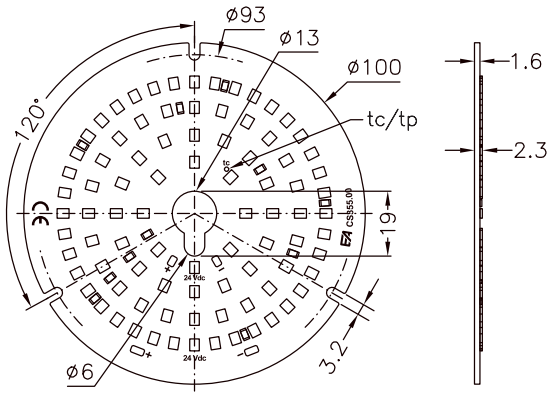
CV

120°

3 SDCM

4





Vdc Input (V)	Power Typ (W)
24	17

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	2343	138	E	2111	124	E
3000K		2365	139	E	2111	124	E
4000K		2611	154	D	2190	129	E
5000K		2611	154	D			

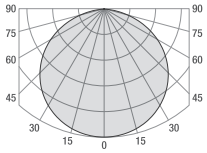
Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	88
Dimensions	Ø 100 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL355 ❶ | XXXXX ❷ | . | XV170XXBA ❶ | . | YYYYY ❸

❶ Codice fisso / *Fixed code*	CL355 _ XV170XXBA

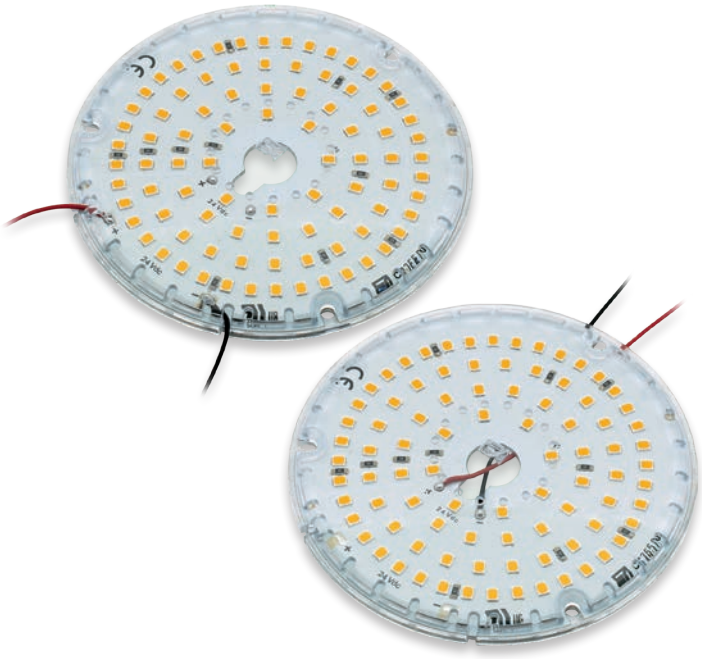
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

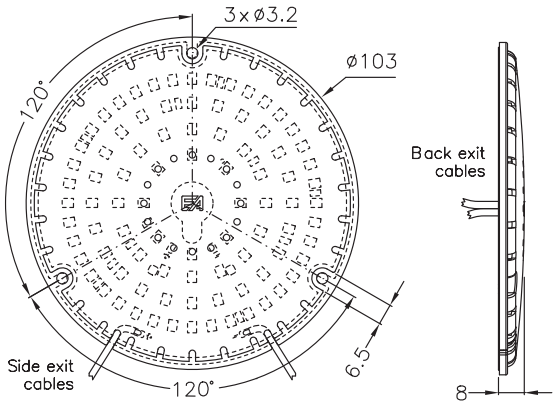
❸ Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL355_XV_Y





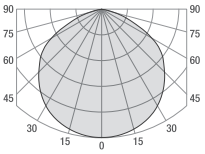
RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Trasparente / *Transparent*
Dimensions	Ø 103 mm x h 8 mm

Vdc Input (V)	Power Typ (W)
24	17

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	2156	127	E	1942	114	F
3000K		2176	128	E	1942	114	F
4000K		2402	141	E	2015	119	F
5000K		2402	141	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL355	XXXXX	.	XV170	XX	YBA	.	YYYYY
1	2		1	3	1		3

1 Codice fisso / *Fixed code* CL355 _ XV170 _ YBA

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Cavi / *Cables*

Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL355_XV_Z

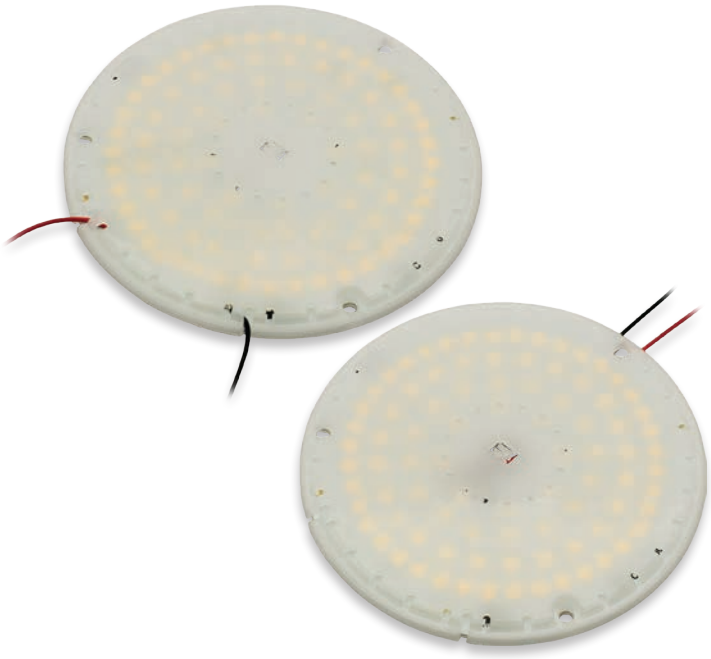
L70-B50 >70.000h @tc=90°C / TM21

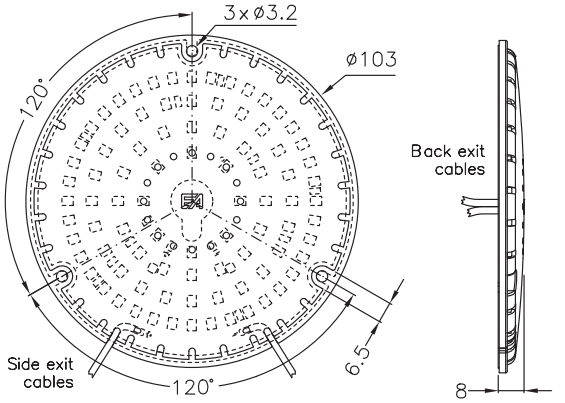
CV

120°

3 SDCM

4



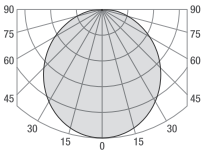


Vdc Input (V)	Power Typ (W)
24	10
	17

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	10	1117	112	F	986	99	F
3000K	10	1163	116	F	986	99	F
4000K	10	1245	125	E	1118	112	F
	17	2010	118	F			
5000K	10	1245	125	E			
	17	2010	118	F			

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Satinata / *Frosted*
Dimensions	Ø 103 mm x h 8 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL355	XXXXX	.	XV	XXX	XX	ZBA	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* CL355 _ XV _ ZBA

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803*	27903*
3000K	30803*	30903*
4000K	40803	40903*
6500K	65803	/

* Max 10W

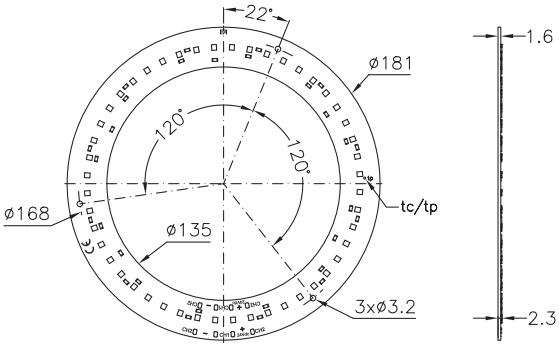
3 Potenza / *Power*	
10W	100
17W	170

4 Cavi / *Cables*	
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL331_XV1



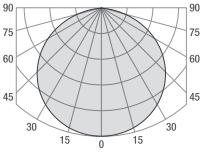
Vdc Input (V)	Power Typ (W)
24	22

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	22	2862	130	E	2548	116	F
3000K		3001	136	E	2636	120	E
4000K		3029	138	E	2636	120	E
6500K		3029	138	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino ad un max di 22W
On request it is possible to produce the LED board with different powers up to max 22W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Dimensions	Ø 181 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL331 ❶ | XXXXX ❷ . XV1220XXBB ❶ . YYYYY ❸

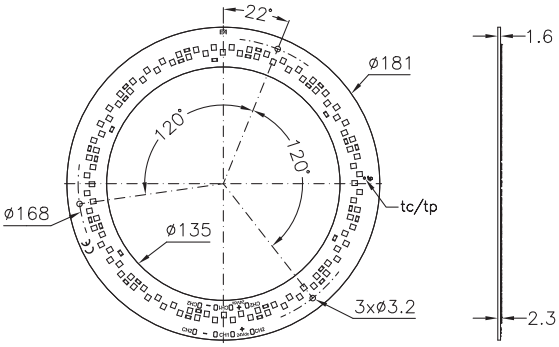
❶ **Codice fisso / *Fixed code*** CL331 _ XV1220XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL331_XV2



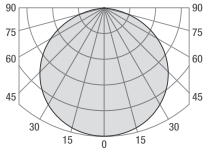
Vdc Input (V)	Power Typ (W) Ch1 + Ch2
24	45

CCT	Power Typ (W) Ch1 + Ch2	CRI>80 Ch1 + Ch2			CRI>90 Ch1 + Ch2		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	45	5610	125	E	4943	110	F
3000K		5882	131	E	5114	114	F
4000K		5938	132	E	5114	114	F
6500K		5938	132	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 45W
On request it is possible to produce the LED board with different powers up to max 45W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	96 (48+48)
Dimensions	Ø 181 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution

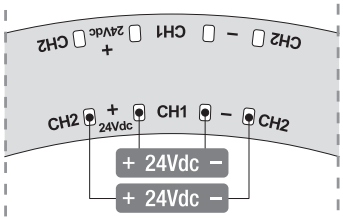


Nota tecnica / *Technical note*

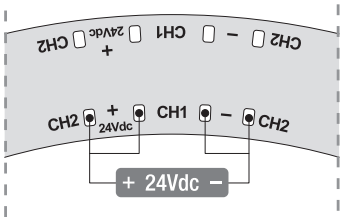
La scheda LED è composta da due circuiti da 48 LED ciascuno che possono anche essere alimentati separatamente.
Per i valori ottici ed elettrici del singolo circuito fare riferimento alla versione XV1.

The LED board consists of two circuits of 48 LEDs each which can also be powered separately. For the optical and electrical values of the single circuit refer to the XV1 version.

Schema di alimentazione
Wiring connection



2 canali / *channels*
Doppia alimentazione / *Dual power supply*



2 canali / *channels*
Singola alimentazione / *Single power supply*

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL331	XXXXX	.	XV2450XXBB	.	YYYYY
❶	❷		❶		❸

❶ **Codice fisso / *Fixed code*** CL331 _ XV2450XXBB

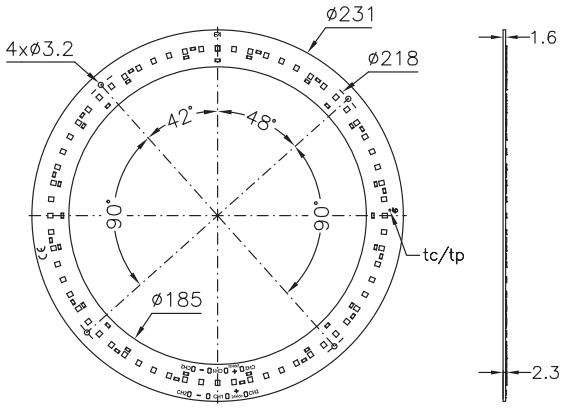
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL332_XV1



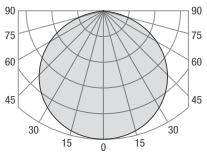
Vdc Input (V)	Power Typ (W)
24	27

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	27	3615	134	E	3140	116	F
3000K		3764	139	E	3249	120	E
4000K		3871	143	E	3249	120	E
6500K		3871	143	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 27W
On request it is possible to produce the LED board with different powers up to max 27W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	64
Dimensions	Ø 231 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL332	XXXXX	.	XV1270XXBB	.	YYYYY
1	2		1		3

1 Codice fisso / *Fixed code* CL332 _ XV1270XXBB

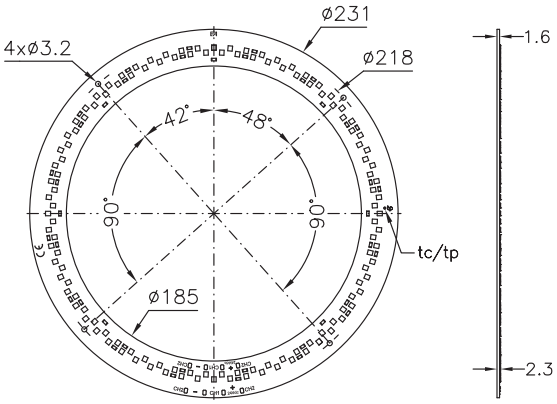
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL332_XV2



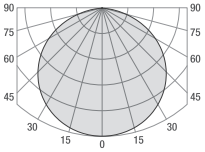
Vdc Input (V)	Power Typ (W) Ch1 + Ch2
24	54

CCT	Power Typ (W) Ch1 + Ch2	CRI>80 Ch1 + Ch2			CRI>90 Ch1 + Ch2		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	54	7086	131	E	6155	114	F
3000K		7377	137	E	6367	118	F
4000K		7588	141	E	6367	118	F
6500K		7588	141	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 54W
On request it is possible to produce the LED board with different powers up to max 54W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	128 (64+64)
Dimensions	Ø 231 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution

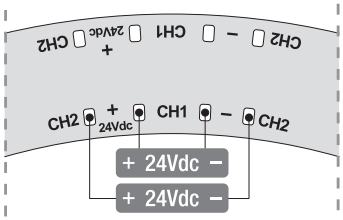


Nota tecnica / *Technical note*

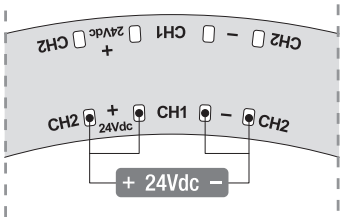
La scheda LED è composta da due circuiti da 64 LED ciascuno che possono anche essere alimentati separatamente.
Per i valori ottici ed elettrici del singolo circuito fare riferimento alla versione XV1.

The LED board consists of two circuits of 64 LEDs each which can also be powered separately.
For the optical and electrical values of the single circuit refer to the XV1 version.

Schema di alimentazione
Wiring connection



2 canali / *channels*
Doppia alimentazione / *Dual power supply*



2 canali / *channels*
Singola alimentazione / *Single power supply*

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL332	XXXXX	.	XV2540XXBB	.	YYYYY
❶	❷		❶		❸

❶ **Codice fisso / *Fixed code*** CL332 _ XV2540XXBB

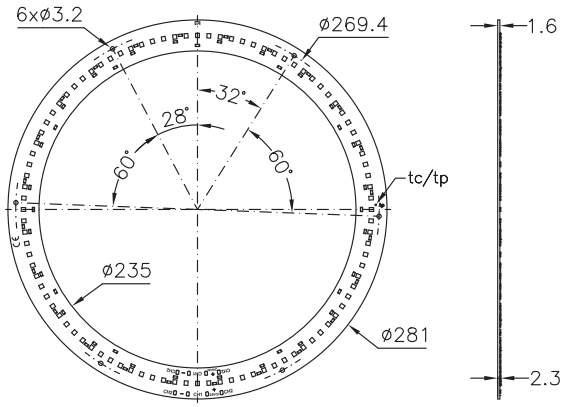
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL333_XV1



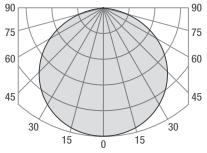
Vdc Input (V)	Power Typ (W)
24	40

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	40	5335	133	E	4536	113	F
3000K		5724	143	E	4891	122	E
4000K		5888	147	D	4891	122	E
6500K		5888	147	D			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 40W
On request it is possible to produce the LED board with different powers up to max 40W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	96
Dimensions	Ø 281 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

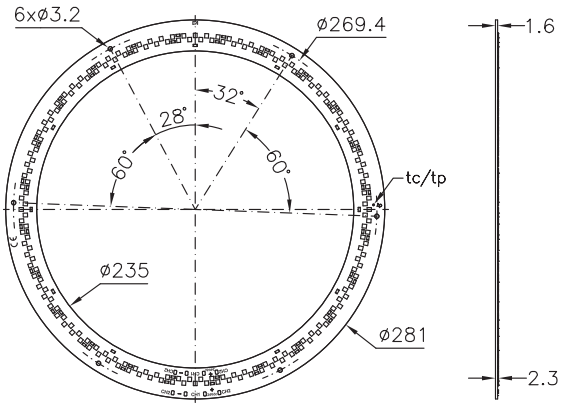
CL333 (1) | XXXXX (2) . XV1400XXBB (1) . YYYYY (3)

(1) **Codice fisso / *Fixed code***	CL333 _ XV1400XXBB	
(2) **CCT + SDCM**	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

(3) **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL333_XV2



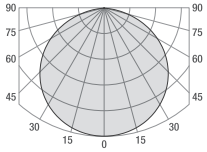
Vdc Input (V)	Power Typ (W) Ch1 + Ch2
24	80

CCT	Power Typ (W) Ch1 + Ch2	CRI>80 Ch1 + Ch2			CRI>90 Ch1 + Ch2		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	80	10457	131	E	8890	111	F
3000K		11219	140	E	9586	120	E
4000K		11540	144	E	9586	120	E
6500K		11540	144	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 80W
On request it is possible to produce the LED board with different powers up to max 80W

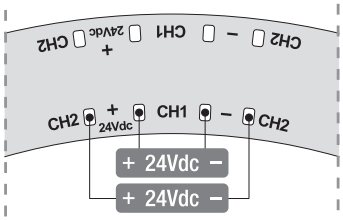
RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	192 (96+96)
Dimensions	Ø 281 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution

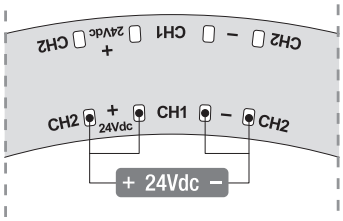


Nota tecnica / *Technical note*
La scheda LED è composta da due circuiti da 96 LED ciascuno che possono anche essere alimentati separatamente.
Per i valori ottici ed elettrici del singolo circuito fare riferimento alla versione XV1.
The LED board consists of two circuits of 96 LEDs each which can also be powered separately.
For the optical and electrical values of the single circuit refer to the XV1 version.

Schema di alimentazione
Wiring connection



2 canali / *channels*
Doppia alimentazione / *Dual power supply*



2 canali / *channels*
Singola alimentazione / *Single power supply*

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL333	XXXXX	.	XV2800XXBB	.	YYYYY
❶	❷		❶		❸

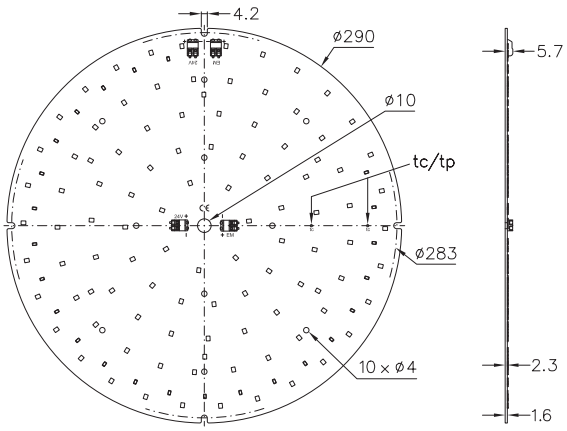
❶ **Codice fisso / *Fixed code*** CL333 _ XV2800XXBB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL345_XV



Vdc Input (V)	Power Typ (W)
24	45

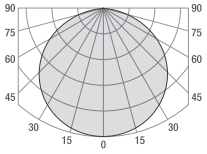
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	45	6216	138	E	5322	118	F
3000K		6226	138	E	5506	122	E
4000K		6582	146	D	5506	122	E
6500K		6582	146	D			

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

	CCT	CC Input (mA)	V Typ (V)	Power Typ (W)	lm Typ CRI>80	lm Typ CRI>90
Emergenza / *Emergency*	2700K	350	2.9	1	163	131
		500	3	1.5	224	184
		700	3.1	2.2	304	255
	3000K	350	2.9	1	168	136
		500	3	1.5	230	191
		700	3.1	2.2	313	264
	4000K	350	2.9	1	172	136
		500	3	1.5	237	191
		700	3.1	2.2	322	264
	6500K	350	2.9	1	172	
		500	3	1.5	237	
		700	3.1	2.2	322	

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	96 + 6 Emergency
Dimensions	Ø 290 mm x h 2.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connetori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL345	XXXXX	.	XX	450XXBB	.	YYYYY
1	2		3	1		4

1 Codice fisso / *Fixed code* CL345 _ 450XXBB

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Emergenza / *Emergency*	
NO	XV
SI / *YES*	XW

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL443_XV

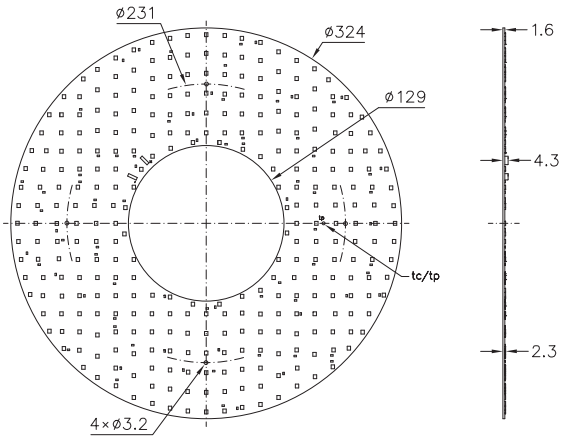
L70-B50 >180.000h @tc=75°C / TM21

CV

120°

3 SDCM

1



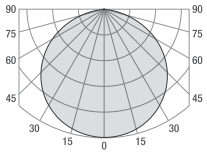
Vdc Input (V)	Power Typ (W)
24	45

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	45	6165	137	E	5231	116	F
3000K		6398	142	E	5466	121	E
4000K		6747	150	D	5818	129	E
5000K		6863	153	D	5936	132	E

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a 45W
On request it is possible to produce the LED board with different powers up to 45W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	312
Dimensions	Ø 324 mm x h 4.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

CL443 ① | XXXXX ② . XV160FXLA ① . YYYYY ③

① Codice fisso / *Fixed code*	CL443 _ XV160FXLA

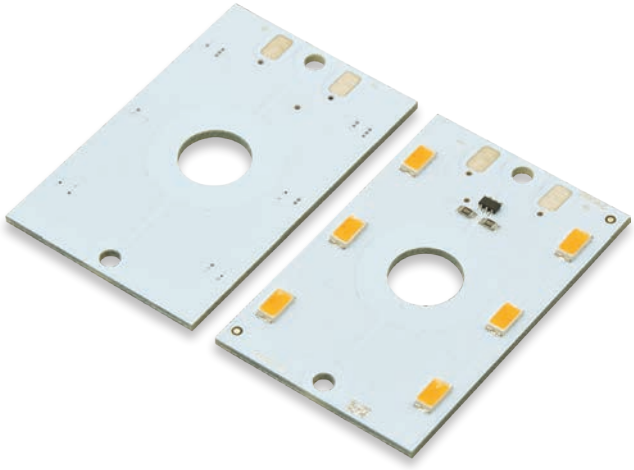
② CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

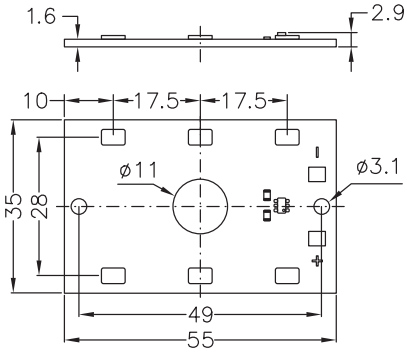
③ Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL060_XV



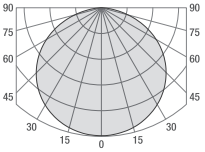


Vdc Input (V)	Power Typ (W)
24	2

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2	236	118	F	183	92	G
3000K		236	118	F	191	96	F
4000K		236	118	F	202	101	F
5000K		238	119	E			

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	4
Dimensions	55 x 35 mm - h 2.9 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL060 ❶ | XXXXX ❷ . XV020XXAD ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL060 _ XV020XXAD

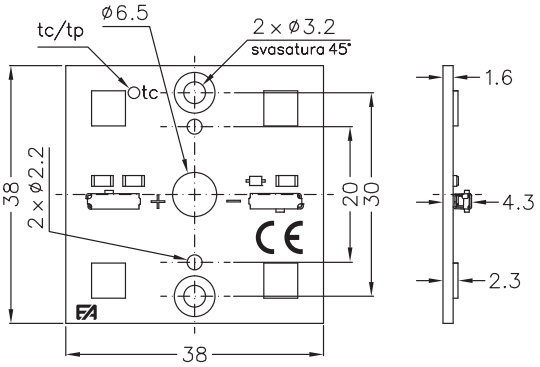
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL551_XV



Vdc Input (V)	Power Typ (W)
24	12

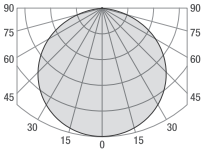
CCT	Power Typ (W)	CRI>80		
		lm Typ	lm/W	Energy efficiency
2200K	12	1400	117	E
2700K		1585	132	E
3000K		1710	142	E
4000K		1847	154	D

Su richiesta è possibile produrre la scheda LED con potenze diverse fino ad un massimo di 12W e con tempreture colore fino a 6500K

On request it is possible to produce the LED board with different powers up to a maximum of 12W and with color temperatures up to 6500K

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	4
Dimensions	38 x 38 mm x h 4.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Pad termico / *Thermal pad*

Codice ordine standard / *Standard order code*
Con connettori, senza pad termico e altri accessori
With connectors, without thermal pad and other accessories

CL551 ❶ | XXXXX ❷ | . | XV120GXYFC ❶ | . | YYYYY ❸

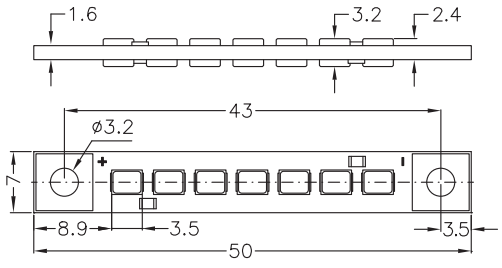
❶ Codice fisso / *Fixed code*	CL551 _ XV120GXYFC

❷ CCT + SDCM	CRI>80
2200K	22803
2700K	27803
3000K	30803
4000K	40803

❸ Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

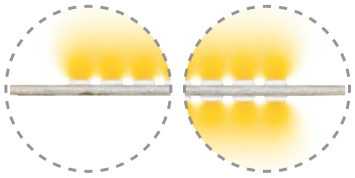
CL218_XV



Vdc Input (V)	Power Typ (W)
24	1
	1.2
	1.4

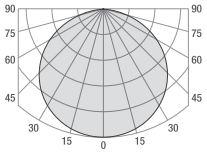
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	1	132	132	E	112	112	F
	1.2	155	129	E	132	110	F
	1.4	178	45	E	153	38	F
3000K	1	140	140	E	112	112	F
	1.2	164	137	E	132	110	F
	1.4	188	47	E	153	38	F
4000K	1	148	148	D	127	127	E
	1.2	173	144	E	150	125	E
	1.4	198	50	E	173	43	E
5000K	1	148	148	D			
	1.2	173	144	E			
	1.4	198	50	E			

Singola o doppia emissione luminosa
Single or double light output



RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	Singola emissione/*single output:* 7 Doppia emissione/*double output:* 14
Dimensions	50 x 7 mm - h 2.4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL218	XXXXX	.	XV	XXXX	XXAB	.	YYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL218 _ XV _ XXBB

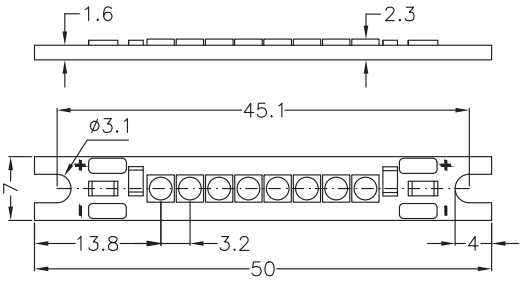
2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Potenza / *Power*	**1W**	**1.2W**	**1.4W**
Singola / *Single:* 7 LEDs	1010	1012	1014
Doppia / *Double:* 14 LEDs	2010	2012	2014

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL590_XV



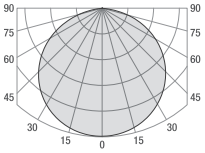
Vdc Input (V)	Power Typ (W)
24	2.5
	4.2

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3030
LED Q.ty	8
Dimensions	50 x 7 mm - h 2.3 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.5	363	145	E	300	120	E
	4.2	588	140	E	486	116	F
3000K	2.5	377	151	D	333	133	E
	4.2	610	145	E	540	129	E
4000K	2.5	400	160	D			
	4.2	648	154	D			
5700K	2.5	400	160	D			
	4.2	648	154	D			

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL590	XXXXX	.	XV	XXX	XXDB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL590 _ XV _ XXDB

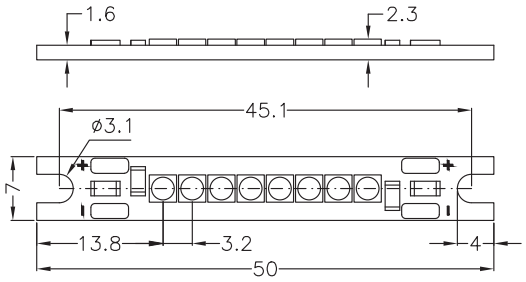
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5700K	57803	/

3 Potenza / *Power*	
2.5W	025
4.2W	042

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL107_XV



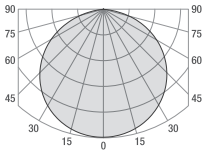
Vdc Input (V)	Power Typ (W)
12	2.5
	4.2
	5.8

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3030
LED Q.ty	8
Dimensions	50 x 7 mm - h 2.3 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.5	403	161	D	333	133	E
	4.2	615	146	D	539	128	E
	5.8	863	149	D	713	123	E
3000K	2.5	418	167	D	340	136	E
	4.2	620	148	D	551	131	E
	5.8	865	149	D	728	126	E
4000K	2.5	444	178	C			
	4.2	684	163	D			
	5.8	865	149	D			
5700K	2.5	444	178	C			
	4.2	684	163	D			
	5.8	950	164	D			

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL107	XXXXX	.	XV	XXX	XXDB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL107 _ XV _ XXDB

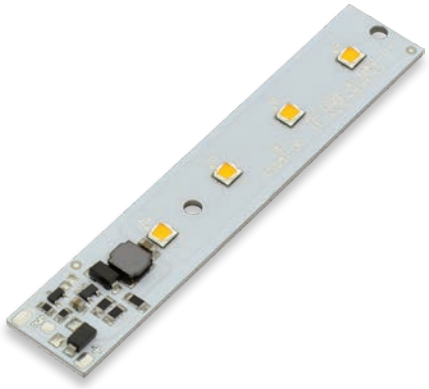
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5700K	57803	/

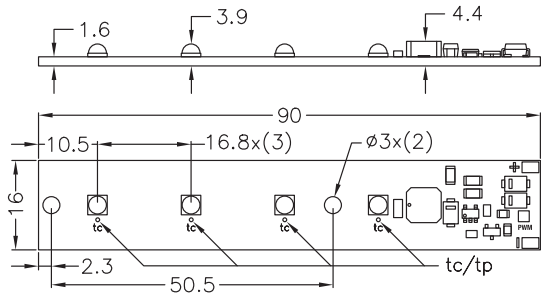
3 Potenza / *Power*	
2.5W	025
4.2W	042
5.8W	058

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL051_XV





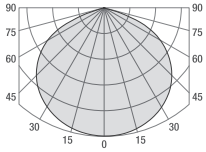
Vdc Input (V)	Power Typ (W)
24	4
	8
	10

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	CRI>80 Energy efficiency	CRI>90 Im Typ	CRI>90 Im/W	CRI>90 Energy efficiency
2700K	4	571	143	E	438	109	F
	8	1000	125	E	763	95	F
	10	1198	120	E			
3000K	4	599	150	D	465	116	F
	8	1049	131	E	811	101	F
	10	1257	126	E	960	96	F
4000K	4	627	157	D	499	125	E
	8	1098	137	E	869	109	F
	10	1316	132	E	1029	103	F
5700K	4	641	160	D			
	8	1123	140	E			
	10	1345	135	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 10W
On request it is possible to produce the LED board different powers up to max 10W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Dimensions	90 x 16 mm - h 4.4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL051 ❶ | XXXXX ❷ . XV ❶ | XXX ❸ | XXAB ❶ . YYYYY ❹

❶ **Codice fisso / *Fixed code*** CL051 _ XV _ XXAB

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Potenza / *Power***

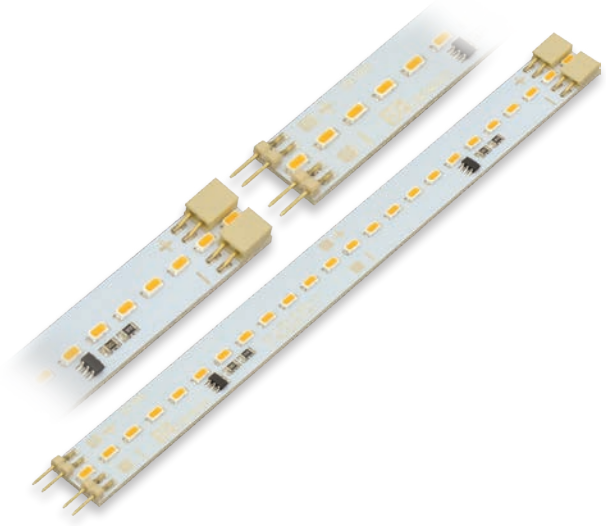
4W	040
8W	080
10W	100

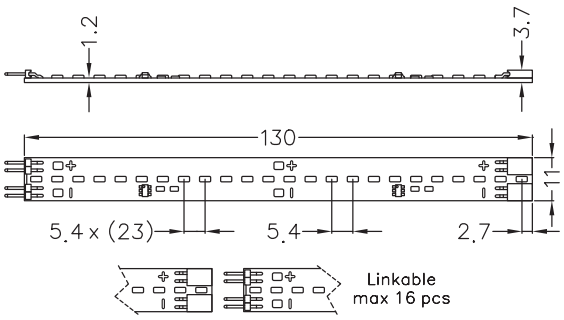
❹ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL046_XV



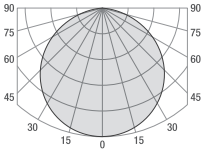


Vdc Input (V)	Power Typ (W)
24	3.5

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	3.5	317	91	F	288	82	G
3000K		374	107	F			
4000K		403	115	E			

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	LUMILEDS LUXEON® 3014
LED Q.ty	24
Dimensions	130 x 11 mm - h 3.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

CL046 ❶ | XXXXX ❷ | . | XV035KXDA ❶ | . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL046 _ XV035KXDA

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	/
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL396_XV

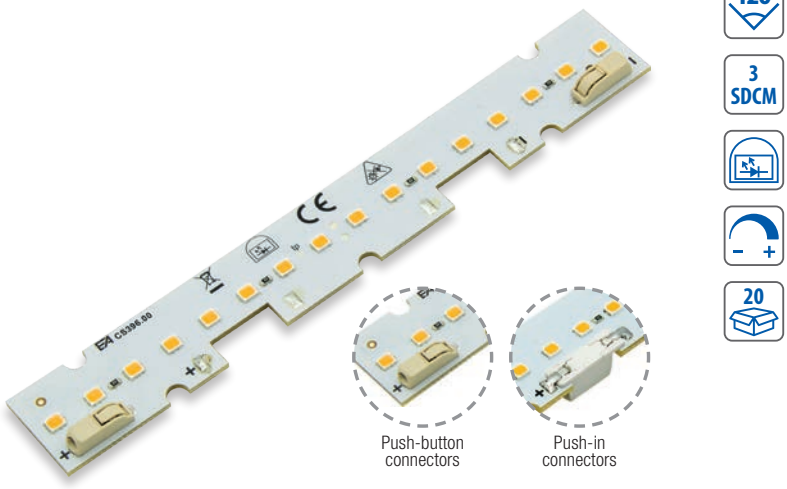
L70-B50 >100.000h @tc=75°C / TM21

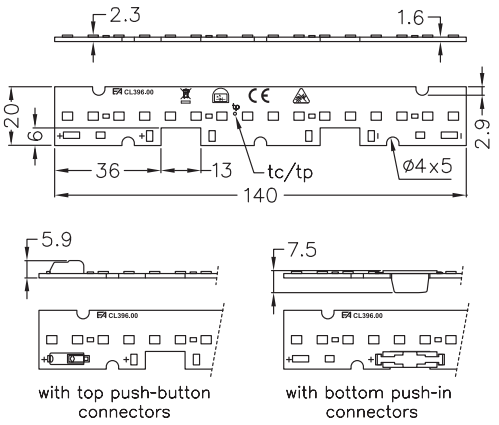
CV

120°

3 SDCM

20



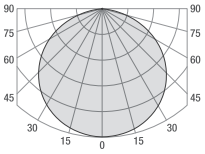


Vdc Input (V)	Power Typ (W)
12	8

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	8	1187	148	D	1007	126	E
3000K		1187	148	D	1032	129	E
4000K		1278	160	D	1081	135	E
5000K		1294	162	D	1097	137	E

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	16
Dimensions	140 x 20 mm - h 5.9 / 7.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL396 ❶ | XXXXX ❷ . | XV080XXLB ❶ . | YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL396 _ XV080XXLB

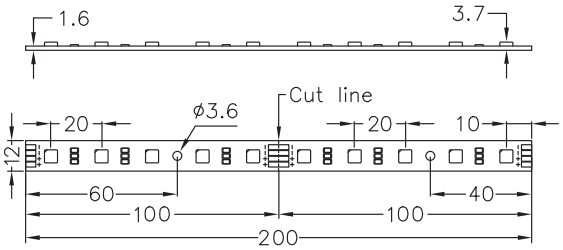
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL037_XV

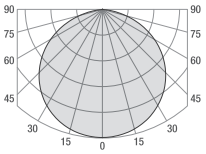


Vdc Input (V)	Power Typ (W)
24	3

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	3	225	75	A G
3100K		225	75	A G

RA/CRI	CRI>80
PCB	FR4 1.6 mm
LED type	5050
LED Q.ty	10
Dimensions	200 x 12 mm - h 3.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL037	XXXXX	.	XV030XXIA	.	YYYYY
❶	❷		❶		❸

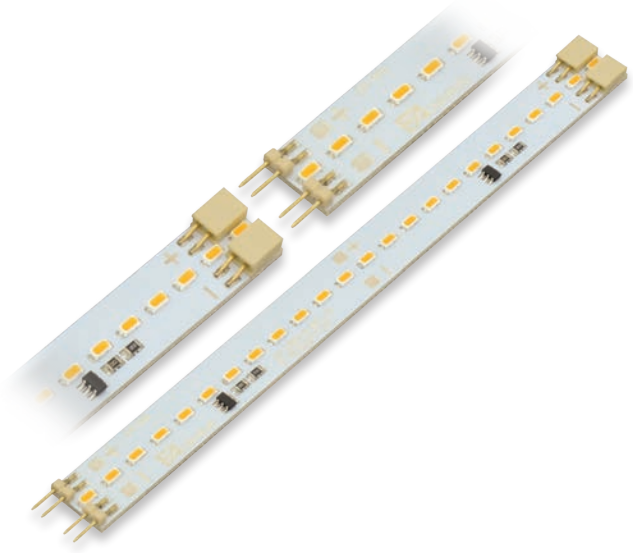
❶ **Codice fisso / *Fixed code*** CL0370 _ XV030XXIA

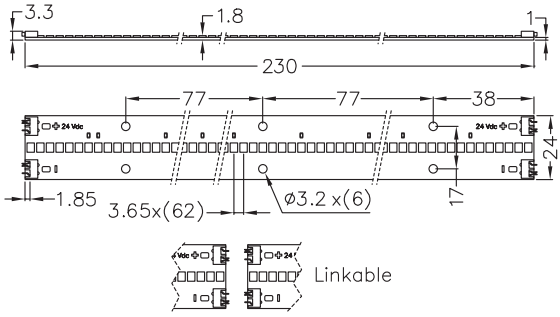
❷ CCT + SDCM	CRI>80
2700K	27803
3100K	31803

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL049_XV



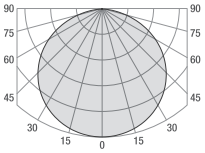


Vdc Input (V)	Power Typ (W)
24	5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	5	678	136	E	574	115	F
3000K		717	143	E	574	115	F
4000K		756	151	D	651	130	E
5000K		756	151	D			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1 mm
LED type	OSRAM® 2835
LED Q.ty	63
Dimensions	230 x 24 mm - h 3.3 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

CL049	XXXXX	.	XV050KXBA	.	YYYYY
1	2		1		3

1 Codice fisso / *Fixed code* CL049 _ XV050KXBA

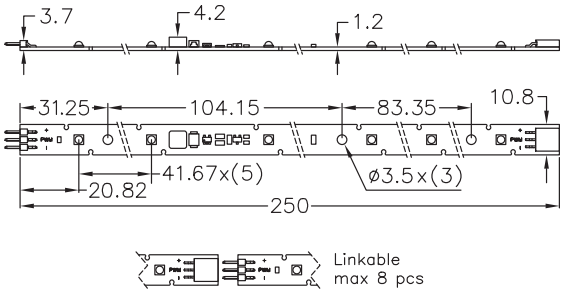
2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL032_XV

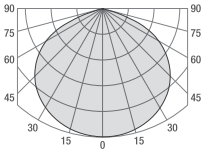


Vdc Input (V)	Power Typ (W)
12~24	7

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	7	898	128	E	702	100	F
3000K		942	135	E	747	107	F
4000K		986	141	E	800	114	F
5000K		1008	144	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1 mm
LED type	SEOUL® Z5M4
LED Q.ty	6
Dimensions	250 x 10.8 mm - h 4.2 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

CL032 ❶ | XXXXX ❷ . XV070KXAB ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL032 _ XV070KXAB

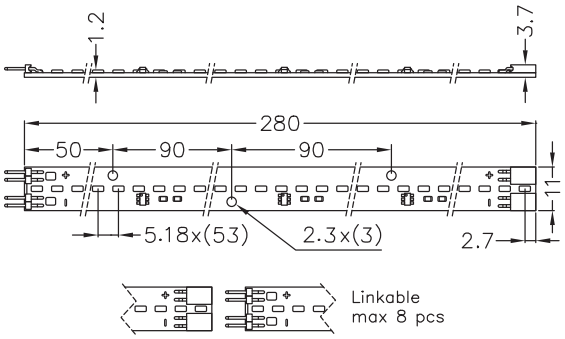
❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL031_XV

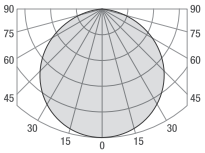


Vdc Input (V)	Power Typ (W)
24	6.9

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	6.9	677	98	F	616	89	G
3000K		800	116	F			
4000K		862	125	E			

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.2 mm
LED type	LUMILEDS LUXEON® 3014
LED Q.ty	54
Dimensions	280 x 11 mm - h 3.7 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

CL031	XXXXX	.	XV069KXDA	.	YYYYY
1	2		1		3

1 **Codice fisso / *Fixed code***	CL031 _ XV069KXDA

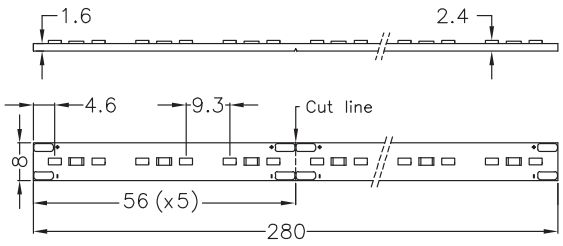
2 **CCT + SDCM**	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	/
4000K	40803	/

3 **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL088_XV

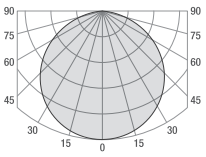


Vdc Input (V)	Power Typ (W)
24	3.8

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	3.8	374	98	F	340	89	G
3000K		442	116	F			
4000K		476	125	E			

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	LUMILEDS LUXEON® 3014
LED Q.ty	30
Dimensions	280 x 8 mm - h 2.4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL088	XXXXX	.	XV038XXDA	.	YYYYY
❶	❷		❶		❸

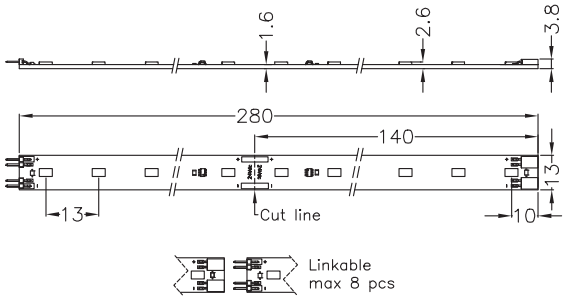
❶ **Codice fisso / *Fixed code*** CL088 _ XV038XXDA

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	/
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL114_XV

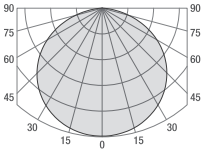


Vdc Input (V)	Power Typ (W)
24	6.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	6.3	790	125	E	606	96	F
3000K		790	125	E	631	100	F
4000K		790	125	E	667	106	F
5000K		798	127	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	14
Dimensions	280 x 13 mm - h 3.8 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

CL114 ❶ | **XXXXX** ❷ . **XV063KXAD** ❶ . **YYYYY** ❸

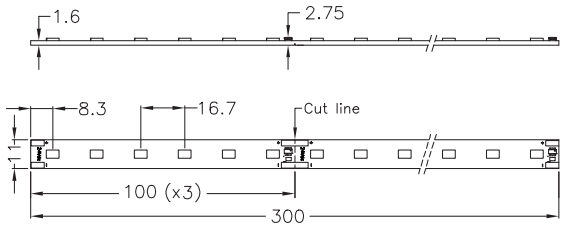
❶ **Codice fisso / *Fixed code*** CL114 _ XV063KXAD

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

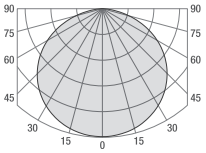
CL084_XV



Vdc Input (V)	Power Typ (W)
24	3
	8
	10

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3	334	111	F	281	94	F
	8	820	103	F			
	10	1023	102	F			
3000K	3	334	111	F	293	98	F
	8	820	103	F	742	93	F
	10	1023	102	F			
4000K	3	334	111	F	310	103	F
	8	820	103	F	785	98	F
	10	1023	102	F			
5000K	3	338	113	F			
	8	829	104	F			
	10	1034	103	F			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	18
Dimensions	300 x 11 mm - h 2.75 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL084	XXXXX	.	XV	XXX	XXAD	.	YYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL084 _ XV _ XXAD

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903*
3000K	30803	30903**
4000K	40803	40903**
5000K	50803	/

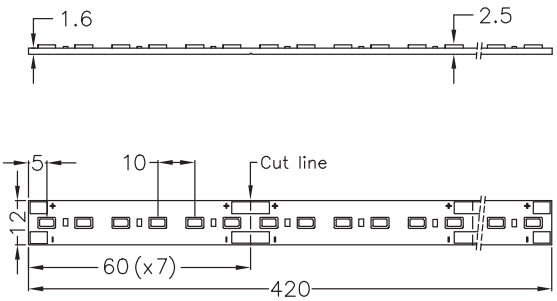
*Max 3W / **Max 8W

3 Potenza / *Power*	
3W	030
8W	080
10W	100

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL095_XV



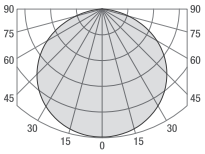
Vdc Input (V)	Power Typ (W)
24	10
	20

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	10	1157	116	F	954	95	F
	20	2240	112	F			
3000K	10	1157	116	F	994	99	F
	20	2240	112	F			
4000K	10	1157	116	F	1052	105	F
	20	2240	112	F			
5000K	10	1169	117	F			
	20	2264	226	F			

Su richiesta è possibile produrre la scheda LED con potenze diverse:
CRI>80 fino ad un massimo di 20W / CRI>90 fino ad un massimo di 10W

On request it is possible to produce the LED board with different powers:
CRI>80 up to a maximum of 20W / CRI>90 up to a maximum of 10W

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	42
Dimensions	420 x 12 mm - h 2.5 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL095	XXXXX	.	XV	XXX	XXAD	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL095 _ XV _ XXAD

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Potenza / *Power*

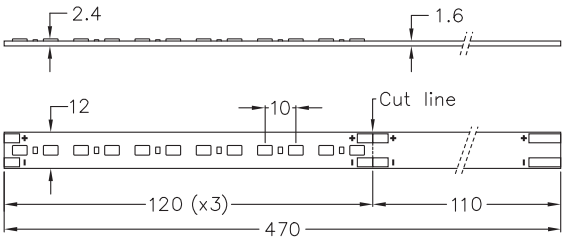
10W	100
20W	200

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL070_XV

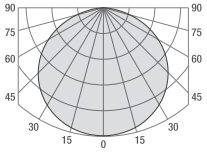


Vdc Input (V)	Power Typ (W)
24	8

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	8	887	111	F	764	96	F
3000K		907	113	F	796	100	F
4000K		907	113	F	842	105	F
5000K		916	115	F			

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	36
Dimensions	470 x 12 mm - h 2.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL070 ❶ | XXXXX ❷ . XV080XXAD ❶ . YYYYY ❸

❶ **Codice fisso / *Fixed code*** CL070 _ XV080XXAD

❷ CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL165_XV

L70-B50 >100.000h @tc=90°C / TM21

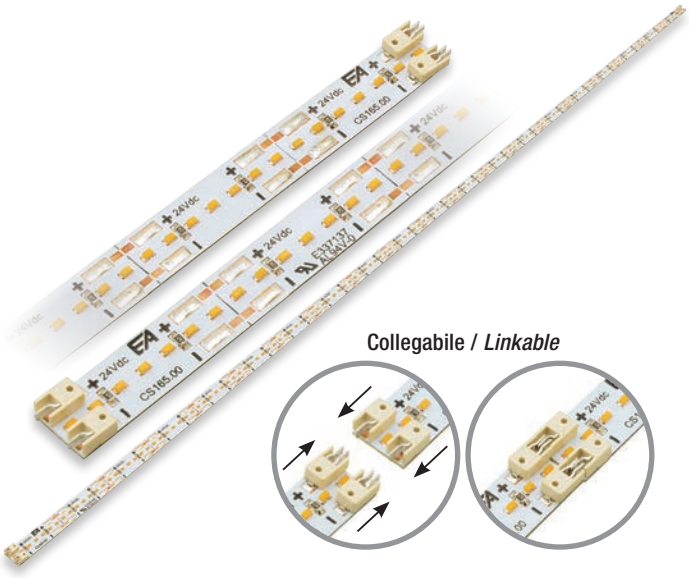
CV

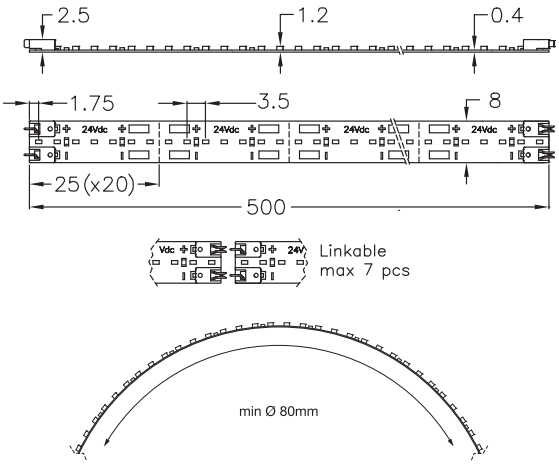
180°

3 SDCM

Flex

10





Vdc Input (V)	Power Typ (W)	Linkable LED boards (Max)
24	9.6	7
	14.4	5
	20	3

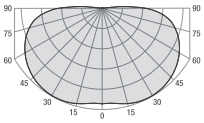
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	9.6	1158	121	E	989	103	F
	14.4	1720	119	E	1459	101	F
	20	2230	111	F			
3000K	9.6	1194	124	E	989	103	F
	14.4	1720	119	E	1459	101	F
	20	2230	111	F			
4000K	9.6	1194	124	E			
	14.4	1720	119	E			
	20	2230	111	F			
5000K	9.6	1421	148	D			
	14.4	2046	142	E			
	20	2652	133	E			

Portata massima dei connettori maschio/femmina 3A.
Maximum load for male/female connectors 3A.

Su richiesta è possibile produrre la scheda con potenze diverse fino a 20W max.
LED board for different powers available on request up to max 20W.

RA/CRI	CRI>80, CRI>90
PCB	FR4 0.4 mm
LED type	NICHIA®
LED Q.ty	140
Dimensions	500 x 8 mm - h 2.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, connettori / *Cables, thermal pad, connectors*

Codice ordine standard / *Standard order code*
Con connettori, senza cavi, pad termico e altri accessori
With connectors, without cables, thermal pad and other accessories

CL165	XXXXX	.	XV	XXX	KXEA	.	YYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL165 _ XV _ KXEA

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

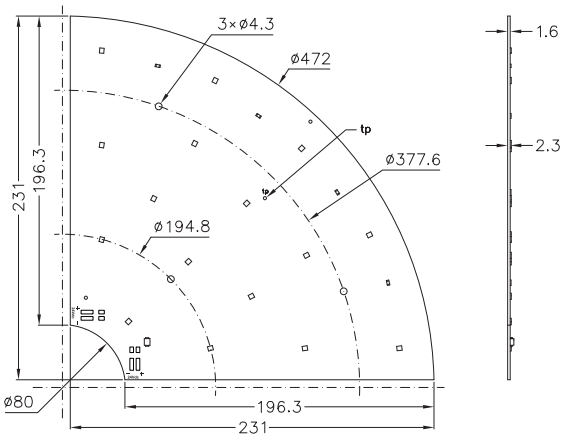
3 Potenza / *Power*

9.6W	096
14.4W	144
20W	200

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL462_XV



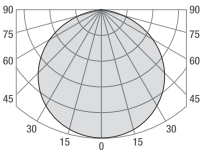
Vdc Input (V)	Power Typ (W)
24	7.5

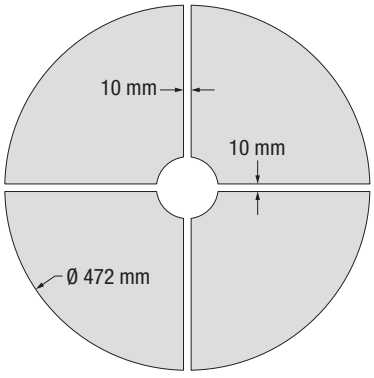
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.5	1061	141	E	900	120	E
3000K		1090	145	E	922	123	E
4000K		1141	152	D	966	129	E
5000K		1156	154	D	980	131	E

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	16
Dimensions	231 x 231 mm x h 2.3 mm (Ø 472 mm)

Curva tipica di distribuzione della luce
Luminous intensity distribution





Unendo 4 schede si realizza una forma circolare Ø 472 mm circa.
Connecting 4 LED boards together you can realize a Round shape of about Ø 472 mm.

Accessori / *Accessories*
Cavi, pad termico, connettori, lente
Cables, thermal pad, connectors, lens

Codice ordine standard / *Standard order code*
Senza connettori, senza cavi, pad termico e altri accessori
Without connectors, without cables, thermal pad and other accessories

CL462	XXXXX	.	XV075XXXLB	.	YYYYY
1	2		1		3

1 Codice fisso / *Fixed code* CL462 _ XV075XXXLB

2 CCT + SDCM	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL462_XV_V

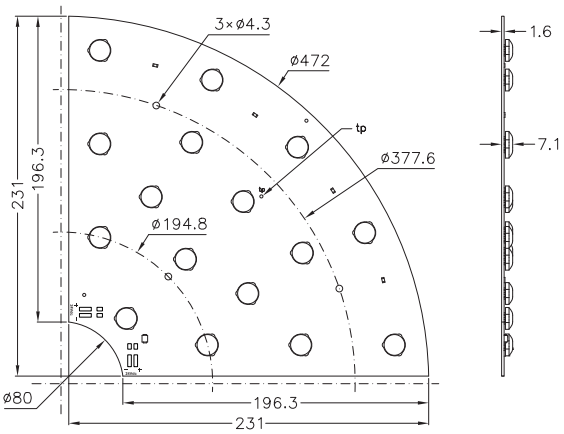
L70-B50 >180.000h @tc=75°C / TM21

CV

160°

3 SDCM

1



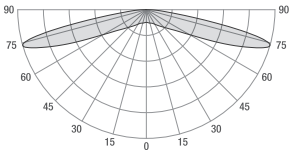
Vdc Input (V)	Power Typ (W)
24	7.5

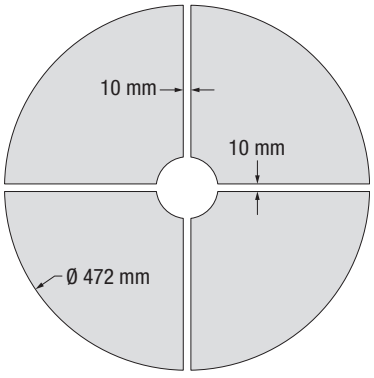
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.5	1029	137	E	873	116	F
3000K		1057	141	E	894	119	E
4000K		1107	148	D	937	125	E
5000K		1121	149	D	951	127	E

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

RA/CRI	CRI>80, CRI>90
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED Q.ty	16
Dimensions	231 x 231 mm x h 7.1 mm (Ø 472 mm)

Curva tipica di distribuzione della luce
Luminous intensity distribution





Unendo 4 schede si realizza una forma circolare Ø 472 mm circa.
Connecting 4 LED boards together you can realize a Round shape of about Ø 472 mm.

Accessori / *Accessories*
Cavi, pad termico, connettori
Cables, thermal pad, connectors

Codice ordine standard / *Standard order code*
Con lenti asimmetriche (160°), senza connettori, senza cavi, pad termico e altri accessori
With asymmetric lenses (160°), without connectors, without cables, thermal pad and other accessories

CL462	XXXXX	.	XV075XXVLB	.	YYYYY
1	2		1		3

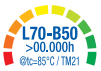
1 Codice fisso / *Fixed code* CL462 _ XV075XXVLB

2 CCT + SDCM	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Schede LED a tensione di rete
Mains voltage LED boards

Legenda	***Legend***	
Durata di vita della sorgente luminosa / *Lifetime of the light source*	
Classe efficienza energetica / *Energy efficiency class*	
Tensione di rete 220~240Vac / *220~240Vac main voltage*	
Tensione di rete 110~120Vac / *110~120Vac main voltage*	
Angolo fascio luminoso / *Beam angle*	
Step MacAdam / *MacAdam step*	
Modulo LED da incorporare / *Built-in lighting module*	
Solo per applicazioni interne / *Only for indoor applications*	
Solo per applicazioni esterne / *Only for outdoor applications*	
Dimmerabile / *Dimmable*	
Schede LED per singolo pannello / *LED boards for single panel*	

Schede LED / *LED boards*	
220~240Vac	**135 › 156**
110~120Vac	**157 › 160**

Tmax - Temperatura d'esercizio | ***Working temperature***

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED.

To be tested on final application measured at LED board t_c / t_p (if present) or at the nearest point to the LED.

Dissipazione | ***Dissipation***

Al fine di una corretta dissipazione le schede LED devono essere fissate su una struttura in alluminio.

In order to obtain correct dissipation, fix the LED boards to an aluminium support.

Tolleranze | ***Tolerances***

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Spessore PCB / *PCB thickness:* ±10%
Ø fori / hole Ø: ±0.1mm

Varianti e accessori | ***Variants and accessories***

Da definire in fase d'ordine / *To be chosen when ordering*

Note | ***Notes***

Le schede LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare le schede e/o apportare modifiche alle stesse ed evitare di collegarle sotto tensione. In base al dimmer utilizzato può variare il range di dimmerazione. A bassi valori di dimmerazione potrebbe verificarsi un aumento del flicker e causare lo spegnimento di alcuni gruppi di LED.

LED boards contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED boards and/or not to modify them. Avoid connecting the LED boards while they are powered.

Depending on the dimmer used, the dimming range may change. At low dimming values, flicker increase, and some groups of LEDs switch off.

CL147

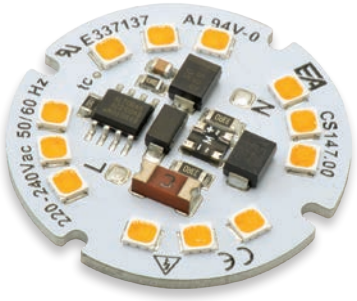
L70-B50 >54.000h @tc=80°C / TM21

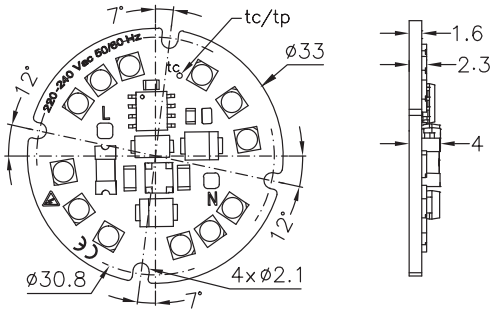
220

120°

3 SDCM

20





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	4.5

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	4.5	495	110	E	441	98	F
3000K		495	110	E	441	98	F
4000K		495	110	E			

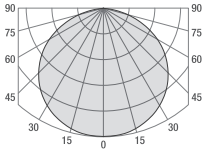
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 4.5W
On request it is possible to produce the LED board with different powers up to max 4.5W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Stroboscopic effect	SVM 3.51
Flicker	$P_{st}LM$ 0.1
Power factor	0.99
Dimensions	Ø 33 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL147	XXXXX	.	M045XXXAG	.	YYYYY
❶	❷		❶		❸

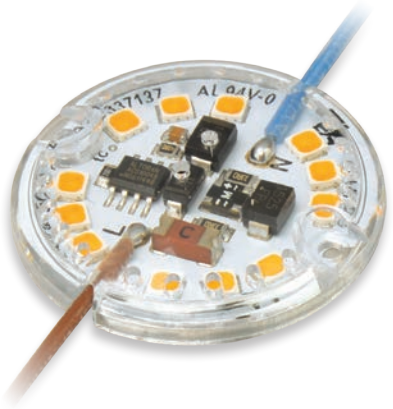
❶ **Codice fisso / *Fixed code*** CL147 _ M045XXXAG

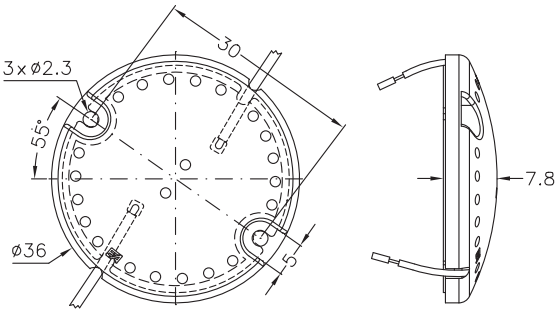
❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL147_Y





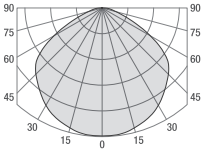
Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	4.5

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	4.5	456	101	A-G F	387	86	A-G F
3000K		456	101	A-G F	387	86	A-G F
4000K		456	101	A-G F			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 4.5W
On request it is possible to produce the LED board with different powers up to max 4.5W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.51
Flicker	$P_{st}LM$ 0.1
Power factor	0.99
Dimensions	Ø 36 mm x h 7.8 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL147	XXXXX	.	M045AXYAG	.	YYYYY
❶	❷		❶		❸

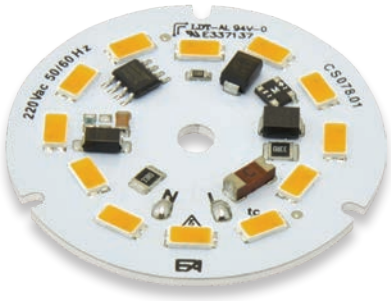
❶ **Codice fisso / *Fixed code*** CL147 _ M045AXYAG

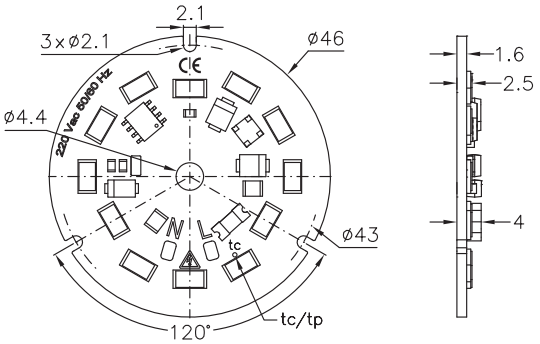
❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL078





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	5

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	5	550	110	E
3000K		550	110	E
4000K		550	110	E
5000K		550	110	E

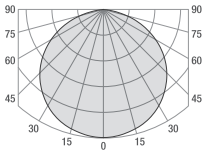
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 5W
On request it is possible to produce the LED board with different powers up to max 5W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	12
Stroboscopic effect	SVM 3.68
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 46 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL078	XXXXX	.	M050XXXAE	.	YYYYY
1	2		1		3

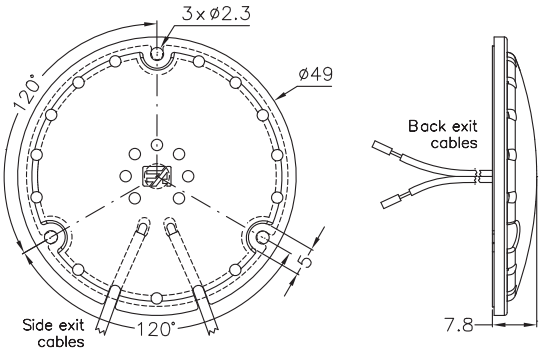
1 Codice fisso / *Fixed code* CL078 _ M050XXXAE

2 CCT	**CRI>80**
2700K	27803
3000K	30803
4000K	40803
5000K	50803

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL078_Y

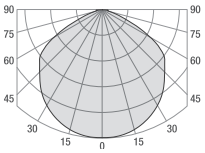


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	5

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	5	505	101	F
3000K		505	101	F
4000K		505	101	F
5000K		505	101	F

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 5W
On request it is possible to produce the LED board with different powers up to max 5W

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	12
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.68
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 49 mm x h 7.8 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL078	XXXXX	.	M050	XX	YAE	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL078 _ M050 _ YAE

2 CCT	**CRI>80**
2700K	27803
3000K	30803
4000K	40803
5000K	50803

3 Cavi / *Cables*

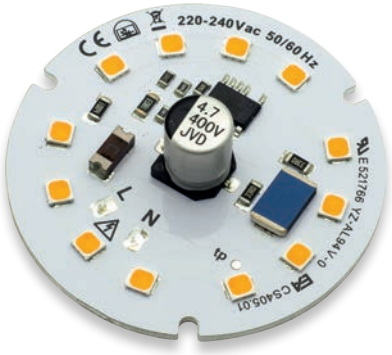
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

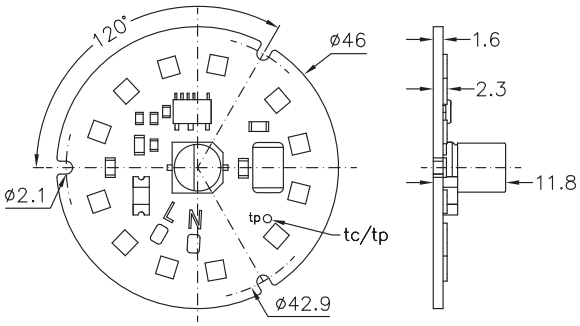
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL405





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	8

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	Energy efficiency
2700K	8	800	100	A-G F
3000K		832	104	A-G F
4000K		864	108	A-G F

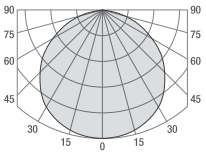
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 8W
On request it is possible to produce the LED board with different powers up to max 8W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Stroboscopic effect	SVM 0.12
Flicker	P_{st}LM 0.26
Power factor	0.77
Dimensions	Ø 46 mm x h 11.8 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL405 (1) | XXXXX (2) . | M080XXXAG (1) . | YYYYY (3)

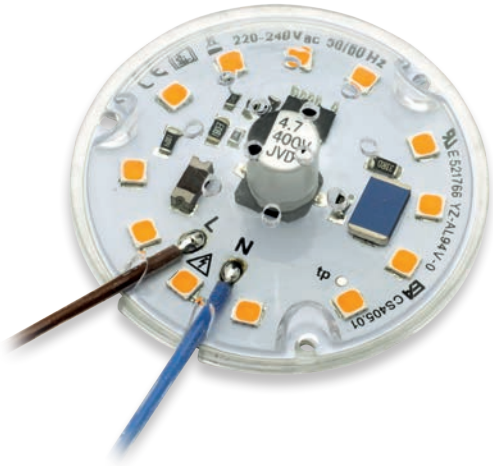
(1) Codice fisso / *Fixed code*	CL405 _ M080XXXAG

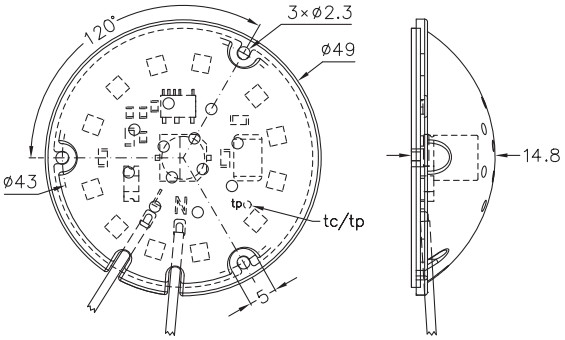
(2) CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803

(3) Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL405_Y





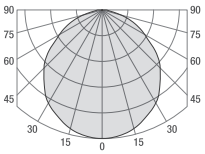
Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	8

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	8	768	96	F
3000K		792	99	F
4000K		816	102	F

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 8W
On request it is possible to produce the LED board with different powers up to max 8W

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Stroboscopic effect	SVM 0.12
Flicker	$P_{st}LM$ 0.26
Power factor	0.77
Dimensions	Ø 49 mm x h 14.8 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL405	XXXXX	.	M080AXYAG	.	YYYYY
❶	❷		❶		❸

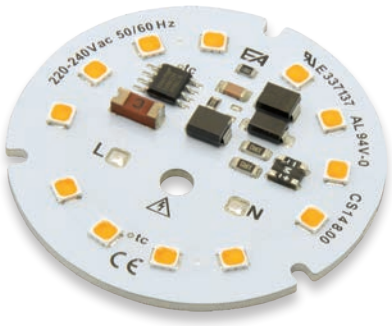
❶ **Codice fisso / *Fixed code*** CL405 _ M080AXYAG

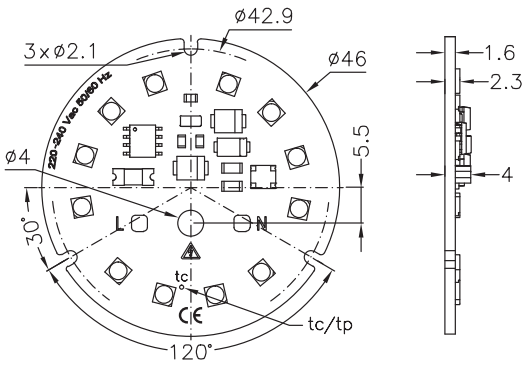
❷ CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL148





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	8

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	8	880	110	E	685	86	F
3000K		880	110	E	685	86	F
4000K		880	110	E			

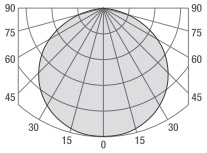
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 8W
On request it is possible to produce the LED board with different powers up to max 8W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Stroboscopic effect	SVM 3.8
Flicker	$P_{St}LM$ 0.1
Power factor	0.99
Dimensions	Ø 46 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL148 ❶ | XXXXX ❷ | . | M080XXXAG ❶ | . | YYYYY ❸

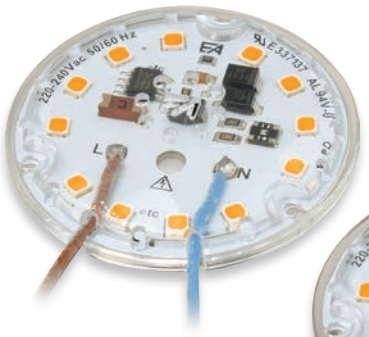
❶ **Codice fisso / *Fixed code*** CL148 _ M080XXXAG

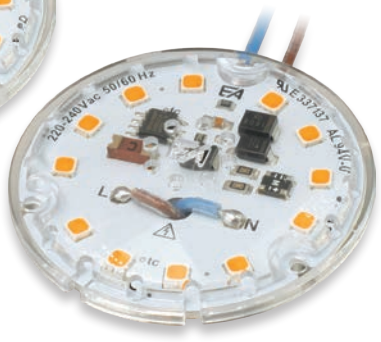
❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

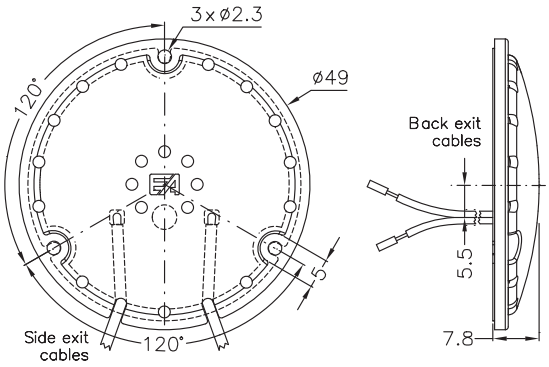
❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL148_Y





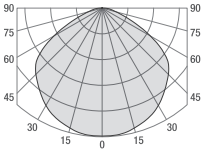


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	8

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	8	808	101	F	664	83	G
3000K		808	101	F	664	83	G
4000K		808	101	F			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 8W
On request it is possible to produce the LED board with different powers up to max 8W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.8
Flicker	$P_{st}LM$ 0.1
Power factor	0.99
Dimensions	Ø 49 mm x h 7.8 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL148	XXXXX	.	M080	XX	YAG	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL147 _ M080 _ YAG

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

3 Cavi / *Cables*

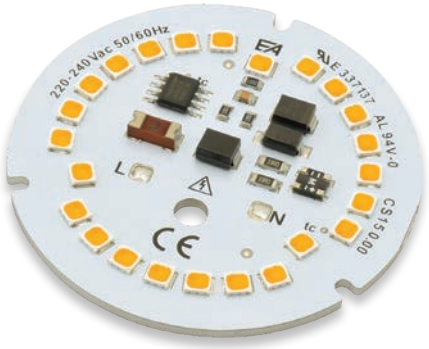
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

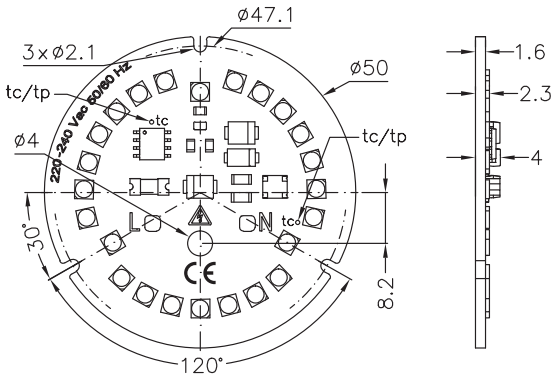
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL150





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	12

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	12	1320	110	E	1140	95	F
3000K		1320	110	E	1140	95	F
4000K		1320	110	E			

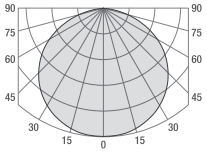
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 12W
On request it is possible to produce the LED board with different powers up to max 12W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	24
Stroboscopic effect	SVM 3.99
Flicker	$P_{st}LM$ 0.1
Power factor	0.99
Dimensions	Ø 50 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL150	XXXXX	.	M120XXXAG	.	YYYYY
❶	❷		❶		❸

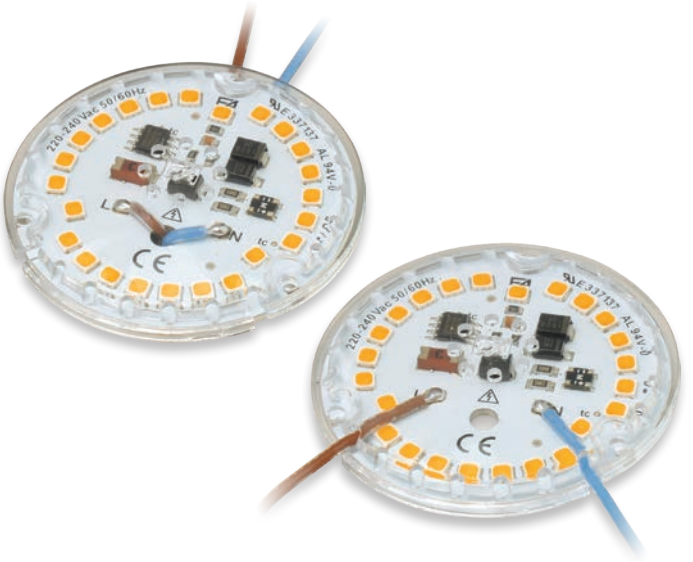
❶ **Codice fisso / *Fixed code*** CL150 _ M120XXXAG

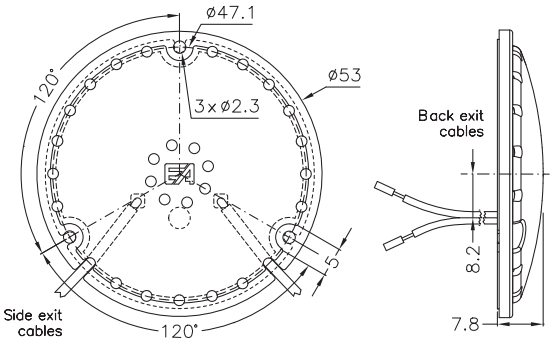
❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL150_Y



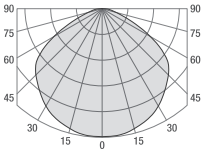


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	12

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	12	1212	101	F	1080	90	F
3000K		1212	101	F	1080	90	F
4000K		1212	101	F			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 12W
On request it is possible to produce the LED board with different powers up to max 12W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	24
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.99
Flicker	$P_{st}LM$ 0.1
Power factor	0.99
Dimensions	Ø 53 mm x h 7.8 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL150	XXXXX	.	M120	XX	YAG	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL150 _ M120 _ YAG

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

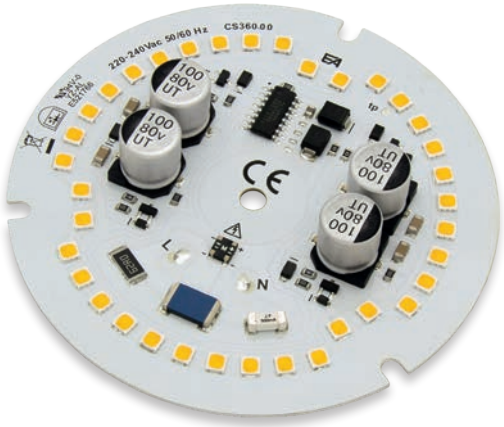
3 Cavi / *Cables*

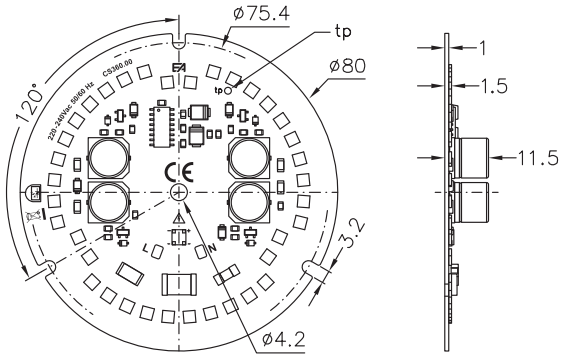
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL360





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	16

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	16	1728	108	E	1504	94	F
3000K		1792	112	E	1520	95	F
4000K		1840	115	E			

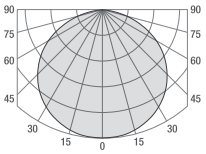
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 16W
On request it is possible to produce the LED board with different powers up to max 16W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED Q.ty	36
Stroboscopic effect	SVM 0.12
Flicker	$P_{st}LM$ 0.52
Power factor	0.99
Dimensions	Ø 80 mm x h 11.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL360 ❶ | XXXXX ❷ . | M160XXXAG ❶ . | YYYYY ❸

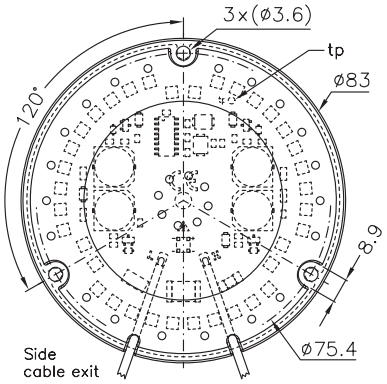
❶ **Codice fisso / *Fixed code*** CL360 _ M160XXXAG

❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL360_Y

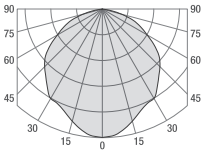


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	10
		16

CCT	CRI>80 Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 Power Typ (W)	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	16	1600	100	F	10	890	89	F
3000K		1648	103	F		910	91	F
4000K		1680	105	F				

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers
CRI>80 max 16W / CRI>90 max 10W

Curva tipica di distribuzione della luce
Luminous intensity distribution



RA/CRI	CRI>80
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED Q.ty	36
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 0.12
Flicker	$P_{st}LM$ 0.52
Power factor	0.99
Dimensions	Ø 83 mm x h 14.7 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL360	XXXXX	.	XXXX	XX	YAG	.	YYYYY
1	2		3	4	1		5

1 Codice fisso / *Fixed code* CL360 _ YAG

2 CCT	**CRI>80**	**CRI>90***
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

*Max 10W

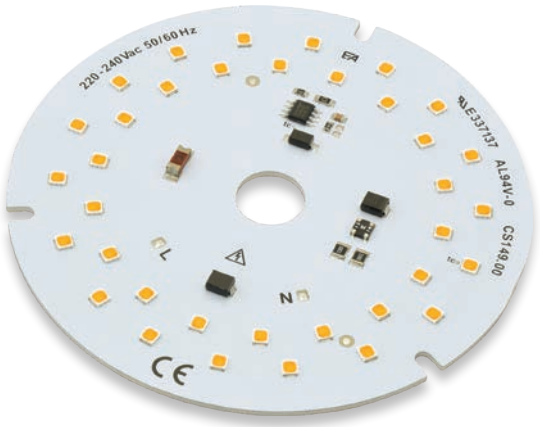
3 Potenza / *Power*	
10W	M100
16W	M160

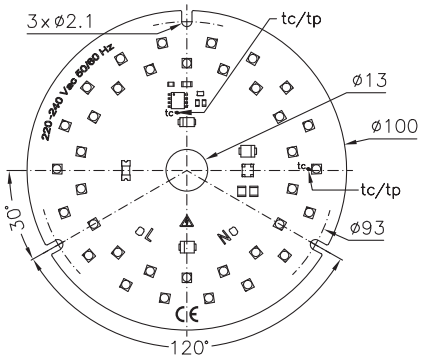
4 Cavi / *Cables*	
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL149





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	10

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	10	1100	110	E	1000	100	F
3000K		1100	110	E	1000	100	F
4000K		1100	110	E			

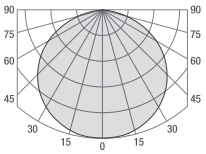
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 10W
On request it is possible to produce the LED board with different powers up to max 10W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	36
Stroboscopic effect	SVM 3.7
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 100 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL149	XXXXX	.	M100XXXAG	.	YYYYY
❶	❷		❶		❸

❶ **Codice fisso / *Fixed code*** CL149 _ M100XXXAG

❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

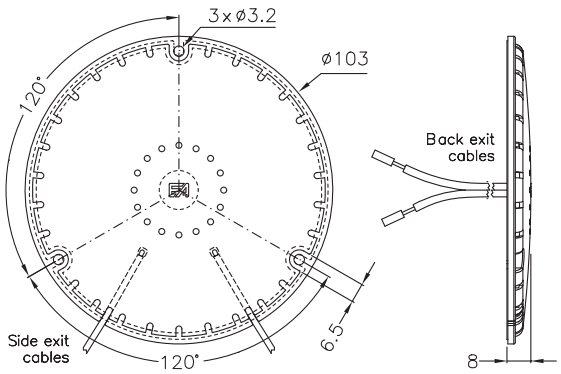
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL149_Y

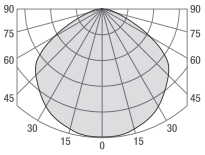
Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	10

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	10	1010	101	F
3000K		1010	101	F
4000K		1010	101	F

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 10W
On request it is possible to produce the LED board with different powers up to max 10W



RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	36
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.7
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 103 mm x h 8 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL149	XXXXX	.	M100	XX	YAG	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL149 _ M100 _ YAG

2 CCT	**CRI>80**
2700K	27803
3000K	30803
4000K	40803

3 Cavi / *Cables*

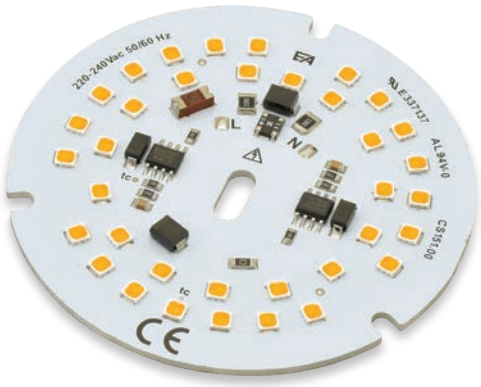
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

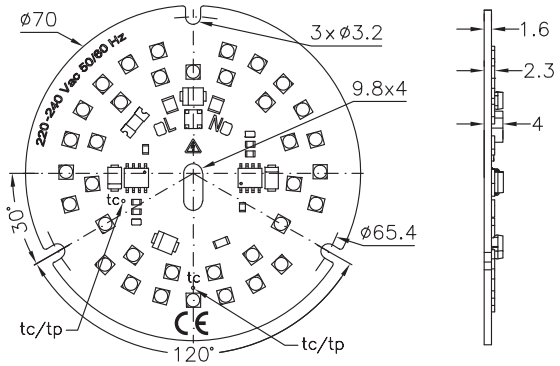
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL151





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 lm/W	Energy efficiency
2700K	17	1870	110	E
3000K		1870	110	E
4000K		1870	110	E

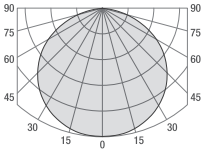
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	36
Stroboscopic effect	SVM 3.78
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 70 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL151	XXXXX	.	M170XXXAG	.	YYYYY
❶	❷		❶		❸

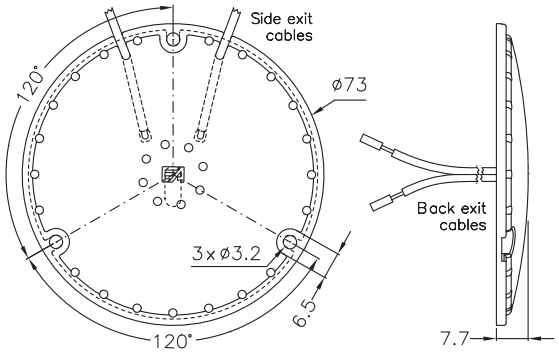
❶ **Codice fisso / *Fixed code*** CL151 _ M170XXXAG

❷ CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL151_Y

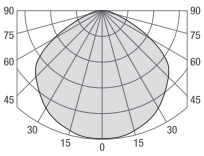


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

CCT	Power Typ (W)	CRI>80		
		lm Typ	lm/W	Energy efficiency
2700K	17	1717	101	F
3000K		1717	101	F
4000K		1717	101	F

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	36
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.78
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 73 mm x h 7.8 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL151	XXXXX	.	M170	XX	YAG	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL151 _ M170 _ YAG

2 CCT	**CRI>80**
2700K	27803
3000K	30803
4000K	40803

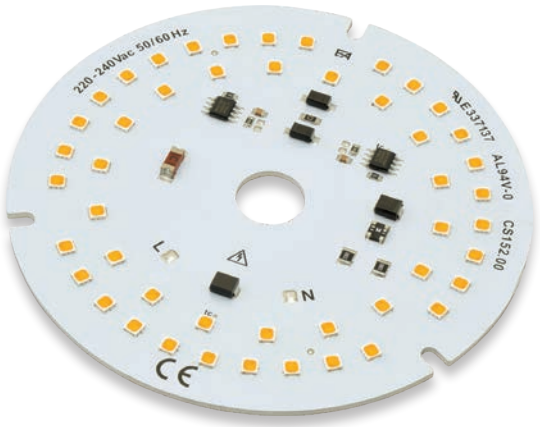
3 Cavi / *Cables*

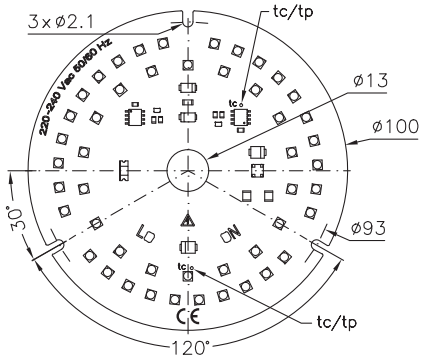
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL152





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	1870	110	E	1650	97	F
3000K		1870	110	E	1650	97	F
4000K		1870	110	E			

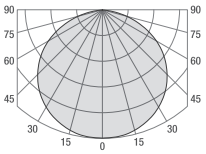
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	48
Stroboscopic effect	SVM 3.72
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 100 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL152 ❶	XXXXX ❷	.	M170XXXAG ❶	.	YYYYY ❸

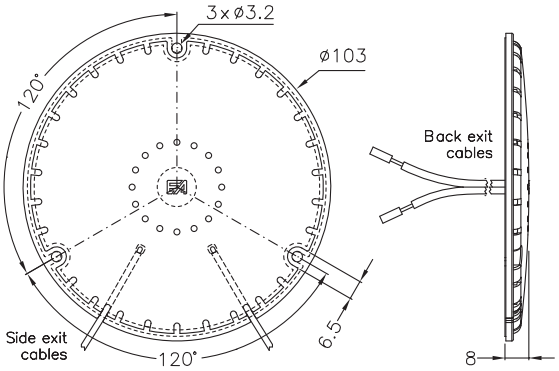
❶ **Codice fisso / *Fixed code*** CL152 _ M170XXXAG

❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL152_Y

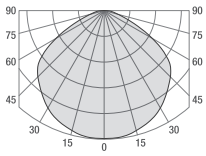


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	1717	101	F	1606	94	F
3000K		1717	101	F	1606	94	F
4000K		1717	101	F			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	48
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.72
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 103 mm x h 8 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL152	XXXXX	.	M170	XX	YAG	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* CL152 _ M170 _ YAG

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

3 Cavi / *Cables*

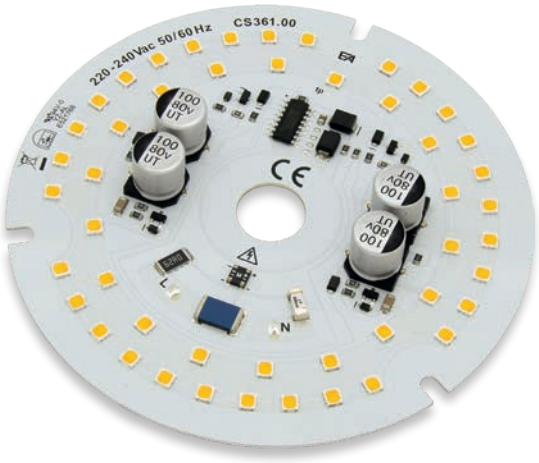
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

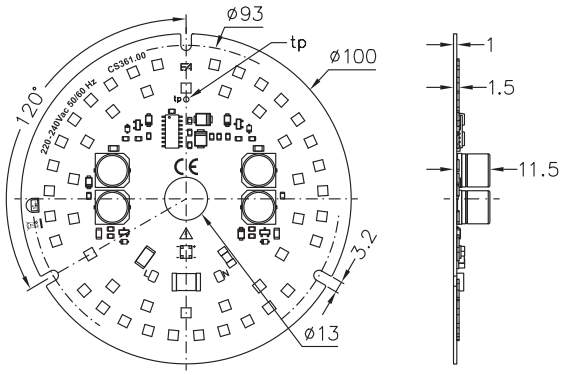
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL361





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	1870	110	E	1615	95	F
3000K		1938	114	E	1632	96	F
4000K		2023	119	E			

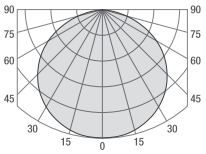
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED Q.ty	48
Stroboscopic effect	SVM 0.12
Flicker	$P_{st}LM$ 0.52
Power factor	0.99
Dimensions	Ø 100 mm x h 11.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL361	XXXXX	.	M170XXXAG	.	YYYYY
❶	❷		❶		❸

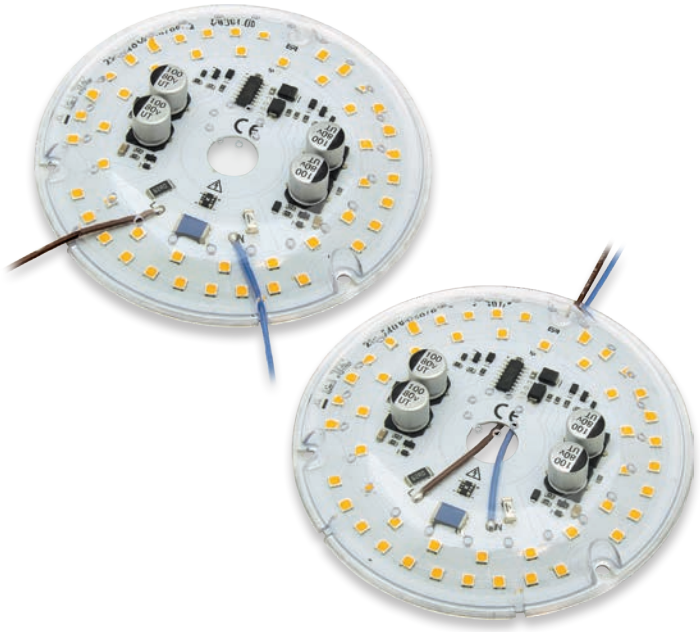
❶ **Codice fisso / *Fixed code*** CL361 _ M170XXXAG

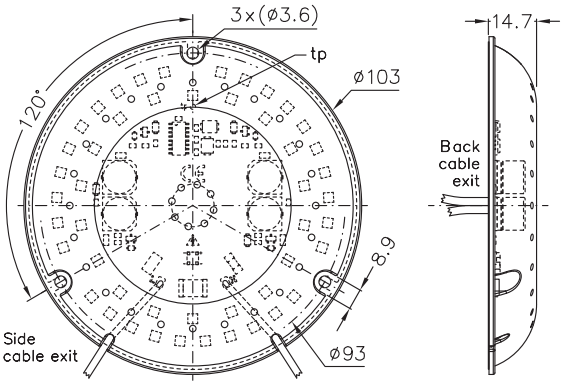
❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL361_Y



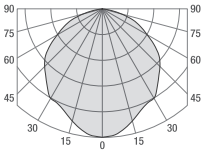


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	12
		17

CCT	CRI>80 Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 Power Typ (W)	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	1751	130	F	12	1098	92	F
3000K		1802	106	F		1116	93	F
4000K		1887	11	E				

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers
CRI>80 max 17W / CRI>90 max 12W

Curva tipica di distribuzione della luce
Luminous intensity distribution



RA/CRI	CRI>80
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED Q.ty	48
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 0.12
Flicker	$P_{st}LM$ 0.52
Power factor	0.99
Dimensions	Ø 103 mm x h 14.7 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL361	XXXXX	.	XXXX	XX	YAG	.	YYYYY
1	2		3	4	1		5

1 Codice fisso / *Fixed code* CL361 _ YAG

2 CCT	**CRI>80**	**CRI>90***
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

*Max 12W

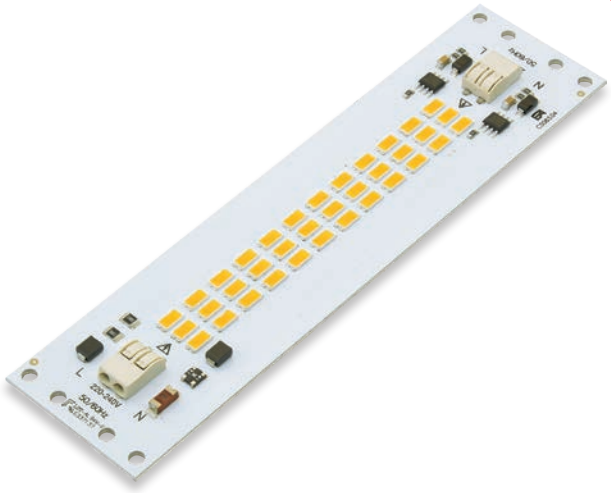
3 Potenza / *Power*	
12W	M120
17W	M170

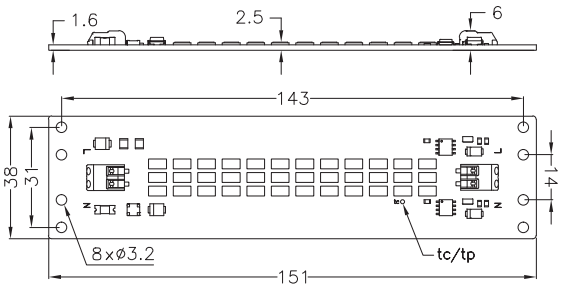
4 Cavi / *Cables*	
Cavi laterali / *Side cables*	AX
Cavi posteriori / *Back cables*	BX

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL083





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	13.5

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	13.5	1485	110	E
3000K		1485	110	E
4000K		1485	110	E
5000K		1485	110	E

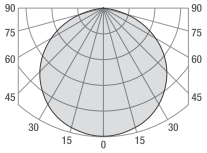
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 13.5W
On request it is possible to produce the LED board with different powers up to max 13.5W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	36
Stroboscopic effect	SVM 3.63
Flicker	P_{st}LM 0.09
Power factor	0.99
Dimensions	151 x 38 mm - h 6 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Pad termico, cover, cavi / *Thermal pad, cover, cables*

Codice ordine standard / *Standard order code*
Senza accessori / *Without accessories*

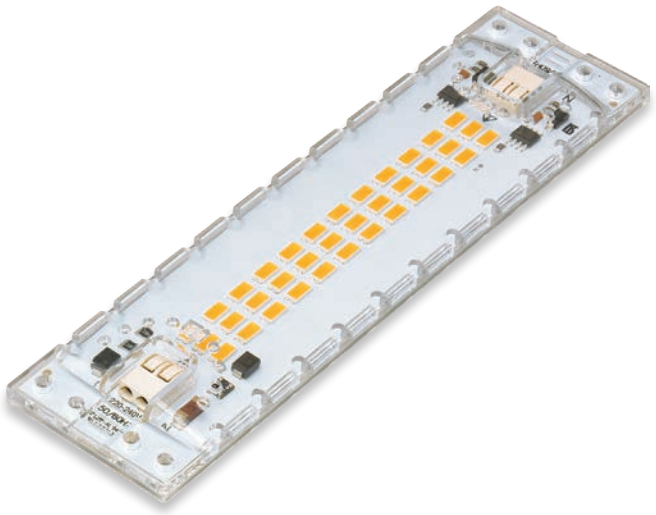
CL083 (1) | XXXXX (2) . | M135GXXAE (1)

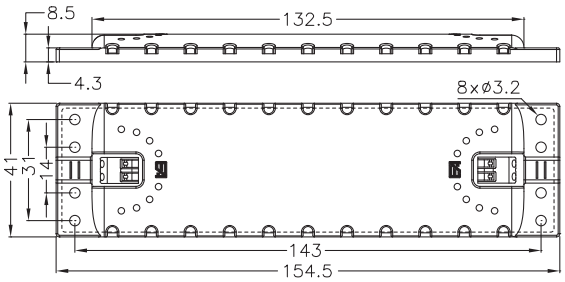
(1) **Codice fisso / *Fixed code***	CL083 _ M135GXXAE

(2) CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803
5000K	50803

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL083_Y





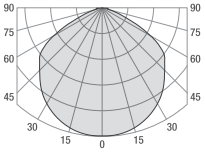
Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	13.5

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	13.5	1364	101	F
3000K		1364	101	F
4000K		1364	101	F
5000K		1364	101	F

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 13.5W
On request it is possible to produce the LED board with different powers up to max 13.5W

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	36
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.63
Flicker	$P_{st}LM$ 0.09
Power factor	0.99
Dimensions	154.5 x 41 mm - h 8.5 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, senza altri accessori
With glued PC protection cover, without other accessories

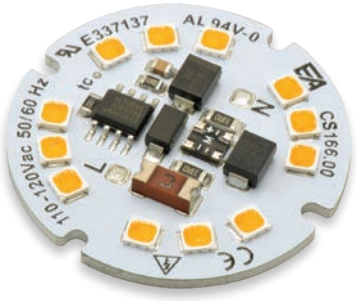
CL083	XXXXX	.	M135GXYAE
❶	❷		❶

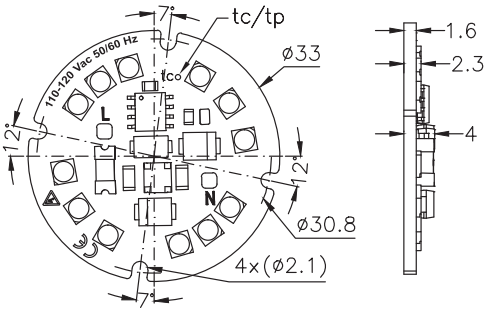
❶ **Codice fisso / *Fixed code*** CL083 _ M135GXYAE

❷ CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803
5000K	50803

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL166





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
110~120 (50/60Hz)	TRIAC/IGBT	4.5

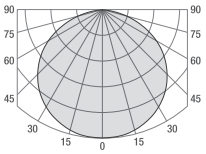
CCT	Power Typ (W)	CRI>80		CRI>90	
		Im Typ	Im/W	Im Typ	Im/W
2700K	4.5	495	110	441	98
3000K		495	110	441	98
4000K		495	110		

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 4.5W
On request it is possible to produce the LED board with different powers up to max 4.5W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Stroboscopic effect	SVM 3.99
Flicker	$P_{st}LM$ 0.1
Power factor	0.99
Dimensions	Ø 33 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL166	XXXXX	.	M045XXXAG	.	YYYYY
❶	❷		❶		❸

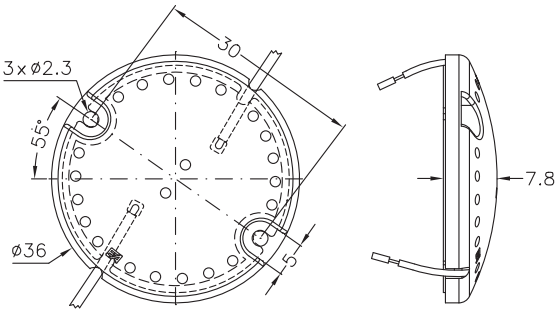
❶ **Codice fisso / *Fixed code*** CL166 _ M045XXXAG

❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL166_cover



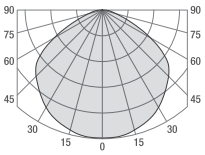
Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
110~120 (50/60Hz)	TRIAC/IGBT	4.5

CCT	CRI>80						CRI>90					
	Cover transparent		Cover frosted		Cover opal		Cover transparent		Cover frosted		Cover opal	
	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W
2700K	456	101	381	85	317	70	406	90	340	76	282	63
3000K	456	101	381	85	317	70	406	90	340	76	282	63
4000K	456	101	381	85	317	70						

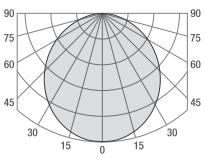
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 4.5W
On request it is possible to produce the LED board with different powers up to max 4.5W

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	12
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 3.99
Flicker	$P_{st}LM$ 0.1
Power factor	0.99
Dimensions	Ø 36 mm x h 7.8 mm

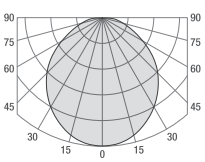
Curva tipica di distribuzione della luce
Luminous intensity distribution



Con cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL166	XXXXX	.	M045	XXX	AG	.	YYYYY
1	2		1	1	1		4

1 Codice fisso / *Fixed code* CL166 _ M045 _ AG

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

2 Cover di protezione / *Protection cover*

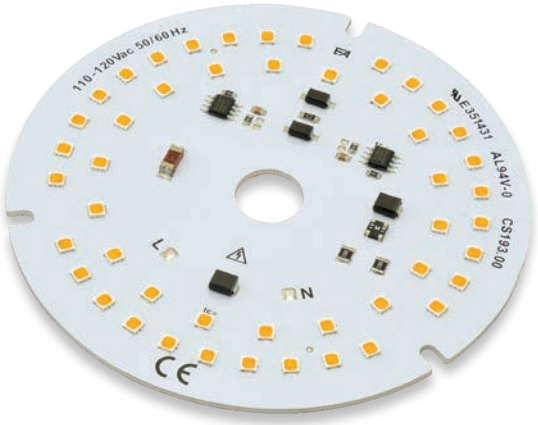
Trasparente / *Transparent*	CXY
Satinata / *Frosted*	CXZ
Opale / *Opal*	CXW

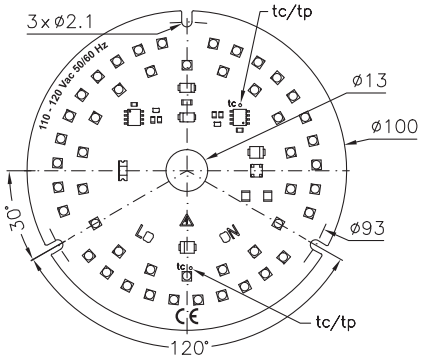
4 Variante cavo / *Cable variants*

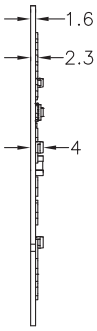
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL193







Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
110~120 (50/60Hz)	TRIAC/IGBT	17

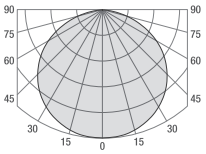
CCT	Power Typ (W)	CRI>80		CRI>90	
		lm Typ	lm/W	lm Typ	lm/W
2700K	17	1870	110	1513	89
3000K		1870	110	1513	89
4000K		1870	110		

Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	48
Stroboscopic effect	SVM 4.62
Flicker	$P_{st}LM$ 0.12
Power factor	0.97
Dimensions	Ø 100 mm x h 4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CL193	XXXXX	.	M170XXXAG	.	YYYYY
❶	❷		❶		❸

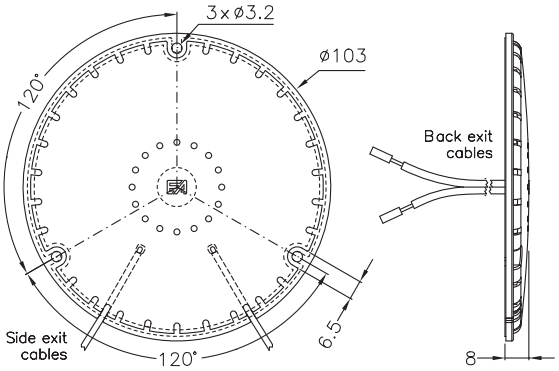
❶ **Codice fisso / *Fixed code*** CL193 _ M170XXXAG

❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CL193_cover



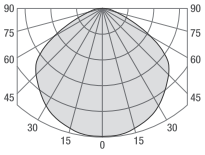
Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
110~120 (50/60Hz)	TRIAC/IGBT	17

CCT	CRI>80						CRI>90					
	Cover transparent		Cover frosted		Cover opal		Cover transparent		Cover frosted		Cover opal	
	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W	lm Typ	lm/W
2700K	1717	101	1424	84	1197	70	1411	83	1165	69	968	57
3000K	1717	101	1424	84	1197	70	1411	83	1165	69	968	57
4000K	1717	101	1424	84	1197	70						

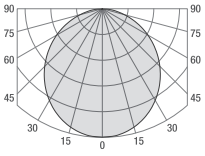
Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	48
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 4.62
Flicker	$P_{st}LM$ 0.12
Power factor	0.97
Dimensions	Ø 103 mm x h 8 mm

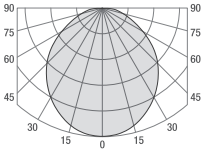
Curva tipica di distribuzione della luce
Luminous intensity distribution



Con cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

CL193	XXXXX	.	M170	XXX	AG	.	YYYYY
1	2		1	1	1		4

1 Codice fisso / *Fixed code* CL193 _ M170 _ AG

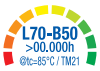
2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

2 Cover	***Side cables***	***Back cables***
Trasparente / *Transparent*	AXY	BXY
Satinata / *Frosted*	AXZ	BXZ
Opale / *Opal*	AXW	BXW

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Moduli LED in bassa tensione
Low voltage LED modules

Legenda	***Legend***	
Durata di vita della sorgente luminosa / *Lifetime of the light source*		
Classe efficienza energetica / *Energy efficiency class*		
Modulo LED in corrente costante / *Constant current LED module*		
Modulo LED in tensione costante / *Constant voltage LED module*		
Modulo LED RGB / *RGB LED module*		
Angolo fascio luminoso / *Beam angle*		
Step MacAdam / *MacAdam step*		
Modulo LED da incorporare / *Built-in lighting module*		
Dimmerabile / *Dimmable*		
Dimmerabile PWM / *Dimmable PWM*		
Grado di protezione IP65 / *IP65 international protection*		
Grado di protezione IP66 / *IP66 international protection*		
Grado di protezione IP67 / *IP67 international protection*		
Ordine minimo / *Minimum order*		

Moduli LED / ***LED modules***	
Corrente costante / *Constant current*	**163 › 171**
Corrente costante - RGB / *Constant current - RGB*	**172 › 173**
Tensione costante / *Constant voltage*	**174 › 178**

Alimentatore e Driver | *Power supply unit and Driver*

Se non diversamente indicato, i moduli LED non sono protetti da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Per un buon funzionamento, assicurarsi che l'alimentatore/driver utilizzato abbia tali protezioni.

Unless otherwise indicated, LED modules are not protected against overvoltage, overcurrent, overload or short-circuits. For correct operation, check power supply unit/driver has such protections.

Tmax - Temperatura d'esercizio | *Working temperature*

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED.

To be tested on final application, measured on aluminium body or at LED board t_c / t_p (if present) or at the nearest point to the LED.

Dissipazione | *Dissipation*

I moduli LED sono autodissipati.
Al fine di una corretta dissipazione possono essere fissati su un ulteriore supporto alluminio.

LED modules are self-dissipated.
In order to obtain correct dissipation, can be fixed on an additional aluminum support.

Tolleranze | *Tolerances*

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Spessore PCB / *PCB thickness:* ±10%
Ø fori / *hole Ø:* ±0.1mm

Varianti e accessori | *Variants and accessories*

Da definire in fase d'ordine / *To be chosen when ordering*

Note | *Notes*

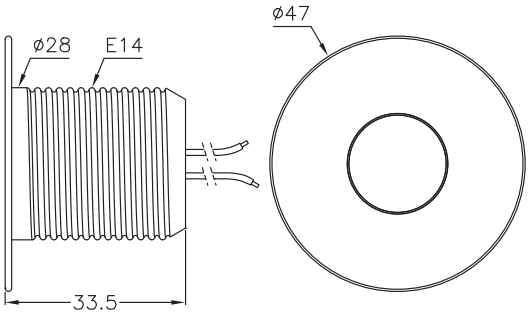
I moduli LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare i moduli e/o apportare modifiche agli stessi ed evitare di collegarli ad un alimentatore sotto tensione.

LED modules contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED modules and/or not to modify them. Avoid connecting the LED boards while the driver is being powered.

SP0165

L70-B50 >36.000h @tc=75°C / TM21

15° | CC | 20° | 3 SDCM | 25° | 30° | 40° | 1



CC Input (mA)	V Typ (V)	Power Typ (W)
350	3.1	1.1
500	3.3	1.7

CCT CRI>80	Power Typ (W)	LED type GD			LED type GA			LED type GE		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2750K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A F	185	109	A F
2950K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A F	185	109	A F
3150K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A F	185	109	A F
3950K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A F	185	109	A F
5300K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A F	185	109	A F

Attenzione / *Warning*

Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

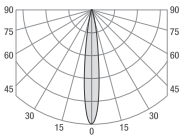
N.B.: per mantenere i parametri indicati, in conformità alla normativa "EPREL", **la lente deve rimanere removibile**.

Applying a lens to the light source will have a decrease in the lumen value (lm).

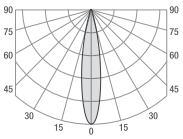
***N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, **the lens must remain removable**.*

Curva tipica di distribuzione della luce
Luminous intensity distribution

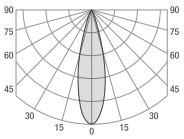
Lente / *lens* 15°



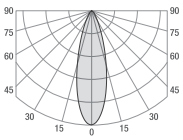
Lente / *lens* 20°



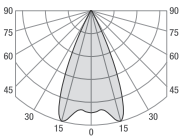
Lente / *lens* 25°



Lente / *lens* 30°



Lente / *lens* 40°



RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	1 PROLIGHT®
LED Q.ty	1
Lens	15°, 20°, 25°, 30°, 40°
Dimensions	Ø 47 mm x h 33.5 mm

Accessori / *Accessories*
Cavi, lente, O-ring, ghiera / *Cables, lens, O-ring, ring*

Codice ordine standard / *Standard order code*
Con ghiera Ø 47 mm, lente 30° e cavo
With Ø 47 mm ring, 30° lens and cable

SP0165	XXXXX	.	XBSDG	X	.	YYYYY
1	2		1	3		4

1 Codice fisso / *Fixed code* SP0165 _ XBSDG

2 CCT	**CRI>80**
2750K	27805
2950K	29805
3150K	31805
3950K	39805
5300K	53805

3 Flusso del LED / *LED flux*

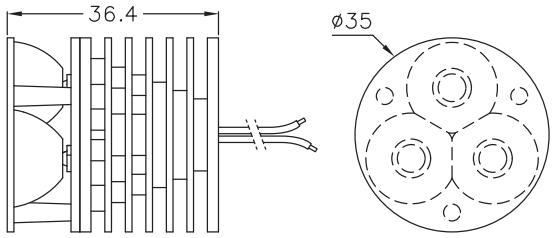
Definito da EA srl in fase d'ordine, in base alla disponibilità del produttore del LED	D
Defined by EA srl when ordering, based on the availability of the LED manufacturer	A
	E

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

TR35X



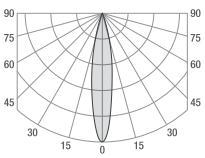
CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	2.9	417	144	D	330	114	E
3000K		438	151	C	351	121	E
4000K		458	158	C	376	130	D
5700K		469	162	C			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	20°
Dimensions	Ø 35 mm x h 36.4 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution

Lente / *lens* 20°



Accessori / *Accessories*
Cavi, lente / *Cables, lens*

Codice ordine standard / *Standard order code*
Con cavi, lente 20°, senza altri accessori
With cables, 20° lens, without other accessories

TR35X	XXXXX	.	XBWFAB	.	YYYYY
❶	❷		❶		❸

❶ **Codice fisso / *Fixed code*** TR35X _ XBWFAB

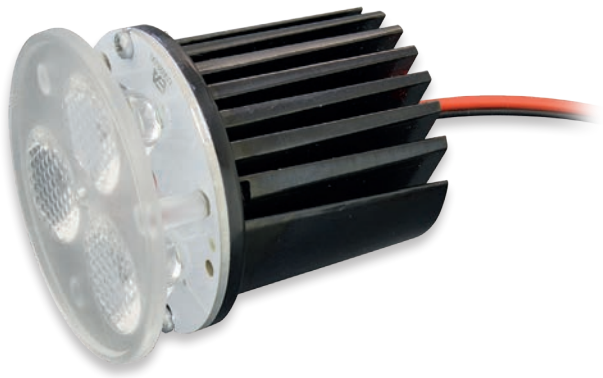
❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

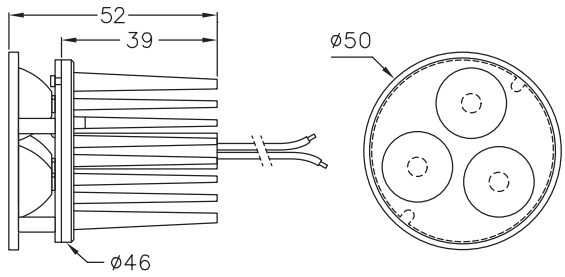
❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

TR50X_XIBZ



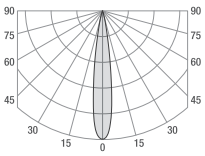


CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9
500	8.6	4.3
700	8.8	6.1

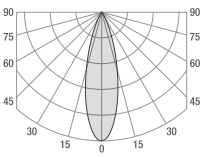
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	422	146		330	114	
	4.3	591	137		462	107	
	6.1	804	132	D	629	103	E
3000K	2.9	443	153		351	121	
	4.3	620	144		491	114	
	6.1	843	138	D	668	110	E
4000K	2.9	463	160		376	130	
	4.3	649	151		526	122	
	6.1	883	145	D	716	117	E
5700K	2.9	474	163				
	4.3	663	154				
	6.1	902	148	C			

Curva tipica di distribuzione della luce
Luminous intensity distribution

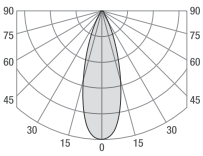
Lente / *lens* 15°



Lente / *lens* 25°



Lente / *lens* 30°



RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 52 mm

Accessori / ***Accessories***
Cavi, lente / *Cables, lens*

Codice ordine standard / ***Standard order code***
Con cavi, lente, senza altri accessori
With cables, lens, without other accessories

TR50X	XXXXX	.	XIBZ	X	AB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / ***Fixed code*** TR50X _ XIBZ _ AB

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Lente / ***Lens***

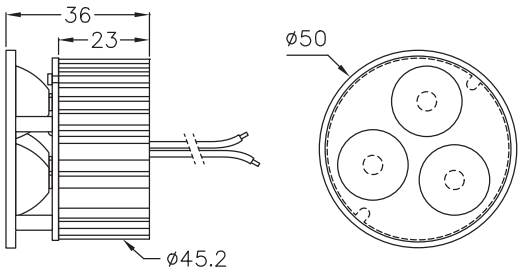
15°	H
25°	K
30°	L

4 Variante cavo / ***Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

TR50X_XIBW



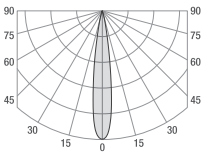
CC Input (mA)	V Typ (V)	Power Typ (W)
350	8.4	2.9
500	8.6	4.3

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	2.9	422	146		330	114	
	4.3	591	137	D	462	107	E
3000K	2.9	443	153		351	121	
	4.3	620	144	D	491	114	E
4000K	2.9	463	160		376	130	
	4.3	649	151	C	526	122	E
5700K	2.9	474	163				
	4.3	663	154	C			

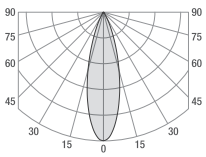
RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 36 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution

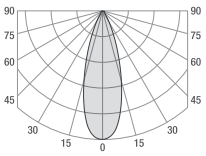
Lente / *lens* 15°



Lente / *lens* 25°



Lente / *lens* 30°



Accessori / *Accessories*
Cavi, lente / *Cables, lens*

Codice ordine standard / *Standard order code*
Con cavi, lente, senza altri accessori
With cables, lens, without other accessories

TR50X	XXXXX	.	XIBW	X	AB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* TR50X _ XIBW _ AB

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Lente / *Lens*

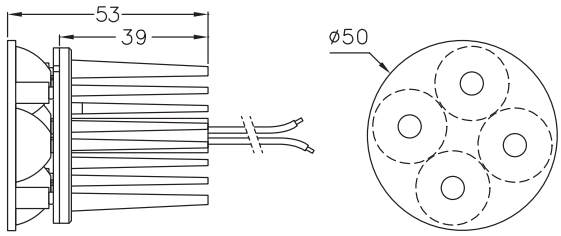
15°	H
25°	K
30°	L

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

QR50X_XBZG



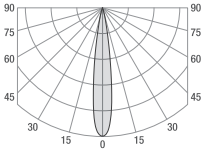
CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.1	3.9
500	11.3	5.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.9	593	152		464	119	
	5.7	804	141	D	649	114	E
3000K	3.9	622	159		493	126	
	5.7	844	148	C	690	121	E
4000K	3.9	651	167		528	135	
	5.7	883	155	C	739	130	D
5700K	3.9	665	171				
	5.7	903	158	C			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Lens	15°
Dimensions	Ø 50 mm x h 53 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution

Lente / *lens* 15°



Accessori / *Accessories*
Cavi, lente / *Cables, lens*

Codice ordine standard / *Standard order code*
Con cavi, lente 15°, senza altri accessori
With cables, 15° lens, without other accessories

QR50X	XXXXX	.	XBZGAB	.	YYYYY
1	2		1		3

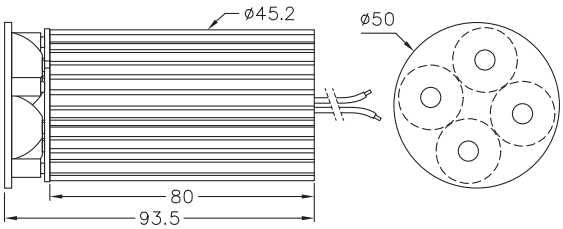
1 Codice fisso / *Fixed code* QR50X _ XBZGAB

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

QR50X_XBWG

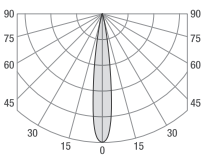


CC Input (mA)	V Typ (V)	Power Typ (W)
350	11.1	3.9
500	11.3	5.7
700	11.5	8.1

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3.9	593	152		464	119	
	5.7	804	141		649	114	
	8.1	1083	134	D	879	108	E
3000K	3.9	622	159		493	126	
	5.7	844	148		690	121	
	8.1	1136	140	D	934	115	E
4000K	3.9	651	167		528	135	
	5.7	883	155		739	130	
	8.1	1189	147	D	1001	124	E
5700K	3.9	665	171				
	5.7	903	158				
	8.1	1216	150	C			

Curva tipica di distribuzione della luce
Luminous intensity distribution

Lente / *lens* 15°



RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	4
Lens	15°
Dimensions	Ø 50 mm x h 93.5 mm

Accessori / *Accessories*
Cavi, lente / *Cables, lens*

Codice ordine standard / *Standard order code*
Con cavi, lente 15°, senza altri accessori
With cables, 15° lens, without other accessories

QR50X	XXXXX	.	XBWGAB	.	YYYYY
❶	❷		❶		❸

❶ **Codice fisso / *Fixed code*** QR50X _ XBWGAB

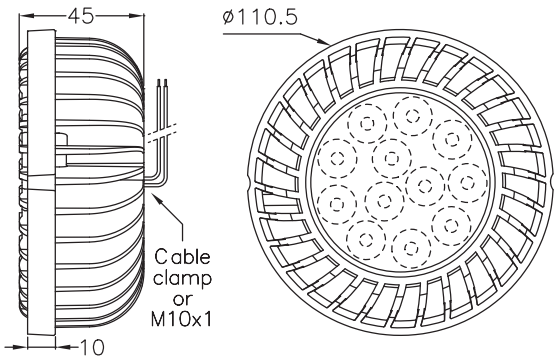
❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

AR1_XI



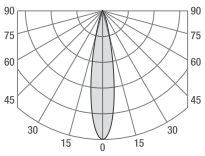
CC Input (mA)	V Typ (V)	Power Typ (W)
350	33.7	11.8
500	34.3	17.2
700	34.7	24.3

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	12
Dimensions	Ø 110.5 mm x h 45 mm

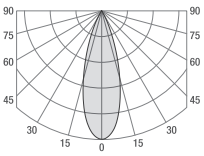
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	11.8	1753	149		1307	111	
	17.2	2434	142		1849	108	
	24.3	3217	132	D	2542	105	E
3000K	11.8	1839	156		1486	126	
	17.2	2553	148		2044	119	
	24.3	3375	139	D	2729	112	E
4000K	11.8	1907	162		1488	126	
	17.2	2621	152		2106	122	
	24.3	3497	144	D	2896	119	E
5700K	11.8	1969	167				
	17.2	2733	159				
	24.3	3612	149	D			

Curva tipica di distribuzione della luce
Luminous intensity distribution

Lente / *lens* 15°



Lente / *lens* 25°



Uscita cavi posteriore centrale
Central back cable exit

Accessori / *Accessories*
Cavi, lente 15° o 25°, dissipatore nero o alluminio
Cables, 15° or 25° lens, black or aluminium heatsink

Codice ordine standard / *Standard order code*
Con cavi, lente, blocca cavo e dissipatore
With cables, lens, cable clamp and heatsink

AR1	XXXXX	.	XI	XX	X	AB	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* AR1 _ XI _ AB

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Dissipatore / *Heatsink*

Nero / *Black*	BY
Alluminio / *Aluminium*	BV

3 Lente / *Lens*

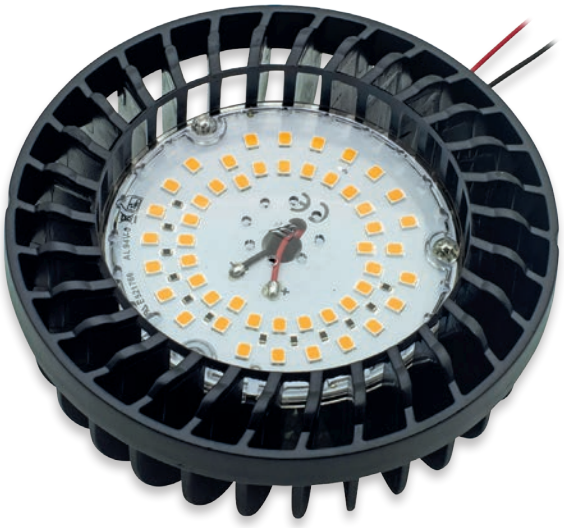
15°	S
25°	T

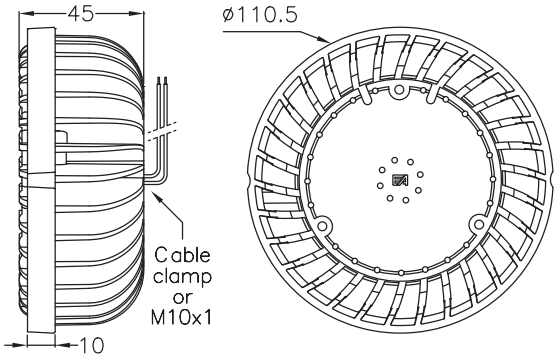
4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

AR1_XI





RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Dimensions	Ø 110.5 mm x h 45 mm

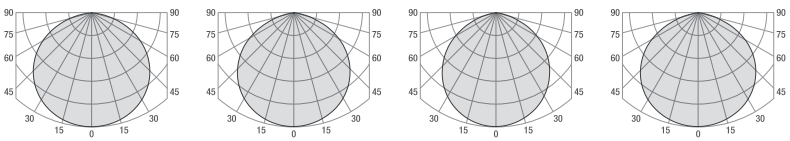
CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.2	7.8
500	22.8	11.4
700	23.5	16.5
900	24.1	21.7

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.8	1274	163		1105	142	
	11.4	1752	154		1539	135	
	16.5	2379	144		2105	128	
	21.7	2938	135	E	2617	121	E
3000K	7.8	1312	168		1143	147	
	11.4	1804	158		1592	140	
	16.5	2449	148		2177	132	
	21.7	3024	139	E	2707	125	E
4000K	7.8	1390	178		1143	147	
	11.4	1911	168		1592	140	
	16.5	2595	157		2177	132	
	21.7	3200	147	D	2707	125	E
6500K	7.8	1390	178				
	11.4	1911	168				
	16.5	2595	157				
	21.7	3200	147	D			

Uscita cavi posteriore centrale
Central back cable exit

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

Curva tipica di distribuzione della luce / *Luminous intensity distribution*



No cover | Cover trasparente *Transparent cover* | Cover satinata *Frosted cover* | Cover opale *Opal cover*

Accessori / *Accessories*
Cover, cavi, dissipatore nero o alluminio
Cover, cables, black or aluminium heatsink

Codice ordine standard / *Standard order code*
Con o senza cover, con cavi, blocca cavo e dissipatore
With or without cover, with cables, cable clamp and heatsink

AR1	XXXXX	.	XI	XX	X	BB	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* AR1 _ XI _BB

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

3 Dissipatore / *Heatsink*

Nero / *Black*	BY
Alluminio / *Aluminium*	BV

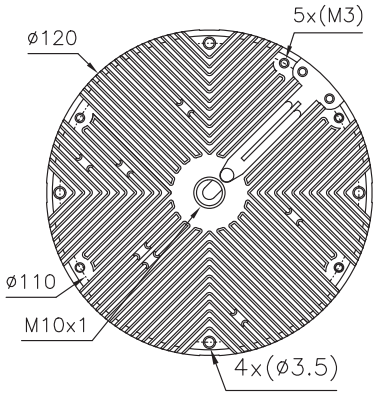
4 Cover

No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT355_XI



CC Input (mA)	V Typ (V)	Power Typ (W)
350	22.5	7.9
500	22.9	11.4
700	23.4	16.4
900	23.9	21.5

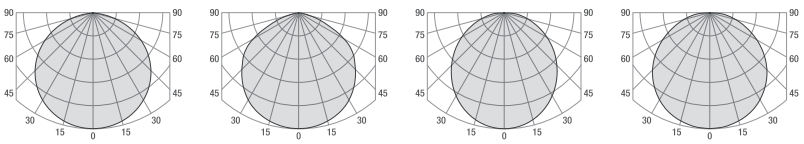
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	7.9	1236	156		1033	131	
	11.4	1701	149		1428	125	
	16.4	2306	141	E	1943	118	E
	21.5	2881	134		2417	112	
3000K	7.9	1254	159		1033	131	
	11.4	1726	151		1428	125	
	16.4	2341	143	E	1943	118	E
	21.5	2923	136		2417	112	
4000K	7.9	1349	171		1170	148	
	11.4	1867	164		1618	142	
	16.4	2544	155	D	2202	134	E
	21.5	3162	147		2740	127	
5000K	7.9	1377	174				
	11.4	1895	166				
	16.4	2570	157	D			
	21.5	3210	149				

Attenzione / *Warning*

Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

Curva tipica di distribuzione della luce / *Luminous intensity distribution*



No cover | Cover trasparente *Transparent cover* | Cover satinata *Frosted cover* | Cover opale *Opal cover*

RA/CRI	CRI>80, CRI>90
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Dimensions	Ø 120 mm x h 28 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con o senza cover, con cavi, blocca cavo e dissipatore
With or without cover, with cables, cable clamp and heatsink

MT355	XXXXX	.	XI	XX	X	BA	.	YYYYY
1	2		1	3	4	1		5

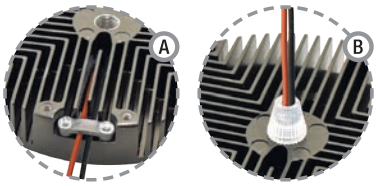
1 Codice fisso / *Fixed code* MT355 _ XI _ BA

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Blocca cavo / *Cable clamp*	
A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

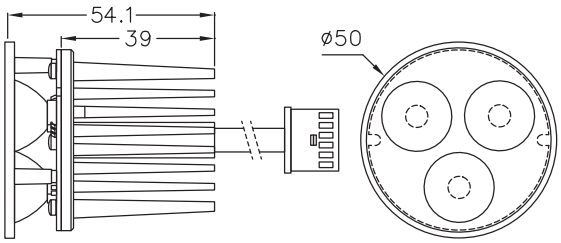
4 Cover	
No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

TR50F.XBZ



CC Input (mA)	V Typ (V)	Power Typ (W)
200mA	8.1	1.6
	11.1	2.2
	10.8	2.2
	-	6

CCT	Power Typ (W)	lm Typ	lm/W
Rosso Red	1.6	90	56
Verde Green	2.2	161	73
Blu Blue	2.2	38	17
Bianco (R+G+B) White (R+G+B)	6	289	48

RA/CRI	**R:** 620~630 nm **G:** 520~530 nm **B:** 460~465 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT® RGB
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 54.1 mm

Accessori / *Accessories*
Cavi, lente, connettore per driver DRF (vedi capitolo 9)
Cables, lens, connctor for DRF diver (see chapter 9)

Codice ordine standard / *Standard order code*
Con cavi, lente, senza altri accessori
With cables, lens, without other accessories

TR50F	.	XBZ	X	GB	.	YYYYY
❶		❶	❷	❶		❸

❶ **Codice fisso / *Fixed code*** TR50F.XBZ _ GB

❷ **Lente / *Lens***

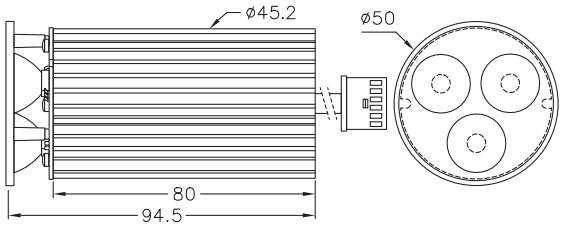
15°	H
25°	K
30°	L

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

TR50F.XBW



CC Input (mA)	V Typ (V)	Power Typ (W)
200mA	8.1	1.6
350mA		2.8
200mA	11.1	2.2
350mA		3.9
200mA	10.8	2.2
350mA		3.8
200mA	-	6
350mA		10.5

CCT	Power Typ (W)	Im Typ	Im/W
Rosso *Red*	1.6	90	56
	2.8	150	54
Verde *Green*	2.2	161	73
	3.9	255	65
Blu *Blue*	2.2	38	17
	3.8	60	16
Bianco (R+G+B) *White (R+G+B)*	6	289	48
	10.5	465	44

RA/CRI	**R:** 620~630 nm **G:** 520~530 nm **B:** 460~465 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT® RGB
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 94.5 mm

Accessori / *Accessories*
Cavi, lente, connettore per driver DRF (vedi capitolo 9)
Cables, lens, connctor for DRF diver (see chapter 9)

Codice ordine standard / *Standard order code*
Con cavi, lente, senza altri accessori
With cables, lens, without other accessories

TR50F	.	XBW	X	GB	.	YYYYY
❶		❶	❷	❶		❸

❶ **Codice fisso / *Fixed code*** TR50F.XBW _ GB

❷ **Lente / *Lens***

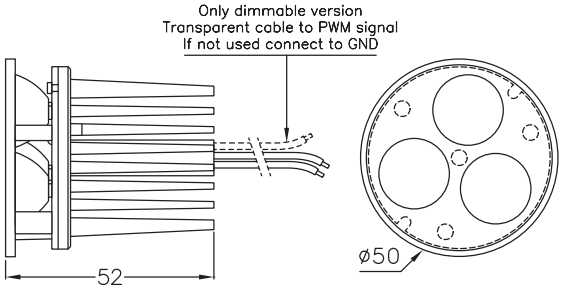
15°	H
25°	K
30°	L

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

TR50X_XV



Vdc Input (V)	Power Typ (W)
12~24	3
	5
	7

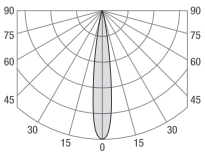
RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 52 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3	422	141	D	330	110	E
	5	591	118	E	462	92	F
	7	804	115	E	629	90	F
3000K	3	443	148	C	351	117	E
	5	620	124	D	491	98	F
	7	843	120	E	668	95	F
4000K	3	463	154	C	376	125	D
	5	649	130	D	526	105	E
	7	883	126	D	716	102	E
5700K	3	474	158	C			
	5	663	133	D			
	7	902	129	D			

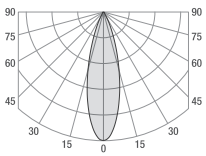
Su richiesta è possibile produrre la scheda LED con potenze personalizzate fino a 7W max
On request it is possible to produce the LED board with customized powers up to 7W max

Curva tipica di distribuzione della luce
Luminous intensity distribution

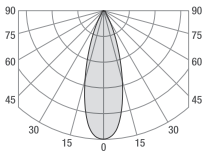
Lente / *lens* 15°



Lente / *lens* 25°



Lente / *lens* 30°



Accessori / *Accessories*
Cavi, lente / *Cables, lens*

Codice ordine standard / *Standard order code*
Con cavi, lente, senza altri accessori
With cables, lens, without other accessories

TR50X	XXXXX	.	XV	XXX	XXX	AB	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* TR50X _ XV _ AB

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Potenza / *Power*

3W	030
5W	050
7W	070

4 Lente / *Lens*

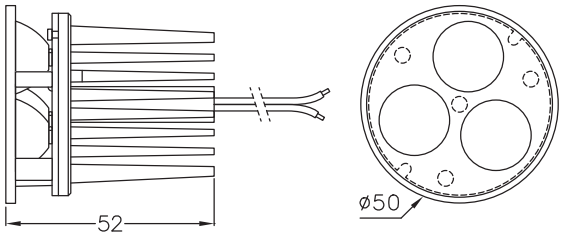
15°	BZH
25°	BZK
30°	BZL

5 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

TR50X_XN



Vdc Input (V)	Power Typ (W)
12~24	3
	5
	7

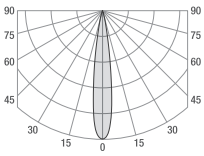
RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	3
Lens	15°, 25°, 30°
Dimensions	Ø 50 mm x h 52 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	3	422	141	D	330	110	E
	5	591	118	E	462	92	F
	7	804	115	E	629	90	F
3000K	3	443	148	C	351	117	E
	5	620	124	D	491	98	F
	7	843	120	E	668	95	F
4000K	3	463	154	C	376	125	D
	5	649	130	D	526	105	E
	7	883	126	D	716	102	E
5700K	3	474	158	C			
	5	663	133	D			
	7	902	129	D			

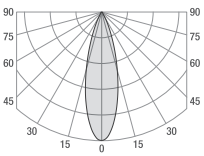
Su richiesta è possibile produrre la scheda LED con potenze personalizzate fino a 7W max
On request it is possible to produce the LED board with customized powers up to 7W max

Curva tipica di distribuzione della luce
Luminous intensity distribution

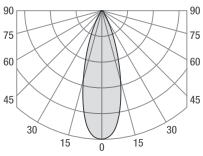
Lente / *lens* 15°



Lente / *lens* 25°



Lente / *lens* 30°



Accessori / *Accessories*
Cavi, lente / *Cables, lens*

Codice ordine standard / *Standard order code*
Con cavi, lente, senza altri accessori
With cables, lens, without other accessories

TR50X	XXXXX	.	XN	XXX	XXX	AB	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* TR50X _ XN _ AB

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Potenza / *Power*

3W	030
5W	050
7W	070

4 Lente / *Lens*

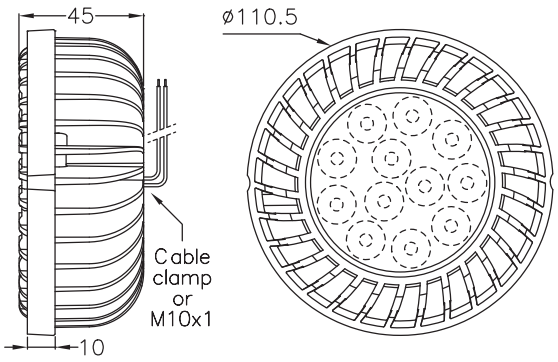
15°	BZH
25°	BZK
30°	BZL

5 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

AR1_XV



Vdc Input (V)	Power Typ (W)
24	19

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	19	1986	105	E	1554	82	F
3000K		2053	108	E	1628	86	F
4000K		2092	110	E	1710	90	F
5700K		2139	113	E			

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	12
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Dimensions	Ø 110.5 mm x h 45 mm

Accessori / *Accessories*
Cavi, lente 15° o 25°, dissipatore nero o alluminio
Cables, 15° or 25° lens, black or aluminium heatsink

Codice ordine standard / *Standard order code*
Con cavi, lente, blocca cavo e dissipatore
With cables, lens, cable clamp and heatsink

AR1	XXXXX	.	XV190	XX	X	AB	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* AR1 _ XV190 _ AB

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

3 Dissipatore / *Heatsink*

Nero / *Black*	BY
Alluminio / *Aluminium*	BV

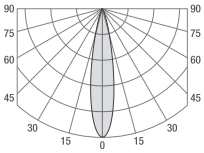
4 Lente / *Lens*

15°	S
25°	T

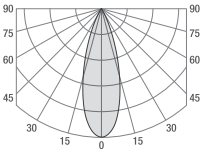
5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution

Lente / *lens* 15°



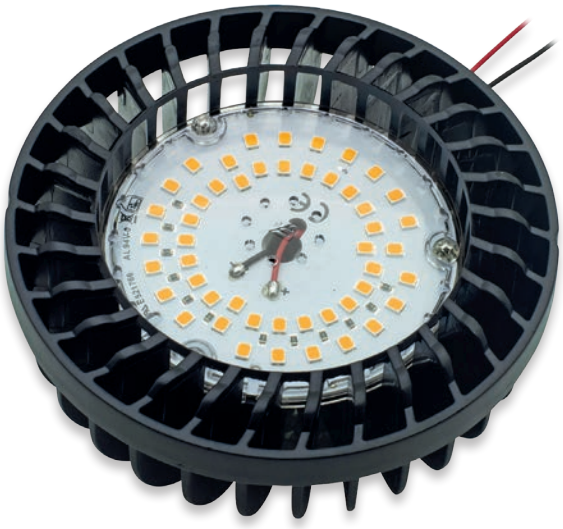
Lente / *lens* 25°

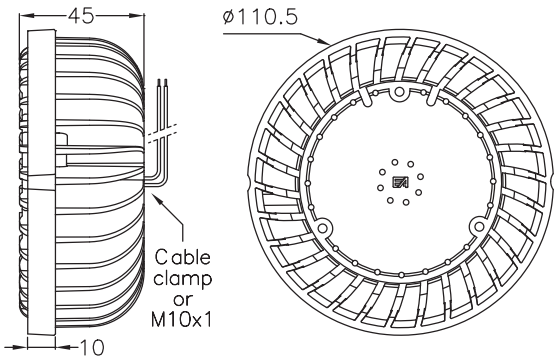


Uscita cavi posteriore centrale
Central back cable exit

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

AR1_XV





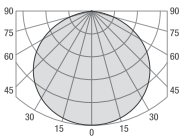
Vdc Input (V)	Power Typ (W)
24	21.5

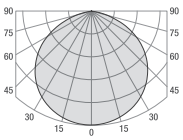
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	21.5	2793	130	E	2475	115	F
3000K		2875	134	E	2639	123	F
4000K		2957	138	E	2639	123	E
6500K		2957	138	E			

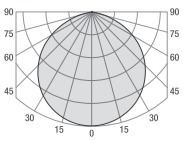
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 21.5W
On request it is possible to produce the LED board with different powers up to max 21.5W

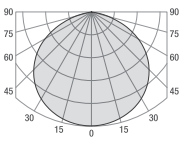
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

Curva tipica di distribuzione della luce
Luminous intensity distribution


No cover


Cover trasparente
Transparent cover


Cover satinata
Frosted cover


Cover opale
Opal cover

Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED Q.ty	48
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Dimensions	Ø 110.5 mm x h 45 mm

Accessori / *Accessories*
Cover, cavi, dissipatore nero o alluminio
Cover, cables, black or aluminium heatsink

Codice ordine standard / *Standard order code*
Con o senza cover, con cavi, bloccacavo e dissipatore
With or without cover, with cables, cable clamp and heatsink

AR1	XXXXX	.	XV215	XX	X	BB	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* AR1 _ XV215 _BB

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

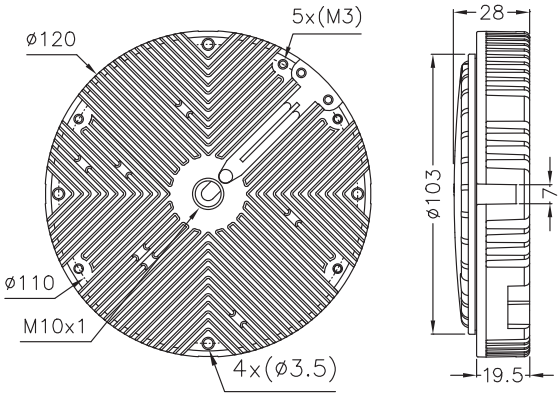
3 Dissipatore / *Heatsink*	
Nero / *Black*	BY
Alluminio / *Aluminium*	BV

4 Cover	
No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT355_XV



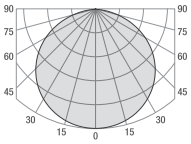
Vdc Input (V)	Power Typ (W)
24	17

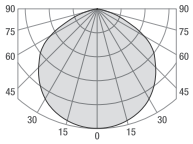
CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	17	2343	138	E	2111	124	E
3000K		2365	139	E	2111	124	E
4000K		2611	154	D	2190	129	E
5000K		2611	154	D			

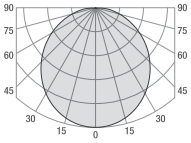
Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

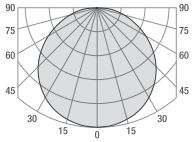
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

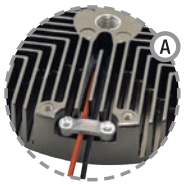
Curva tipica di distribuzione della luce
Luminous intensity distribution


No cover

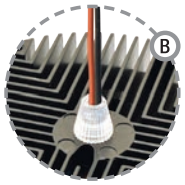

Cover trasparente
Transparent cover


Cover satinata
Frosted cover


Cover opale
Opal cover



Uscita cavi posteriore laterale
Side back cable exit



Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80, CRI>90
LED type	OSRAM® 2835
LED Q.ty	88
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Dimensions	Ø 120 mm x h 28 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con o senza cover, con cavi, bloccacavo e dissipatore
With or without cover, with cables, cable clamp and heatsink

MT355	XXXXX	.	XV170	XX	X	YBA	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT355 _ XV170 _ YBA

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Blocca cavo / *Cable clamp*

A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

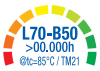
4 Cover

No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Moduli LED a tensione di rete
Mains voltage LED modules

Legenda	***Legend***	
Durata di vita della sorgente luminosa / *Lifetime of the light source*		
Classe efficienza energetica / *Energy efficiency class*		
Tensione di rete 220~240Vac / *220~240Vac main voltage*		
Tensione di rete 110~120Vac / *110~120Vac main voltage*		
Angolo fascio luminoso / *Beam angle*		
Step MacAdam / *MacAdam step*		
Modulo LED da incorporare / *Built-in lighting module*		
Solo per applicazioni interne / *Only for indoor applications*		
Solo per applicazioni esterne / *Only for outdoor applications*		
Dimmerabile / *Dimmable*		
Ordine minimo / *Minimum order*		

Moduli LED / ***LED modules***	
220~240Vac	181 › 188
110~120Vac	189

Tmax - Temperatura d'esercizio | ***Working temperature***

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED.

To be tested on final application, measured on aluminium body or at LED board t_c / t_p (if present) or at the nearest point to the LED.

Dissipazione | ***Dissipation***

I moduli LED sono autodissipati.
Al fine di una corretta dissipazione possono essere fissati su un ulteriore supporto alluminio.

LED modules are self-dissipated.
In order to obtain correct dissipation, can be fixed on an additional aluminum support.

Tolleranze | ***Tolerances***

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Spessore PCB / *PCB thickness:* ±10%
Ø fori / *hole Ø:* ±0.1mm

Varianti e accessori | ***Variants and accessories***

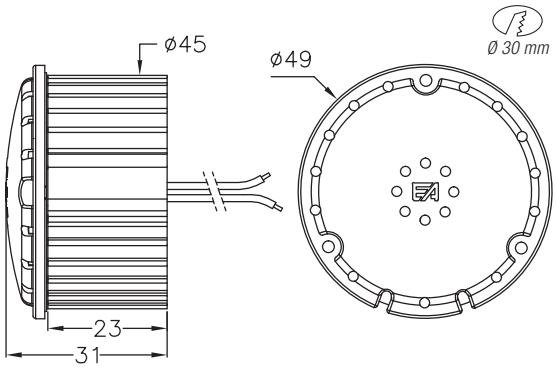
Da definire in fase d'ordine / *To be chosen when ordering*

Note | ***Notes***

I moduli LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare i moduli e/o apportare modifiche agli stessi ed evitare di collegarli sotto tensione. In base al dimmer utilizzato può variare il range di dimmerazione. A bassi valori di dimmerazione potrebbe verificarsi un aumento del flicker e causare lo spegnimento di alcuni gruppi di LED.

LED modules contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED modules and/ or not to modify them. Avoid connecting the LED modules while they are powered.
Depending on the dimmer used, the dimming range may change. At low dimming values, flicker increase, and some groups of LEDs switch off.

MT078

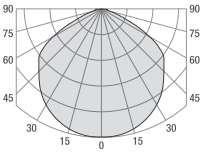


Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	5

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	5	505	101	A-G F
3000K		505	101	A-G F
4000K		505	101	A-G F
5000K		505	101	A-G F

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 5W
On request it is possible to produce the LED board with different powers up to max 5W

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	12
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 3.68
Flicker	P_{st}LM 0.08
Power factor	0.99
Dimensions	Ø 49 mm x h 31 mm



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / *Accessories*
Cavi / *Cables*

Codice ordine standard / *Standard order code*
Con cover di protezione in PC incollata, cavi saldati, senza pad termico e altri accessori
With glued PC protection cover, welded cables, without thermal pad and other accessories

MT078 ❶ | XXXXX ❷ . M050BWYAE ❶ . YYYYY ❸

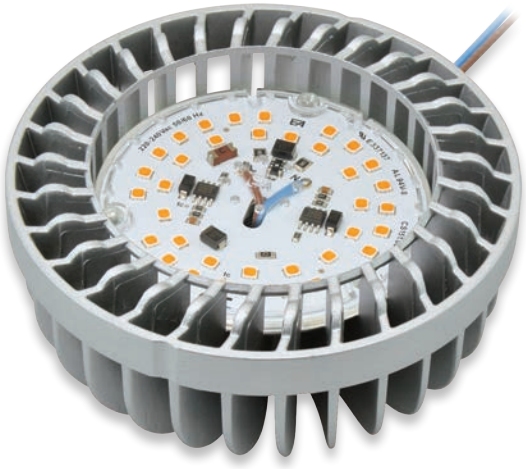
❶ **Codice fisso / *Fixed code*** CL078 _ M050BWYAE

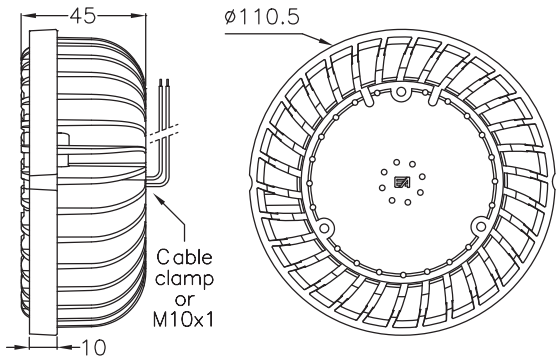
❷ CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803
5000K	50803

❸ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

AR1_M





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	17	1870	110	E
3000K		1870	110	E
4000K		1870	110	E

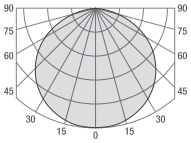
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

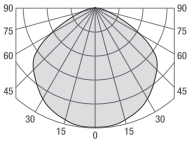
Attenzione / *Warning*

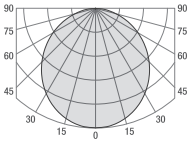
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

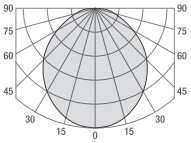
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

Curva tipica di distribuzione della luce
Luminous intensity distribution


No cover


Cover trasparente
Transparent cover


Cover satinata
Frosted cover


Cover opale
Opal cover

Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	36
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 3.78
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 110.5 mm x h 45 mm

Accessori / *Accessories*
Cover, cavi, dissipatore nero o alluminio
Cover, cables, black or aluminium heatsink

Codice ordine standard / *Standard order code*
Con o senza cover, con cavi, blocca cavo e dissipatore
With or without cover, with cables, cable clamp and heatsink

AR1	XXXXX	.	M170	XX	X	AG	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* AR1 _ M170 _AG

2 CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803

3 Dissipatore / *Heatsink*

Nero / *Black*	BY
Alluminio / *Aluminium*	BV

4 Cover

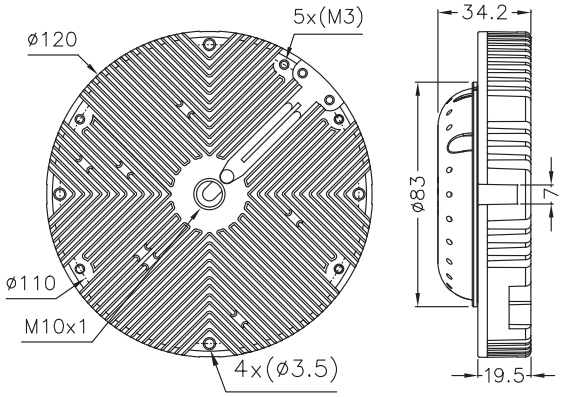
No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

5 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT360



Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	16

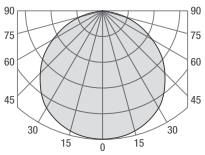
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	16	1728	108	F	1504	94	F
3000K		1792	112	E	1520	95	F
4000K		1840	115	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 16W
On request it is possible to produce the LED board with different powers up to max 16W

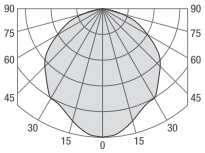
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

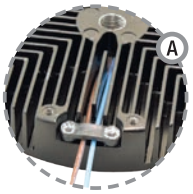
Curva tipica di distribuzione della luce
Luminous intensity distribution



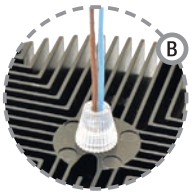
Senza cover
Without cover



Con cover trasparente
With transparent cover



Uscita cavi posteriore laterale
Side back cable exit



Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED Q.ty	36
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 0.12
Flicker	P_{st}LM 0.52
Power factor	0.99
Dimensions	Ø 120 mm x h 34.2 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con cover trasparente, cavi, bloccacavo, senza altri accessori
With transparent cover, cables, cable clamp, without other accessories

MT360	XXXXX	.	M160	XX	X	AG	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT360 _ M160 _ AG

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

3 Blocca cavo / *Cable clamp*

A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

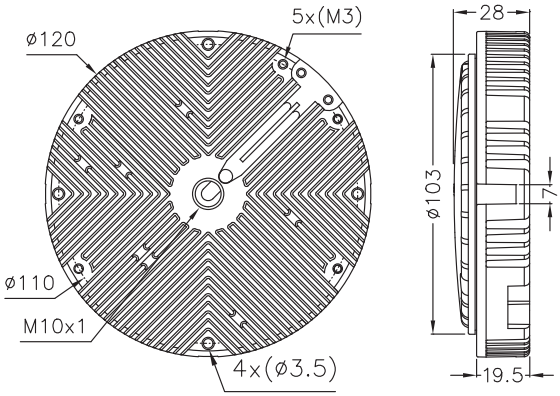
4 Cover

No cover	X
Trasparente / *transparent*	Y

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT149



Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	10

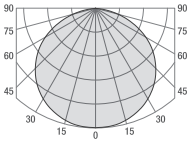
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	10	1100	110	E	1000	100	F
3000K		1100	110	E	1000	100	F
4000K		1100	110	E			

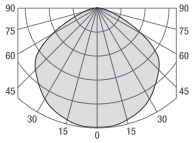
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 10W
On request it is possible to produce the LED board with different powers up to max 10W

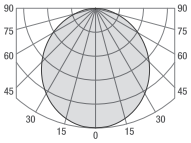
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

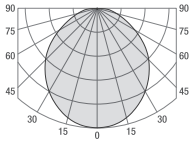
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

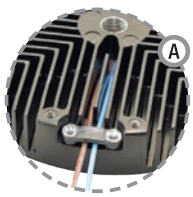
Curva tipica di distribuzione della luce
Luminous intensity distribution


No cover

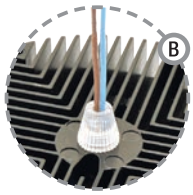

Cover trasparente
Transparent cover


Cover satinata
Frosted cover


Cover opale
Opal cover



Uscita cavi posteriore laterale
Side back cable exit



Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	36
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 3.7
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 120 mm x h 28 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con cover trasparente, cavi, bloccacavo, senza altri accessori
With transparent cover, cables, cable clamp, without other accessories

MT149 ❶	XXXXX ❷	.	M100 ❶	XX ❸	X ❹	AG ❶	.	YYYYY ❺

❶ **Codice fisso / *Fixed code*** MT149 _ M100 _ AG

❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

❸ **Blocca cavo / *Cable clamp***

A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

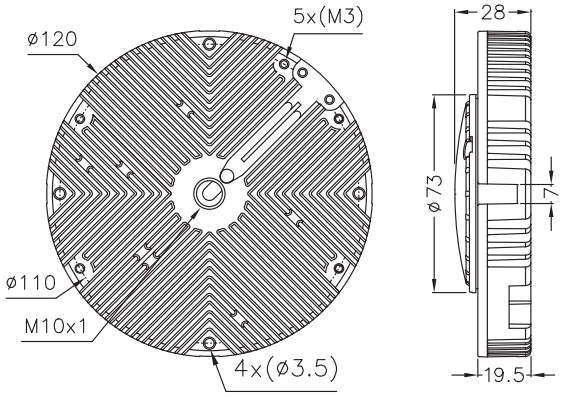
❹ **Cover**

No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

❺ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT151



Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	17	1870	110	E
3000K		1870	110	E
4000K		1870	110	E

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	36
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 3.78
Flicker	P_{st}LM 0.08
Power factor	0.99
Dimensions	Ø 120 mm x h 28 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con cover trasparente, cavi, bloccacavo, senza altri accessori
With transparent cover, cables, cable clamp, without other accessories

MT151	XXXXX	.	M170	XX	X	AG	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT151 _ M170 _ AG

2 CCT	**CRI>80**
2700K	27803
3000K	30803
4000K	40803

3 Blocca cavo / *Cable clamp*

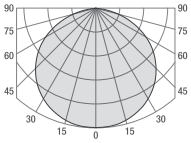
A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

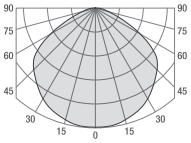
4 Cover

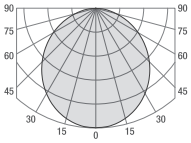
No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z

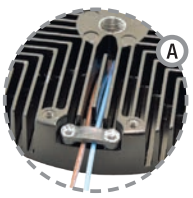
5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution

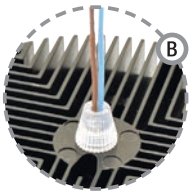

No cover


Cover trasparente
Transparent cover


Cover satinata
Frosted cover



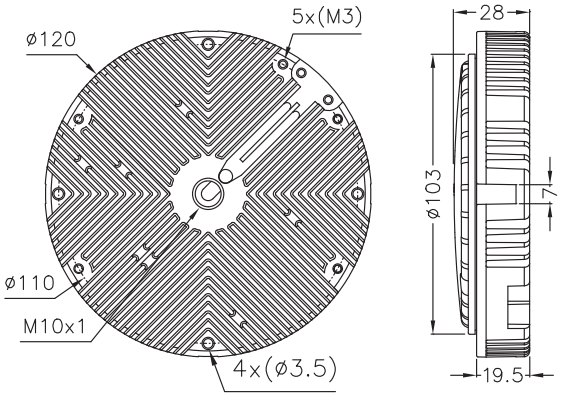
Uscita cavi posteriore laterale
Side back cable exit



Uscita cavi posteriore centrale
Central back cable exit

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT152



Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 50/60Hz)	TRIAC/IGBT	17

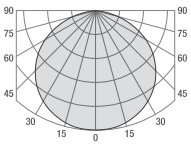
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	1870	110	E	1650	97	F
3000K		1870	110	E	1650	97	F
4000K		1870	110	E			

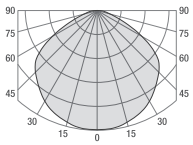
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

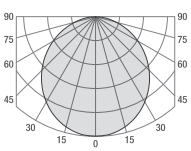
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

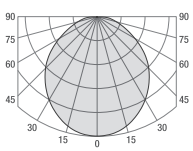
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

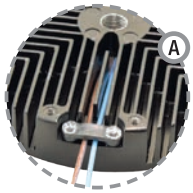
Curva tipica di distribuzione della luce
Luminous intensity distribution


No cover

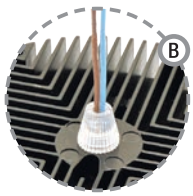

Cover trasparente
Transparent cover


Cover satinata
Frosted cover


Cover opale
Opal cover



Uscita cavi posteriore laterale
Side back cable exit



Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	48
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 3.72
Flicker	$P_{st}LM$ 0.08
Power factor	0.99
Dimensions	Ø 120 mm x h 28 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con cover trasparente, cavi, bloccacavo, senza altri accessori
With transparent cover, cables, cable clamp, without other accessories

MT152	XXXXX	.	M170	XX	X	AG	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT152 _ M170 _ AG

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

3 Blocca cavo / *Cable clamp*

A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

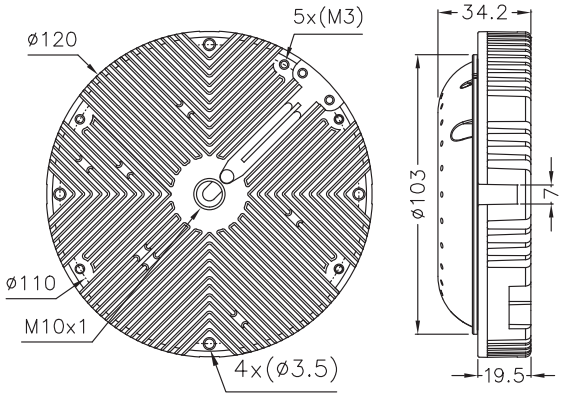
4 Cover

No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT361



Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	17

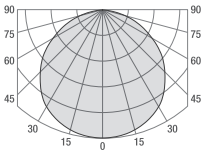
CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	17	1870	110	E	1615	95	F
3000K		1938	114	E	1632	96	F
4000K		2023	119	E			

Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 17W
On request it is possible to produce the LED board with different powers up to max 17W

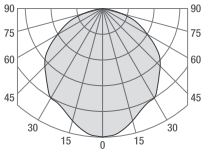
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

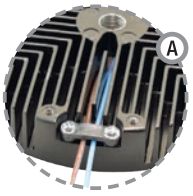
Curva tipica di distribuzione della luce
Luminous intensity distribution



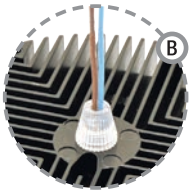
Senza cover
Without cover



Con cover trasparente
With transparent cover



Uscita cavi posteriore laterale
Side back cable exit



Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80, CRI>90
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED Q.ty	48
Cover	Trasparente / *Transparent*
Stroboscopic effect	SVM 0.12
Flicker	P_{st}LM 0.52
Power factor	0.99
Dimensions	Ø 120 mm x h 34.2 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con cover trasparente, cavi, bloccacavo, senza altri accessori
With transparent cover, cables, cable clamp, without other accessories

MT361	XXXXX	.	M170	XX	X	AG	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT361 _ M170 _ AG

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

3 Blocca cavo / *Cable clamp*

A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

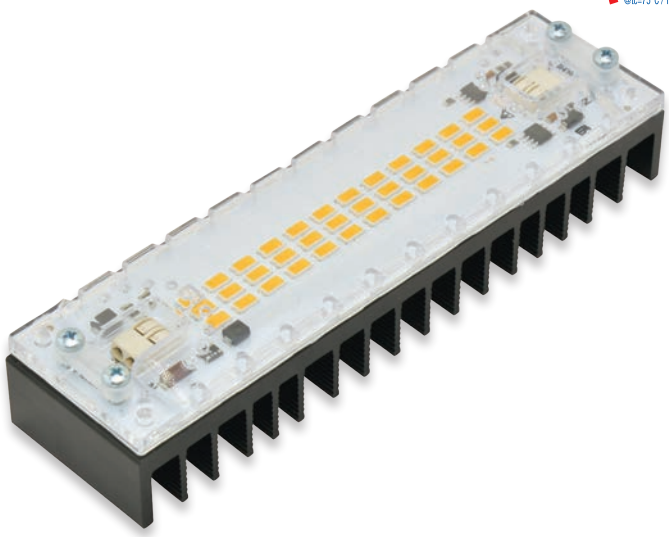
4 Cover

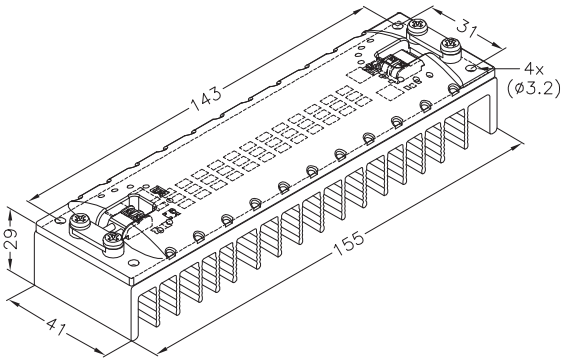
No cover	X
Trasparente / *transparent*	Y

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT083





Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
220~240 (50/60Hz)	TRIAC/IGBT	13.5

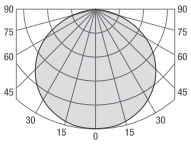
CCT	Power Typ (W)	CRI>80		
		Im Typ	Im/W	Energy efficiency
2700K	13.5	1485	110	A-G E
3000K		1485	110	A-G E
4000K		1485	110	A-G E
5000K		1485	110	A-G E

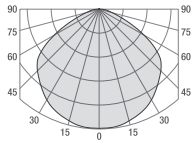
Su richiesta è possibile produrre la scheda LED con potenze diverse fino a max 13.5W
On request it is possible to produce the LED board with different powers up to max 13.5W

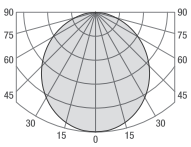
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
N.B.: al fine del mantenimento dei parametri sopra indicati, in conformità alla normativa EPREL, **la cover deve rimanere removibile**.

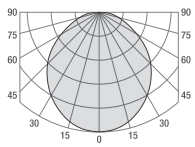
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.
***N.B.:** in order to maintain the above parameters, in accordance with the EPREL standard, **the cover must remain removable**.*

Curva tipica di distribuzione della luce
Luminous intensity distribution


No cover


Cover trasparente
Transparent cover


Cover satinata
Frosted cover


Cover opale
Opal cover

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED Q.ty	36
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 3.63
Flicker	$P_{st}LM$ 0.09
Power factor	0.99
Dimensions	155 x 41 mm - h 29 mm

Accessori / *Accessories*
Cavi, pad termico, cover / *Cables, thermal pad, cover*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

MT083	XXXXX	.	M135	XXX	AE
1	2		1	3	1

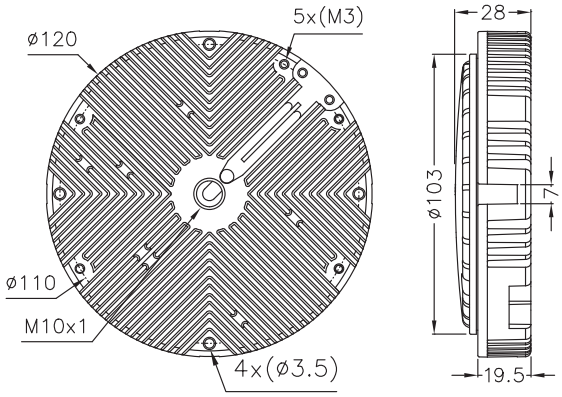
1 Codice fisso / *Fixed code* MT083 _ M135 _ AE

2 CCT	**CRI>80**
2700K	27803
3000K	30803
4000K	40803
5000K	50803

3 Cover	
No cover	GZX
Trasparente / *transparent*	GZY
Satinata / *frosted*	GZZ
Opale / *opal*	GZW

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT193



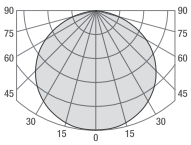
Vac Input (V)	Dimmerabile *Dimmable*	Power Typ (W)
110~120 (50/60Hz)	TRIAC/IGBT	17

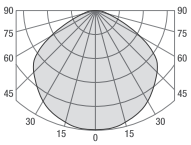
CCT	Power Typ (W)	CRI>80		CRI>90	
		Im Typ	Im/W	Im Typ	Im/W
2700K	17	1870	110	1513	89
3000K		1870	110	1513	89
4000K		1870	110		

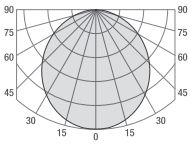
Su richiesta è possibile produrre la scheda LED con potenze diverse
On request it is possible to produce the LED board with different powers

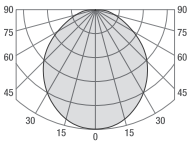
Attenzione / *Warning*
Applicando una cover di protezione alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
La cover opale inoltre può provocare anche una variazione importante del CCT.
Applying a protection cover to the light source will have a decrease in the lumen value (lm).
The opal cover can also cause a significant change in the CCT.

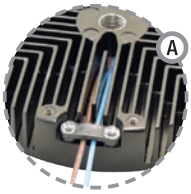
Curva tipica di distribuzione della luce
Luminous intensity distribution


No cover

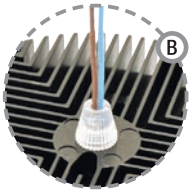

Cover trasparente
Transparent cover


Cover satinata
Frosted cover


Cover opale
Opal cover



Uscita cavi posteriore laterale
Side back cable exit



Uscita cavi posteriore centrale
Central back cable exit

RA/CRI	CRI>80, CRI>90
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED Q.ty	48
Cover	Trasparente, satinata o opale *Transparent, frosted or opal*
Stroboscopic effect	SVM 4.62
Flicker	$P_{st}LM$ 0.12
Power factor	0.97
Dimensions	Ø 120 mm x h 28 mm

Accessori / *Accessories*
Cavi, cover, blocca cavo / *Cables, cover, cable clamp*

Codice ordine standard / *Standard order code*
Con cover trasparente, cavi, bloccacavo, senza altri accessori
With transparent cover, cables, cable clamp, without other accessories

MT193	XXXXX	.	M170	XX	X	AG	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT193 _ M170 _ AG

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	/

3 Blocca cavo / *Cable clamp*

A - Laterale / *Side*	AY
B - Centrale / *Central*	BY

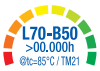
4 Cover

No cover	X
Trasparente / *transparent*	Y
Satinata / *frosted*	Z
Opale / *opal*	W

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Moduli LED per il Relamping
LED modules for Relamping

Legenda	***Legend***	
Durata di vita della sorgente luminosa / *Lifetime of the light source*		
Classe efficienza energetica / *Energy efficiency class*		
Modulo LED in corrente costante / *Constant current LED module*		
Modulo LED in tensione costante / *Constant voltage LED module*		
Angolo fascio luminoso / *Beam angle*		
Step MacAdam / *MacAdam step*		
Modulo LED da incorporare / *Built-in lighting module*		
Dimmerabile / *Dimmable*		
Grado di protezione IP66 / *IP66 international protection*		
Grado di protezione IP67 / *IP67 international protection*		
Ordine minimo / *Minimum order*		

Moduli LED / ***LED modules***	
Corrente costante / *Constant current*	**193 › 196**
Tensione costante / *Constant voltage*	**197 › 198**

Alimentatore e Driver | ***Power supply unit and Driver***

Se non diversamente indicato, i moduli LED non sono protetti da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Per un buon funzionamento, assicurarsi che l'alimentatore/driver utilizzato abbia tali protezioni.

Unless otherwise indicated, LED modules are not protected against overvoltage, overcurrent, overload or short-circuits. For correct operation, check power supply unit/driver has such protections.

Tmax - Temperatura d'esercizio | ***Working temperature***

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED.

To be tested on final application, measured on aluminium body or at LED board t_c / t_p (if present) or at the nearest point to the LED.

Dissipazione | ***Dissipation***

I moduli LED sono autodissipati.
Al fine di una corretta dissipazione possono essere fissati su un ulteriore supporto alluminio.

LED modules are self-dissipated.
In order to obtain correct dissipation, can be fixed on an additional aluminum support.

Tolleranze | ***Tolerances***

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Spessore PCB / *PCB thickness:* ±10%
Ø fori / *hole Ø:* ±0.1mm

Varianti e accessori | ***Variants and accessories***

Da definire in fase d'ordine / *To be chosen when ordering*

Note | ***Notes***

I moduli LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare i moduli e/o apportare modifiche agli stessi ed evitare di collegarli ad un alimentatore sotto tensione.

LED modules contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED modules and/or not to modify them. Avoid connecting the LED boards while the driver is being powered.

MT551

L70-B50 >170.000h @tc=90°C / TM21

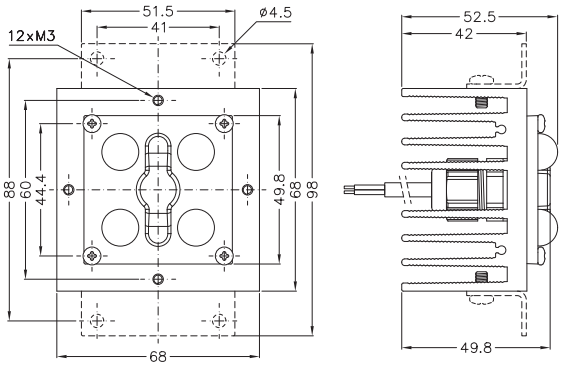
CC

VARIOUS

3 SDCM

IP66

25



X1		X2		Power Typ (W)
CC Input (mA)	V Typ (V)	CC Input (mA)	V Typ (V)	
350	22.9	700	11.4	8
500	23.7	1000	11.9	11.9
700	24.7	1400	12.4	17.3
750	24.9	1500	12.5	18.7
800	25.3	1600	12.6	20.2

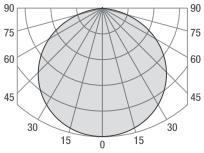
CCT	Power Typ (W)	CRI>80		Energy efficiency
		lm Typ	lm/W	
2200K	8	1114	139	
	11.9	1530	129	
	17.3	1996	115	
	18.7	2124	114	F
	20.2	2221	110	
2700K	8	1232	154	
	11.9	1693	142	
	17.3	2209	128	
	18.7	2350	126	E
	20.2	2457	122	
3000K	8	1329	166	
	11.9	1826	153	
	17.3	2382	138	
	18.7	2535	136	E
	20.2	2650	131	
4000K	8	1436	180	
	11.9	1973	166	
	17.3	2574	149	
	18.7	2738	146	D
	20.2	2863	142	

Su richiesta è possibile produrre il modulo LED con temperature colore fino a 6500K
On request it is possible to produce the LED module with color temperatures up to 6500K

Attenzione / *Warning*
Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
N.B.: per mantenere i parametri indicati, in conformità alla normativa "EPREL", **la lente deve rimanere removibile**.

Applying a lens to the light source will have a decrease in the lumen value (lm).
***N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, **the lens must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	4
Dimensions	68 x 68 mm x h 52.5 mm



Curva tipica di distribuzione della luce
(senza lente)
Luminous intensity distribution
(without lens)

Approvazioni / *Approvals*

CE

Accessori / *Accessories*
Cavo, lente, squadrette di fissaggio / *Cable, lens, fixing brackets*

Codice ordine standard / *Standard order code*
Con lente e cavo, con o senza squadrette di fissaggio
With lens and cable, with or without fixing brackets

MT551	XXXXX	.	XX	BY	X	XX	AFC	.	YYYYY
1	2		3	1	4	5	1		6

1 Codice fisso / *Fixed code* MT551 _ BY _ AFC

2 CCT + SDCM	**CRI>80**
2200K	22803
2700K	27803
3000K	30803
4000K	40803

3 Versione / *Version*

max 800mA / 25.3V	X1
max 1600mA / 12.6V	X2

4 Squadrette fissaggio / *Fixing brackets*

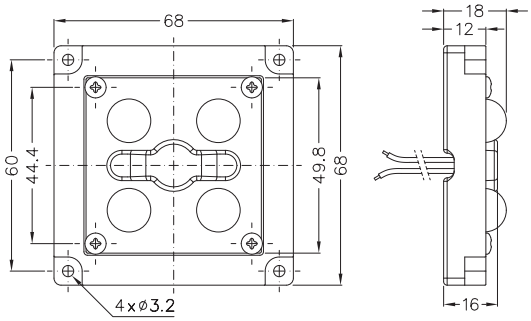
Si / *YES*	Q
NO	Y

5 Lente / *Lens*
Da definire in fase d'ordine / *To be chosen when ordering*

6 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MF551



X1		X2		Power Typ (W)
CC Input (mA)	V Typ (V)	CC Input (mA)	V Typ (V)	
350	22.9	700	11.4	8
500	23.7	1000	11.9	11.9
700	24.7	1400	12.4	17.3
750	24.9	1500	12.5	18.7
800	25.3	1600	12.6	20.2

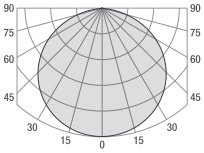
CCT	Power Typ (W)	CRI>80		Energy efficiency
		lm Typ	lm/W	
2200K	8	1114	139	
	11.9	1530	129	
	17.3	1996	115	
	18.7	2124	114	F
	20.2	2221	110	
2700K	8	1232	154	
	11.9	1693	142	
	17.3	2209	128	
	18.7	2350	126	E
	20.2	2457	122	
3000K	8	1329	166	
	11.9	1826	153	
	17.3	2382	138	
	18.7	2535	136	E
	20.2	2650	131	
4000K	8	1436	180	
	11.9	1973	166	
	17.3	2574	149	
	18.7	2738	146	D
	20.2	2863	142	

Su richiesta è possibile produrre il modulo LED con temperature colore fino a 6500K
On request it is possible to produce the LED module with color temperatures up to 6500K

Attenzione / *Warning*
Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
N.B.: per mantenere i parametri indicati, in conformità alla normativa "EPREL", **la lente deve rimanere removibile**.

Applying a lens to the light source will have a decrease in the lumen value (lm).
***N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, **the lens must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	4
Dimensions	68 x 68 mm x h 18 mm



Curva tipica di distribuzione della luce
(senza lente)
Luminous intensity distribution
(without lens)

Approvazioni / *Approvals*

Accessori / *Accessories*
Cavo, lente, squadrette di fissaggio / *Cable, lens, fixing brackets*

Codice ordine standard / *Standard order code*
Con lente e cavo, con o senza squadrette di fissaggio
With lens and cable, with or without fixing brackets

MF551	XXXXX	.	XX	BZY	XX	AFC	.	YYYYY
1	2		3	1	4	1		5

1 Codice fisso / *Fixed code* MF551 _ BZY _ AFC

2 CCT + SDCM	**CRI>80**
2200K	22803
2700K	27803
3000K	30803
4000K	40803

3 Versione / *Version*

max 800mA / 25.3V	X1
max 1600mA / 12.6V	X2

4 Lente / *Lens*
Da definire in fase d'ordine / *To be chosen when ordering*

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MF526

L70-B50 >150.000h @tc=90°C / TM21

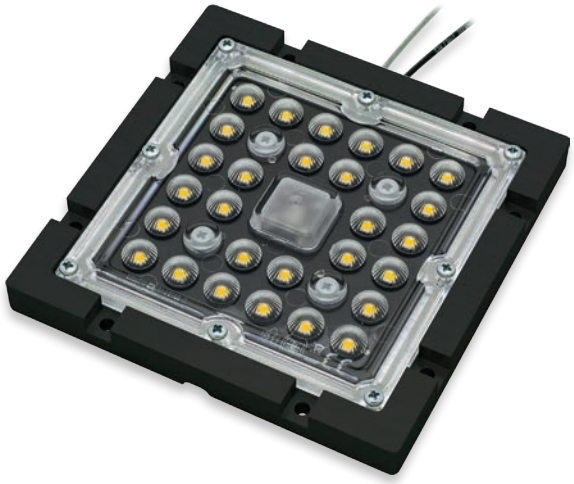
CC

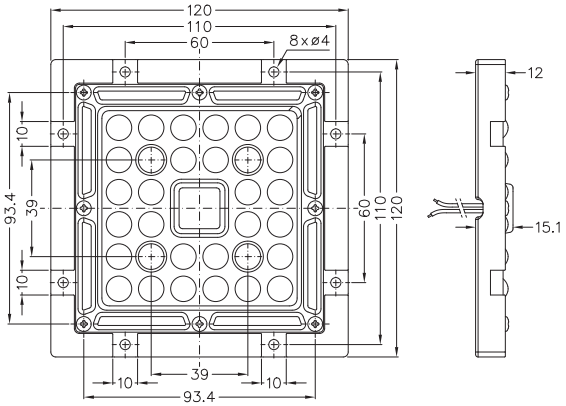
VARIOUS

3 SDCM

IP67

4





CC Input (mA)	V Typ (V)	Power Typ (W)
500	38.5	19.3
700	39	27.3
1050	40	42
1400	41	57.3
1500	41.2	61.7

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	19.3	3000	155	
	27.3	4150	152	
	42	6024	143	
	57.3	7685	134	E
	61.7	8104	131	
3000K	19.3	3148	163	
	27.3	4353	159	
	42	6319	150	
	57.3	8062	141	E
	61.7	8502	138	
4000K	19.3	3295	171	
	27.3	4557	167	
	42	6615	158	
	57.3	8440	147	D
	61.7	8900	144	
5700K	19.3	3369	175	
	27.3	4659	171	
	42	6763	161	
	57.3	8628	151	D
	61.7	9099	147	

Attenzione / ***Warning***

Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

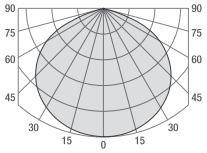
N.B.: per mantenere i parametri indicati, in conformità alla normativa "EPREL", **la lente deve rimanere removibile**.

Applying a lens to the light source will have a decrease in the lumen value (lm).

N.B.: *to maintain the indicated parameters, in compliance with the "EPREL" standard,* ***the lens must remain removable****.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED Q.ty	28
Dimensions	120 x 120 mm x h 15.1 mm

Curva tipica di distribuzione della luce (senza lente)
Luminous intensity distribution *(without lens)*



Accessori / ***Accessories***
Cavo e lente / *Cable and lens*

Codice ordine standard / ***Standard order code***
Con lente e cavo / *With lens and cable*

MF526	XXXXX	.	XBZY	XX	AAB	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / ***Fixed code*** — MF526 _ XBZY _ AAB

2 CCT + SDCM	**CRI>90**
2700K	27803
3000K	30803
4000K	40803
5700K	57803

3 Lente / ***Lens***
Da definire in fase d'ordine / *To be chosen when ordering*

4 Variante cavo / ***Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT467

L70-B50 >170.000h @tc=90°C / TM21

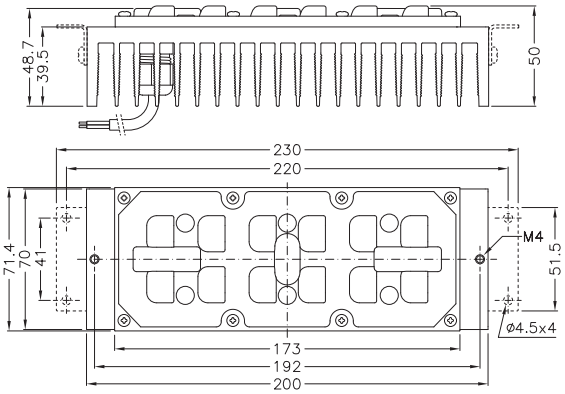
CC

VARIOUS

3 SDCM

IP67

10



CC Input (mA)	V Typ (V)	Power Typ (W)
700	34.5	24.2
1000	35.7	35.7
1300	36.8	47.9
1500	37.5	56.3
1600	37.8	60.5

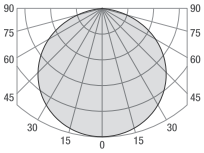
CCT (CRI>80)	Power Typ (W)	Im Typ	Im/W	Energy efficiency
2200K	24.2	3311	137	
	35.7	4603	129	
	47.9	5806	121	
	56.3	6578	117	F
	60.5	6893	114	
2700K	24.2	3663	151	
	35.7	5093	143	
	47.9	6423	134	
	56.3	7277	129	E
	60.5	7626	126	
3000K	24.2	3951	163	
	35.7	5494	154	
	47.9	6928	145	
	56.3	7850	139	E
	60.5	8226	136	
4000K	24.2	4268	176	
	35.7	5935	166	
	47.9	7485	156	
	56.3	8480	151	D
	60.5	8887	147	

Su richiesta è possibile produrre il modulo LED con temperature colore fino a 6500K
On request it is possible to produce the LED module with color temperatures up to 6500K

Attenzione / *Warning*
Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).
N.B.: per mantenere i parametri indicati, in conformità alla normativa "EPREL", **la lente deve rimanere removibile**.

Applying a lens to the light source will have a decrease in the lumen value (lm).
***N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, **the lens must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	12
Dimensions	200 x 71.4 mm x h 50 mm



Curva tipica di distribuzione della luce
(senza lente)
Luminous intensity distribution
(without lens)

Approvazioni / *Approvals*
MT467: CE CL467: CE EAC 05

Accessori / *Accessories*
Cavo, lente, squadrette di fissaggio / *Cable, lens, fixing brackets*

Codice ordine standard / *Standard order code*
Con lente e cavo, con o senza squadrette di fissaggio
With lens and cable, with or without fixing brackets

MT467	XXXXX	.	XBY	X	XX	AFC	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT467 _ XBY _ AFC

2 CCT + SDCM	**CRI>80**
2200K	22803
2700K	27803
3000K	30803
4000K	40803

3 Squadrette fissaggio / *Fixing brackets*

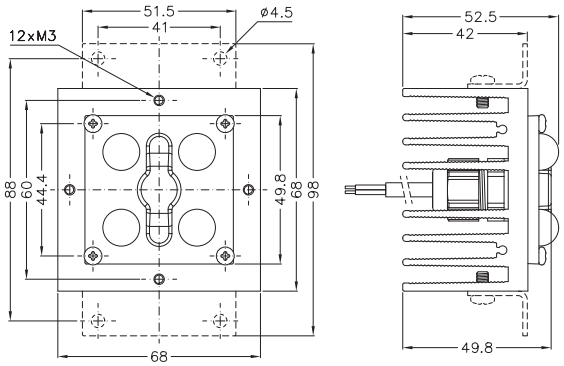
Si / *YES*	Q
NO	Y

4 Lente / *Lens*
Da definire in fase d'ordine / *To be chosen when ordering*

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MT551_XV



Vdc Input (V)	Power Typ (W)
24	12

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2200K	12	1400	117	E
2700K		1585	132	E
3000K		1710	142	E
4000K		1847	154	D

Su richiesta è possibile produrre la scheda LED con potenze diverse fino ad un massimo di 12W e con tempreture colore fino a 6500K

On request it is possible to produce the LED board with different powers up to a maximum of 12W and with color temperatures up to 6500K

Attenzione / *Warning*

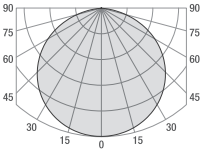
Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

N.B.: per mantenere i parametri indicati, in conformità alla normativa "EPREL", **la lente deve rimanere removibile**.

Applying a lens to the light source will have a decrease in the lumen value (lm).

***N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, **the lens must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	4
Dimensions	68 x 68 mm x h 52.5 mm



Curva tipica di distribuzione della luce (senza lente)
Luminous intensity distribution *(without lens)*

Approvazioni / *Approvals*

CE

Accessori / *Accessories*

Cavo, lente, squadrette di fissaggio / *Cable, lens, fixing brackets*

Codice ordine standard / *Standard order code*

Con lente e cavo, con o senza squadrette di fissaggio
With lens and cable, with or without fixing brackets

MT551	XXXXX	.	XV120BY	X	XX	AFC	.	YYYYY
1	2		1	3	4	1		5

1 Codice fisso / *Fixed code* MT551 _ XV120BY _ AFC

2 CCT + SDCM	**CRI>80**
2200K	22803
2700K	27803
3000K	30803
4000K	40803

3 Squadrette fissaggio / *Fixing brackets*

Si / *YES*	Q
NO	Y

4 Lente / *Lens*

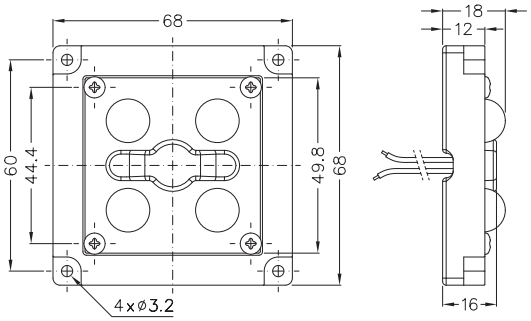
Da definire in fase d'ordine / *To be chosen when ordering*

5 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MF551_XV



Vdc Input (V)	Power Typ (W)
24	12

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 lm/W	Energy efficiency
2200K	12	1400	117	E
2700K		1585	132	E
3000K		1710	142	E
4000K		1847	154	D

Su richiesta è possibile produrre la scheda LED con potenze diverse fino ad un massimo di 12W e con tempreture colore fino a 6500K

On request it is possible to produce the LED board with different powers up to a maximum of 12W and with color temperatures up to 6500K

Attenzione / *Warning*

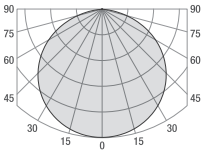
Applicando una lente alla sorgente luminosa si avrà una diminuzione in percentuale del valore dei lumen (lm).

N.B.: per mantenere i parametri indicati, in conformità alla normativa "EPREL", **la lente deve rimanere removibile**.

Applying a lens to the light source will have a decrease in the lumen value (lm).

***N.B.:** to maintain the indicated parameters, in compliance with the "EPREL" standard, **the lens must remain removable**.*

RA/CRI	CRI>80
PCB	IMS 1.6 mm
LED type	BRIDGELUX® 5050
LED Q.ty	4
Dimensions	68 x 68 mm x h 18 mm



Curva tipica di distribuzione della luce (senza lente)
Luminous intensity distribution *(without lens)*

Approvazioni / *Approvals*

CE

Accessori / *Accessories*

Cavo, lente, squadrette di fissaggio / *Cable, lens, fixing brackets*

Codice ordine standard / *Standard order code*

Con lente e cavo, con o senza squadrette di fissaggio
With lens and cable, with or without fixing brackets

MF551	XXXXX	.	XV120BZY	XX	AFC	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* MF551 _ XV120BZY _ AFC

2 CCT + SDCM	**CRI>80**
2200K	22803
2700K	27803
3000K	30803
4000K	40803

3 Lente / *Lens*

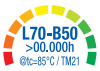
Da definire in fase d'ordine / *To be chosen when ordering*

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Strip LED e profili in alluminio
LED strip and aluminium profiles

Legenda	***Legend***	
Durata di vita della sorgente luminosa / *Lifetime of the light source*	
Classe efficienza energetica / *Energy efficiency class*	
Tensione costante 24Vdc / *24Vdc constant voltage*	
Potenza max-metro / *Max power-meter*	
Strip LED RGB / *RGB LED strip*	
Angolo fascio luminoso / *Beam angle*	
Step MacAdam	
Modulo LED da incorporare / *Built-in lighting module*	
Dimmerabile / *Dimmable*	
Flessibile / *Flexible*	
Linkabile / *Linkable*	
Divisibile / *Divisible*	
Grado di protezione IP20 / *IP20 international protection*	
Grado di protezione IP33 / *IP33 international protection*	
Grado di protezione IP55 / *IP55 international protection*	
Classe di isolamento III / *Class insulation III*	
Ordine minimo / *Minimum order*	

Alimentatore | *Power supply unit*

Se non diversamente indicato, le strip LED non sono protette da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Utilizzare esclusivamente alimentatori in classe II dotati di tali protezioni.

Unless otherwise indicated, LED strip are not protected against overvoltage, overcurrent, overload or short-circuits. Use only class II power supplies equipped with these protections.

Tmax - Temperatura d'esercizio | *Working temperature*

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla strip (se presente) o nel punto più vicino al LED.

To be tested on final application measured at LED strip t_c / t_p (if present) or at the nearest point to the LED.

Dissipazione | *Dissipation*

Le strip LED non sono auto dissipate.
Al fine di una corretta dissipazione devono essere fissate su una struttura in alluminio.

LED strip are not self dissipated.
In order to obtain correct dissipation must be fixed to an aluminum support.

Tolleranze | *Tolerances*

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Ø fori / *hole Ø:* ±0.1mm

Varianti e accessori | *Variants and accessories*

Da definire in fase d'ordine / *To be chosen when ordering.*

Note | *Notes*

Le strip LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare le strip e/o apportare modifiche alle stesse ed evitare di collegarle ad un alimentatore sotto tensione. Non accendere la strip LED quando è ancora nell'imballo. Sorgenti luminose non sostituibili dall'utente.

LED strip contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED strip and/or not to modify them. Avoid connecting LED strip to a powered supply unit. Do not turn on the LED strip when it is still in the packaging. Non-user replaceable light sources.

Strip LED / ***LED strip***	
Tensione costante 24Vdc / *24Vdc constant voltage*	201 › 214
Tensione costante 48Vdc / *48Vdc constant voltage*	215
Tensione costante 24Vdc RGB / *RGB 24Vdc constant voltage*	216
Profili in alluminio / *Aluminium profiles*	217 › 222

STF064

64 LEDs/m

L70-B50 >80.000h @tc=75°C / TM21

24V DC

4.8 W/m

120°

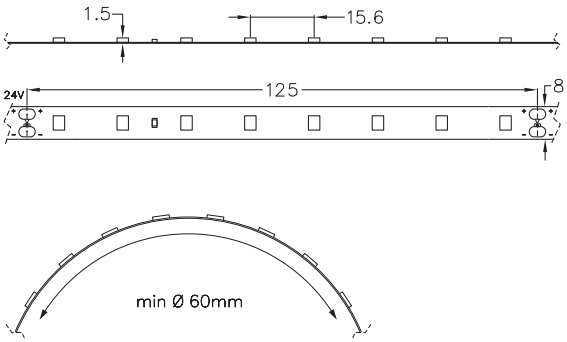
3 SDCM

Flex

IP33

III

5 m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	4.8	0.2	8 LEDs 125 mm

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	4.8	670	140	E
3000K		710	148	D
4000K		750	156	D

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	64
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 125 mm

Approvazioni / *Approvals*

c UL us LISTED E498657 · RoHS · Reach · CE · UK CA

Codice ordine standard / *Standard order code*

Con cavi e adesivo / *With cables and adhesive*

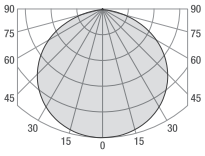
STF064	XX	82V08
1	2	1

1 Codice fisso / *Fixed code* STF064 _ 82V08

2 CCT

2700K	27
3000K	30
4000K	40

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STW064

64 LEDs/m

L70-B50 >80.000h @tc=75°C / TM21

24V DC

4.8 W/m

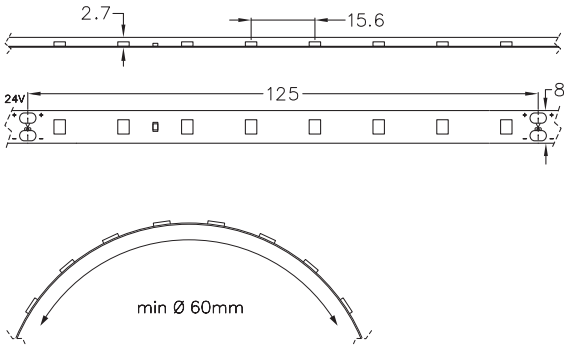
120°

3 SDCM

Flex

IP55

5 m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	4.8	0.2	8 LEDs 125 mm

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	4.8	550	115	F
3000K		566	118	F
4000K		600	125	E

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	64
Dimensions	5000 x 8 mm x h 2.7 mm Taglio / *cut:* = 125 mm

Approvazioni / *Approvals*

c UL us LISTED E498657 · RoHS · Reach · CE · UK CA

Codice ordine standard / *Standard order code*

Con cavi e adesivo / *With cables and adhesive*

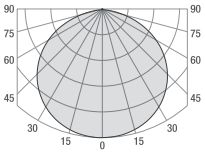
STW064	XX	82V08
❶	❷	❶

❶ **Codice fisso / *Fixed code*** STW064 _ 82V08

❷ **CCT**

2700K	27
3000K	30
4000K	40

Curva tipica di distribuzione della luce
Luminous intensity distribution

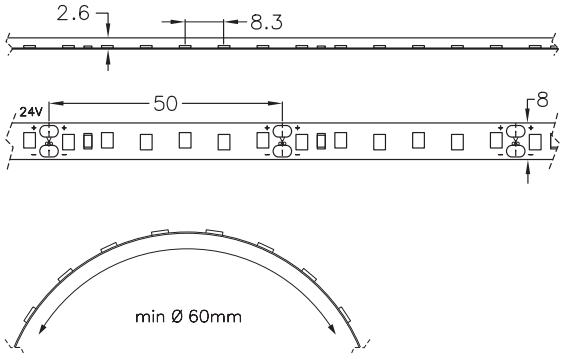


Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STW1203R82V08

120 LEDs/m

Specifica per illuminazione carne
Specific for meat lighting

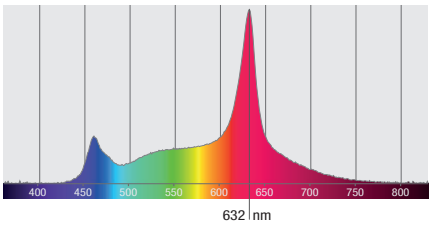


Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	8	0.33	6 LEDs 50 mm

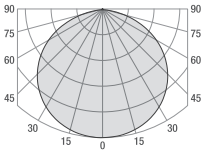
CCT CRI>80	Power Typ (W)	Im Typ	Im/W
2300K (3000K + RED)	8	434	54

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	120
Dimensions	5000 x 8 mm x h 2.6 mm Taglio / *cut:* = 50 mm

Spettro / *Spectra*



Curva tipica di distribuzione della luce
Luminous intensity distribution



Approvazioni / *Approvals*

RoHS

Codice ordine standard / ***Standard order code***
Con cavi e adesivo / *With cables and adhesive*

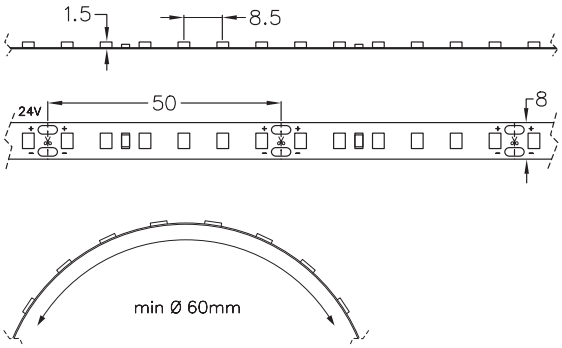
STW1203R82V08
1

1 **Codice fisso** / ***Fixed code*** STW1203R82V08

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STF1202835W

120 LEDs/m



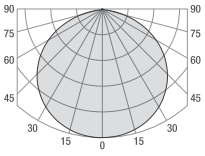
Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	14.4	0.6	6 LEDs 50 mm

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
3000K	14.4	1454	101	F

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	120
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 50 mm

Curva tipica di distribuzione della luce
Luminous intensity distribution



Approvazioni / *Approvals*

IEC/EN 60598-2-20

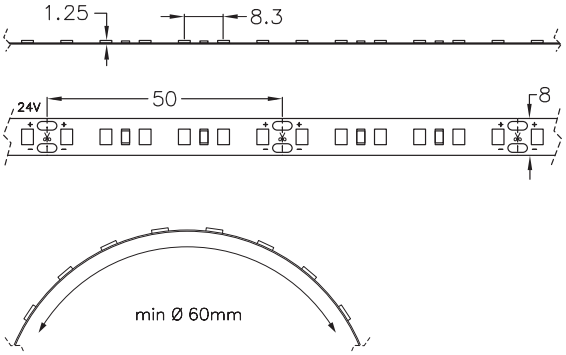
Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

STF1202835W ❶	.	23B05 ❶

❶ **Codice fisso / *Fixed code*** STF1682835.23B05

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SF265
120 LEDs/m



Vdc Input (V)	CRI>80 Power Typ (W/m)	CRI>80 Current (A/m)	CRI>90 Power Typ (W/m)	CRI>90 Current (A/m)	Taglio *Cutting*
24	25	1.04	20	0.83	6 LEDs 50 mm

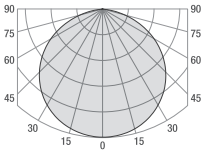
CCT CRI>80	Power Typ (W)	Im Typ	Im/W	Energy efficiency
2700K	25	2766	111	F
3000K		2924	117	F
4000K		3082	123	E
5000K		3115	125	E

CCT CRI>90	Power Typ (W)	Im Typ	Im/W	Energy efficiency
2700K	20	2084	104	F
3000K		2084	104	F
4000K		2160	108	F

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

Su richiesta è possibile produrre la strip LED con potenze diverse fino a max 20W e 25W
On request it is possible to produce the LED strip with different powers up to max 20W and 25W

Curva tipica di distribuzione della luce
Luminous intensity distribution



Approvazioni / *Approvals*

CE

RA/CRI	CRI>80, CRI>90
LED type	SAMSUNG® 2835
LEDs/m	120
Dimensions	5000 x 8 mm x h 1.25 mm Taglio / *cut:* = 50 mm

Accessori / *Accessories*
Cavi, adesivo / *Cables, adhesive*

Codice ordine standard / *Standard order code*
Con o senza cavi e adesivo / *With or without cables and adhesive*

SF265	XXXXX	.	XXXXX	XX	LA	.	YYYYY
1	2		3	4	1		5

1 Codice fisso / *Fixed code* SF265 _ XV250 _ LA

2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Potenza / *Power*

25W (solo / *only* CRI>80)	XV250
20W	XV200

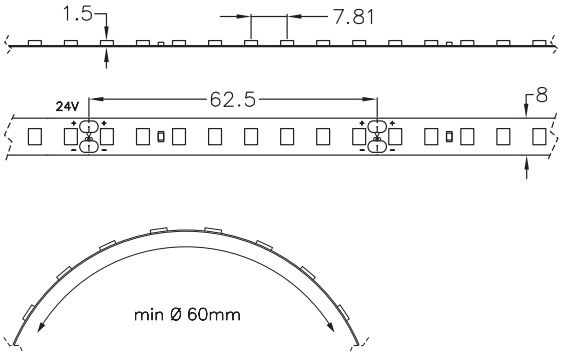
4 Varianti standard *Standard variants*	Adesivo / *Adhesive* 3M® NO	300 LSE	55230H
Senza cavi / *Without cables*	XX	XE	XF
Con cavi / *With cables*	AX	AE	AF

5 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STF128

128 LEDs/m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	9.6	0.4	8 LEDs 62.5 mm

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	9.6	1270	132	E
3000K		1400	146	D
4000K		1420	148	D

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	128
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 62.5 mm

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

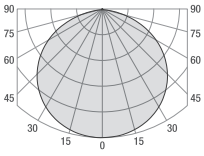
STF128	XX	82V08
❶	❷	❶

❶ **Codice fisso / *Fixed code*** STF128 _ 82V08

❷ **CCT**

2700K	27
3000K	30
4000K	40

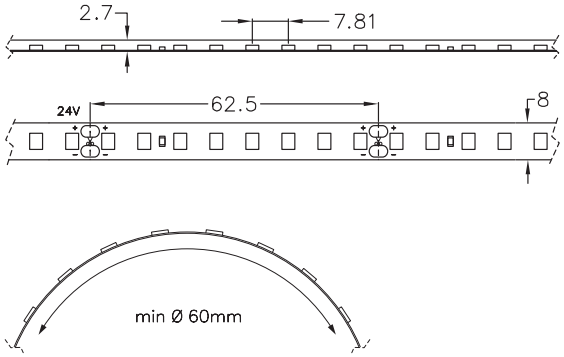
Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STW128

128 LEDs/m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	9.6	0.4	8 LEDs 62.5 mm

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	9.6	1120	117	F
3000K		1150	120	E
4000K		1230	128	E
6000K		1383	144	D

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	128
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 62.5 mm

Approvazioni / ***Approvals***

Codice ordine standard / ***Standard order code***
Con cavi e adesivo / *With cables and adhesive*

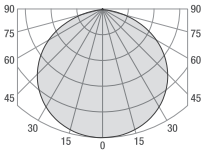
STW128	XX	82V08
1	2	1

1 Codice fisso / ***Fixed code*** STW128 _ 82V08

2 CCT

2700K	27
3000K	30
4000K	40
6000K	60

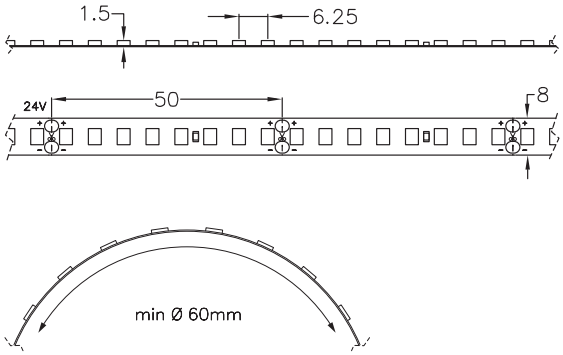
Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STF160

160 LEDs/m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	14.4	0.6	8 LEDs 50 mm

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	14.4	2016	140	E
3000K		2130	148	D
4000K		2240	156	D

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	160
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 50 mm

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

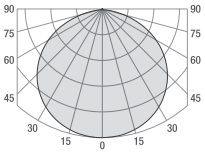
STF160	XX	82V08
❶	❷	❶

❶ **Codice fisso / *Fixed code*** STF160 _ 82V08

❷ **CCT**

2700K	27
3000K	30
4000K	40

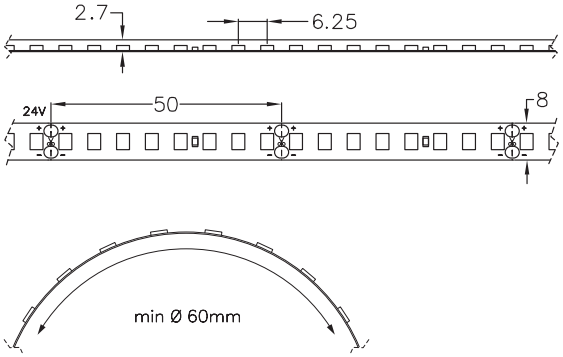
Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STW160

160 LEDs/m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	14.4	0.6	8 LEDs 50 mm

CCT	Power Typ (W)	CRI>80		Energy efficiency
		Im Typ	Im/W	
2700K	14.4	1660	115	F
3000K		1700	118	F
4000K		1810	126	E

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	160
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 50 mm

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

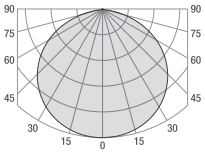
STW160	XX	82V08
1	2	1

1 Codice fisso / *Fixed code* STW160 _ 82V08

2 CCT

2700K	27
3000K	30
4000K	40

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STF1682835

168 LEDs/m

L70-B50 >80.000h @tc=75°C / TM21

24V DC

17.3 W/m

120°

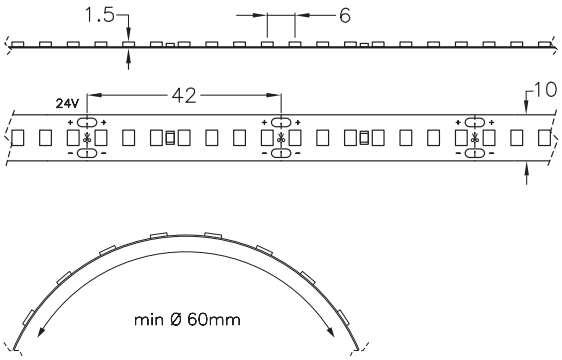
3 SDCM

Flex

IP33

III

5 m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	17.3	0.7	7 LEDs 42 mm

CCT	Power Typ (W)	CRI>80		
		Im Typ	Im/W	Energy efficiency
2700K	17.3	1760	102	A-G F
3000K		1800	104	A-G F
4000K		1820	105	A-G F

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	168
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 42 mm

Approvazioni / *Approvals*

IEC/EN 60598-2-20

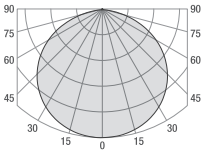
Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

STF1682835	X	.	23B01
①	②		①

① **Codice fisso / *Fixed code***	STF1682835 _ 23B01

② **CCT**	
2700K	H
3000K	W
4000K	N

Curva tipica di distribuzione della luce
Luminous intensity distribution

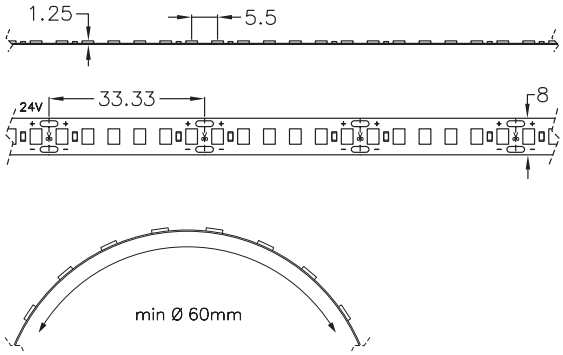


Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SF271
180 LEDs/m

L70-B50 >180.000h @tc=75°C / TM21

24V DC | 25 W/m | 120° | 3 SDCM | Flex | IP20 | III | 150 m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	25	1.04	6 LEDs 33.3 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	25	2900	116	F	2434	97	F
3000K		3010	120	F	2544	102	F
4000K		3174	127	E	2708	108	F
5000K		3228	129	E	2762	110	F

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

Su richiesta è possibile produrre la strip LED con potenze diverse
On request it is possible to produce the LED strip with different powers

RA/CRI	CRI>80, CRI>90
LED type	SAMSUNG® 2835
LEDs/m	180
Dimensions	5000 x 8 mm x h 1.25 mm Taglio / *cut:* = 33.3 mm

Accessori / *Accessories*
Cavi, adesivo / *Cables, adhesive*

Codice ordine standard / *Standard order code*
Con o senza cavi e adesivo / *With or without cables and adhesive*

SF271 ❶ | XXXXX ❷ | . | XV250 ❶ | XX ❸ | LA ❶ | . | YYYYY ❹

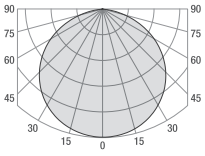
❶ **Codice fisso / *Fixed code*** SF271 _ XV250 _ LA

❷ CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

❸ Varianti standard *Standard variants*	Adesivo / *Adhesive* 3M® NO	300 LSE	55230H
Senza cavi / *Without cables*	XX	XE	XF
Con cavi / *With cables*	AX	AE	AF

❹ **Variante cavo / *Cable variants***
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



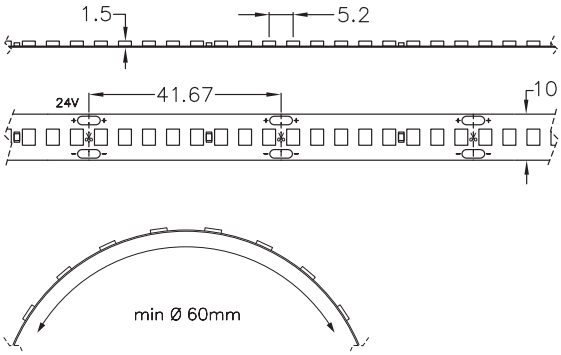
Approvazioni / *Approvals*

CE

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STF192

192 LEDs/m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	17.6	0.7	8 LEDs 41.67 mm

CCT	Power Typ (W)	CRI>80 Im Typ	CRI>80 Im/W	Energy efficiency
2700K	17.6	2260	131	E
3000K		2380	138	E
4000K		2480	143	E

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

RA/CRI	CRI>80
LED type	SMD 2835
LEDs/m	168
Dimensions	5000 x 8 mm x h 1.5 mm Taglio / *cut:* = 41.67 mm

Approvazioni / *Approvals*

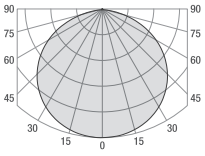
Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

STF192	XX	82V10
1	2	1

1 **Codice fisso / *Fixed code***	STF192 _ 82V10

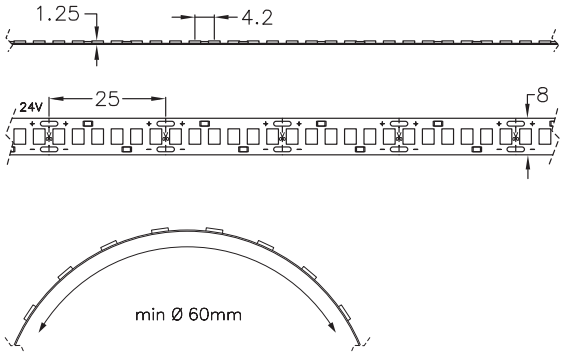
2 **CCT**	
2700K	27
3000K	30
4000K	40

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SF272
240 LEDs/m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	25	1.04	6 LEDs 25 mm

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	25	2828	113	F	2472	99	F
3000K		2934	117	F	2584	103	F
4000K		3094	124	E	2750	110	F
5000K		3148	116	E	2806	112	F

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

Su richiesta è possibile produrre la strip LED con potenze diverse
On request it is possible to produce the LED strip with different powers

RA/CRI	CRI>80, CRI>90
LED type	SAMSUNG® 2835
LEDs/m	240
Dimensions	5000 x 8 mm x h 1.25 mm Taglio / *cut:* = 25 mm

Accessori / *Accessories*
Cavi, adesivo / *Cables, adhesive*

Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

SF272	XXXXX	.	XV250	XX	LA	.	YYYYY
1	2		1	3	1		4

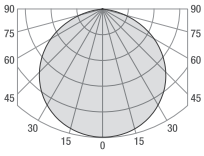
1 Codice fisso / *Fixed code* SF272 _ XV250 _ LA

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

3 Varianti standard *Standard variants*	Adesivo / *Adhesive* 3M® NO	300 LSE	55230H
Senza cavi / *Without cables*	XX	XE	XF
Con cavi / *With cables*	AX	AE	AF

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



Approvazioni / *Approvals*

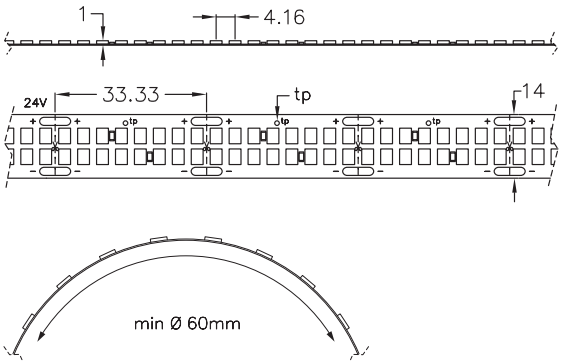
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SF362

480 LEDs/m

L70-B50 >180.000h @tc=75°C / TM21

24V DC | 29 W/m | 120° | 3 SDCM | Flex | IP20 | 150 m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	29	1.21	16 LEDs 33.33 mm

CCT	Power Typ (W)	CRI>80 lm Typ	CRI>80 lm/W	CRI>80 Energy efficiency	CRI>90 lm Typ	CRI>90 lm/W	CRI>90 Energy efficiency
2700K	29	4100	141	E	3876	134	E
3000K		4456	154	D	4050	140	E
4000K		4700	162	D	4312	149	D
5000K		4780	165	D	4400	152	D

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

Su richiesta è possibile produrre la strip LED con potenze diverse
On request it is possible to produce the LED strip with different powers

RA/CRI	CRI>80, CRI>90
LED type	SAMSUNG® 2835
LEDs/m	480
Dimensions	5000 x 14 mm x h 1 mm Taglio / *cut:* = 33.33 mm

Accessori / *Accessories*
Cavi, adesivo / *Cables, adhesive*

Codice ordine standard / *Standard order code*
Con cavi e adesivo / *With cables and adhesive*

SF362	XXXXX	.	XV290	XX	LA	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* SF362 _ XV290 _ LA

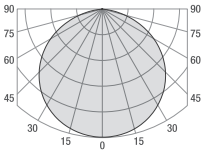
2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

3 Varianti standard *Standard variants*	Adesivo / *Adhesive* 3M® NO	300 LSE
Senza cavi / *Without cables*	XX	XE
Con cavi / *With cables*	AX	AE

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution

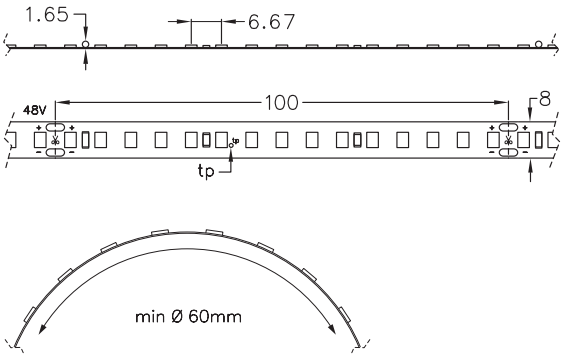


Approvazioni / *Approvals*

CE

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SF352
150 LEDs/m



RA/CRI	CRI>80, CRI>90
LED type	SAMSUNG® 2835
LEDs/m	150
Dimensions	5000 x 8 mm x h 1.25 mm Taglio / *cut:* = 100 mm

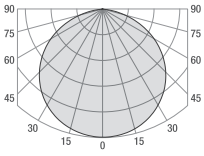
Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
48	30	0.62	15 LEDs 100 mm

CCT	Power Typ (W)	CRI>80			CRI>90		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2700K	30	4118	137	E	3458	115	F
3000K		4274	142	E	3608	120	E
4000K		4506	150	D	3846	128	E
5000K		4584	153	D	3924	131	E

La classe di efficienza energetica è riferita ai valori misurati in un settore da 50 cm
The energy efficiency class refers to the values measured in a 50 cm sector

Su richiesta è possibile produrre la strip LED con potenze diverse
On request it is possible to produce the LED strip with different powers

Curva tipica di distribuzione della luce
Luminous intensity distribution



Approvazioni / *Approvals*

CE

Accessori / *Accessories*
Cavi, adesivo / *Cables, adhesive*

Codice ordine standard / *Standard order code*
Con o senza cavi e adesivo / *With or without cables and adhesive*

SF352	XXXXX	.	XV300	XX	LA	.	YYYYY
1	2		1	3	1		4

1 Codice fisso / *Fixed code* SF352 _ XV300 _ LA

2 CCT	**CRI>80**	**CRI>90**
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

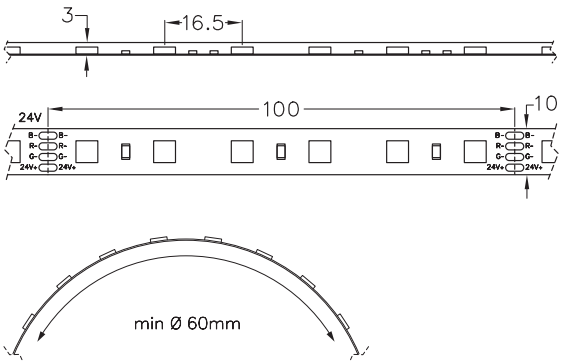
3 Varianti standard *Standard variants*	Adesivo / *Adhesive* 3M® NO	300 LSE	55230H
Senza cavi / *Without cables*	XX	XE	XF
Con cavi / *With cables*	AX	AE	AF

4 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

STW0605050F

60 LEDs/m



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A)	Taglio *Cutting*
24	14.4	0.6 (0.2/ch)	6 LEDs 100 mm

CCT	Power Typ (W)	Im Typ	Im/W
Rosso / *Red*	4.8	120	25
Verde / *Green*	4.8	140	29
Blu / *Blue*	4.8	150	31
Bianco (R+G+B) *White (R+G+B)*	14.4	410	28

RA/CRI	**R:** 620~630 nm **G:** 520~530 nm **B:** 460~465 nm
LED type	SMD 5050
LEDs/m	60
Dimensions	5000 x 10 mm x h 2 mm Taglio / *cut:* 100 mm

Approvazioni / *Approvals*

IEC/EN 60598-2-20

Codice ordine standard / *Standard order code*

Con cavi e adesivo / *With cables and adhesive*

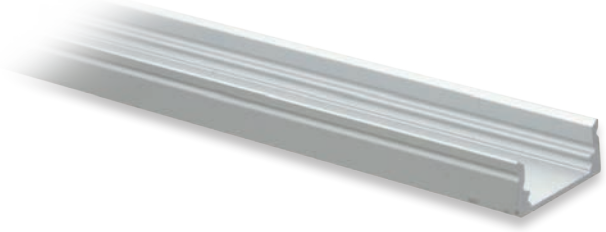
STFW0605050F (1)	.	23B01 (1)

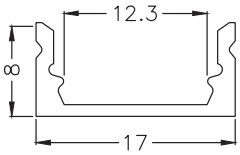
(1) **Codice fisso / *Fixed code*** STW0605050F.23B01

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

PRA01E

Profilo in alluminio | *Aluminium profiles*

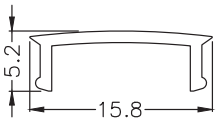




Codice / *Code*	Lunghezza / *Lenght*	Finitura / *Finishing*
PRA01E.2000.005	200 cm	Satinato / *Satin silver*

PRP001

Diffusore in PMMA | *PMMA diffuser*



Codice / *Code*	Inserimento *Insertion*	Lunghezza *Lenght*	Finitura *Finishing*
PRP001.2000.10	Pressione *Push-in*	200 cm	Trasparente / *Transparent*
PRP001.2000.11			Satinato / *Frosted*
PRP001.2000.12			Opale / *Opal*

PIA003

Tappo di chiusura | *Closing cap*

Codice / *Code*	Foro uscita cavi / *Cable exit hole*
PIA003.03	2.5 x 4.5 mm
PIA003.04	/

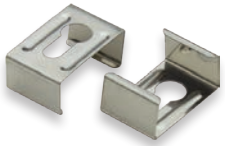
RAC005.00

Raccordo angolare | *Angular connection*

Codice / *Code*	Foro per viti / *Hole for screws*
RAC005.00	Ø 3.5 mm

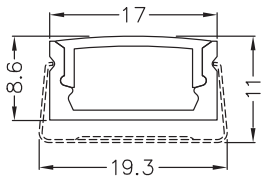
MOL051.00

Molla di fissaggio | *Fixing spring*



Codice / *Code*	Materiale / *Material*	Foro per viti / *Hole for screws*
MOL051.00	Metallo / *Metal*	Ø 5 mm / (5 x 11 mm)

Esempio assemblato / Assembled example

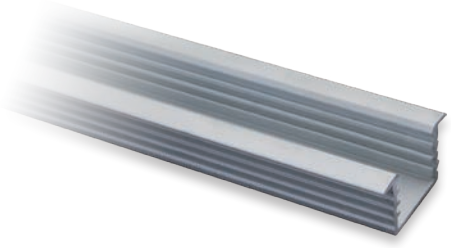


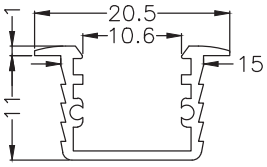
Profilo / *Profile*	PRA01E
Diffusore in PMMA / *PMMA diffuser*	PRP001
Tappo di chiusura / *Closing cap*	PIA003
Raccordo angolare / *Angular connection*	RAC005.00
Molla di fissaggio / *Fixing spring*	MOL051.00

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

PRA02E

Profilo in alluminio | *Aluminium profiles*

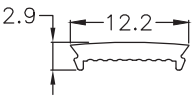




Codice / *Code*	Lunghezza / *Lenght*	Finitura / *Finishing*
PRA02E.2000.005	200 cm	Satinato / *Satin silver*

PRP003

Diffusore in PMMA | *PMMA diffuser*



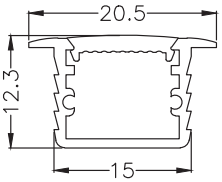
Codice / *Code*	Inserimento *Insertion*	Lunghezza *Lenght*	Finitura / *Finishing*
PRP003.2000.00	Pressione *Push-in*	200 cm	Trasparente / *Transparent*
PRP003.2000.01			Satinato / *Frosted*
PRP003.2000.02			Opale / *Opal*

PIA004

Tappo di chiusura | *Closing cap*

Codice / *Code*	Foro uscita cavi / *Cable exit hole*
PIA004.00	3.5 x 5.5 mm
PIA004.01	/

Esempio assemblato / Assembled example

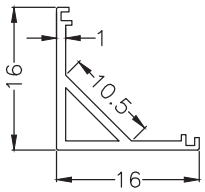


Profilo / *Profile*	PRA02E
Diffusore in PMMA / *PMMA diffuser*	PRP003
Tappo di chiusura / *Closing cap*	PIA003
Raccordo angolare / *Angular connection*	/
Molla di fissaggio / *Fixing spring*	/

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

PRA04X

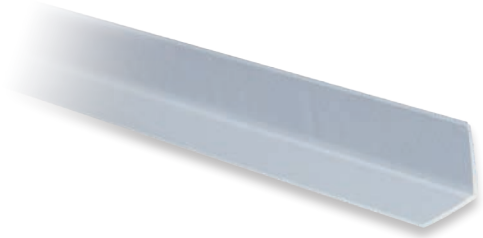
Profilo in alluminio | *Aluminium profiles*

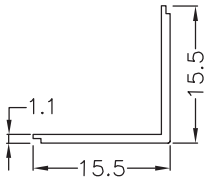


Codice / *Code*	Lunghezza / *Lenght*	Finitura / *Finishing*
PRA04X.2000.005	200 cm	Satinato / *Satin silver*

PRP004

Diffusore in PMMA | *PMMA diffuser*

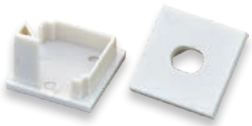




Codice / *Code*	Inserimento *Insertion*	Lunghezza *Lenght*	Finitura / *Finishing*
PRP004.2000.00	Pressione *Push-in*	200 cm	Satinato / *Frosted*
PRP004.2000.02			Opale / *Opal*

PIA005

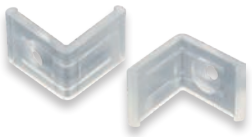
Tappo di chiusura | *Closing cap*



Codice / *Code*	Foro uscita cavi / *Cable exit hole*
PIA005.00	/
PIA005.01	4 x 6 mm

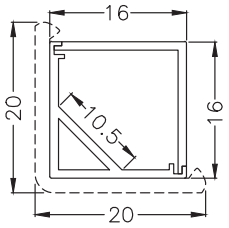
MOL052

Molla di fissaggio | *Fixing spring*



Codice / *Code*	Materiale *Material*	Fissaggio *Fixing*	Foro per viti *Hole for screws*
MOL052.00	PC trasparente *Transparent PC*	Vite *Screw*	Ø 3.8 mm

Esempio assemblato / Assembled example

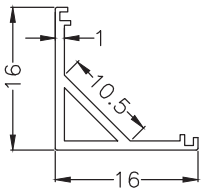


Profilo / *Profile*	PRA04X
Diffusore in PMMA / *PMMA diffuser*	PRP004
Tappo di chiusura / *Closing cap*	PIA005
Raccordo angolare / *Angular connection*	/
Molla di fissaggio / *Fixing spring*	MOL052

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

PRA08X

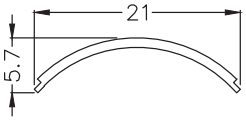
Profilo in alluminio | *Aluminium profiles*



Codice / *Code*	Lunghezza / *Lenght*	Finitura / *Finishing*
PRA08X.2000.005	200 cm	Satinato / *Satin silver*

PRP008

Diffusore in PMMA | *PMMA diffuser*



Codice / *Code*	Inserimento *Insertion*	Lunghezza *Lenght*	Finitura / *Finishing*
PRP008.2000.01	Pressione *Push-in*	200 cm	Satinato / *Frosted*
PRP008.2000.02			Opale / *Opal*

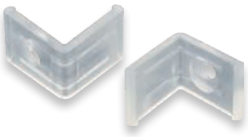
PIA008

Tappo di chiusura | *Closing cap*

Codice / *Code*	Foro uscita cavi / *Cable exit hole*
PIA008.00	/
PIA008.01	4.2 x 3 mm

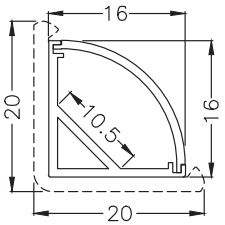
MOL052

Molla di fissaggio | *Fixing spring*



Codice / *Code*	Materiale *Material*	Fissaggio *Fixing*	Foro per viti *Hole for screws*
MOL052.00	PC trasparente *Transparent PC*	Vite *Screw*	Ø 3.8 mm

Esempio assemblato / Assembled example

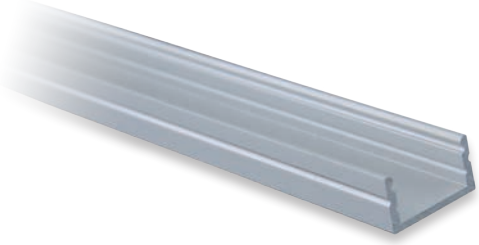


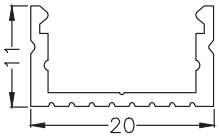
Profilo / *Profile*	PRA08X
Diffusore in PMMA / *PMMA diffuser*	PRP008
Tappo di chiusura / *Closing cap*	PIA008
Raccordo angolare / *Angular connection*	/
Molla di fissaggio / *Fixing spring*	MOL052

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

PRA10X

Profilo in alluminio | *Aluminium profiles*

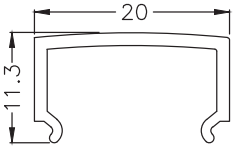




Codice / *Code*	Lunghezza / *Lenght*	Finitura / *Finishing*
PRA10X.2000.005	200 cm	Satinato / *Satin silver*

PRP010

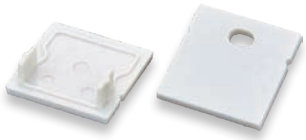
Diffusore in PMMA | *PMMA diffuser*



Codice / *Code*	Inserimento *Insertion*	Lunghezza *Lenght*	Finitura *Finishing*
PRP010.2000.00	Pressione *Push-in*	200 cm	Trasparente / *Transparent*
PRP010.2000.01			Satinato / *Frosted*
PRP010.2000.02			Opale / *Opal*

PIA011

Tappo di chiusura | *Closing cap*



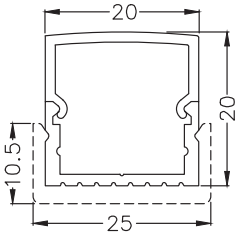
Codice / *Code*	Foro uscita cavi / *Cable exit hole*
PIA011.00	/
PIA011.01	3 x 4.3 mm

MOL053

Molla di fissaggio | *Fixing spring*

Codice / *Code*	Materiale *Material*	Fissaggio *Fixing*	Foro per viti *Hole for screws*
MOL053.00	PC trasparente *Transparent PC*	Vite *Screw*	Ø 3.6 mm

Esempio assemblato / Assembled example

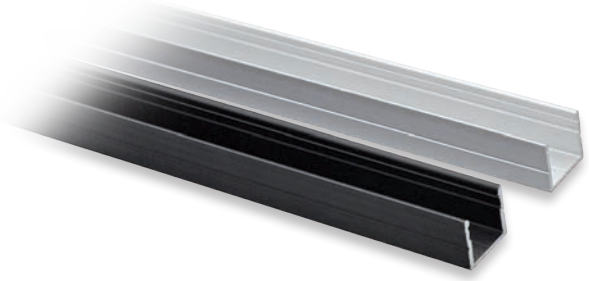


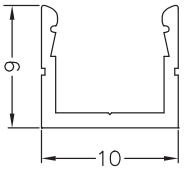
Profilo / *Profile*	PRA10X
Diffusore in PMMA / *PMMA diffuser*	PRP010
Tappo di chiusura / *Closing cap*	PIA011
Raccordo angolare / *Angular connection*	/
Molla di fissaggio / *Fixing spring*	MOL053

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

PRA17X

Profilo in alluminio | *Aluminium profiles*

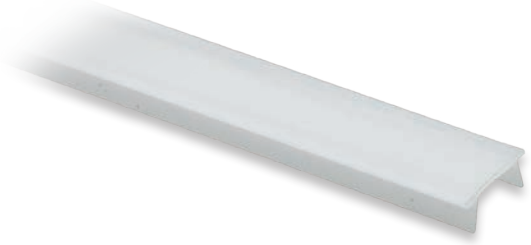


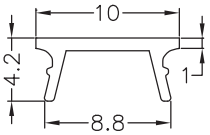


Codice / *Code*	Lunghezza / *Lenght*	Finitura / *Finishing*
PRA17X.2000.002	200 cm	Anodizzato nero / *Black anodized*
PRA17X.2000.005		Anodizzato / *Anodized*

PRP017

Diffusore in PMMA | *PMMA diffuser*





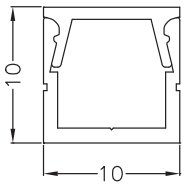
Codice / *Code*	Inserimento *Insertion*	Lunghezza *Lenght*	Finitura *Finishing*
PRP017.2000.02	Pressione *Push-in*	200 cm	Opale / *Opal*

PIA017

Tappo di chiusura | *Closing cap*

Codice / *Code*	Foro uscita cavi / *Cable exit hole*
PIA017.00	/
PIA017.01	SI / *YES*

Esempio assemblato / Assembled example



Profilo / *Profile*	PRA17X
Diffusore in PMMA / *PMMA diffuser*	PRP017
Tappo di chiusura / *Closing cap*	PIA017
Raccordo angolare / *Angular connection*	/
Molla di fissaggio / *Fixing spring*	/

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Tubi LED flessibili in silicone
Silicone flexible LED tubes

Legenda	***Legend***	
Tensione costante 24Vdc / *24Vdc constant voltage*		
Angolo fascio luminoso / *Beam angle*		
Dimmerabile / *Dimmable*		
Flessibile / *Flexible*		
Linkabile / *Linkable*		
Divisibile / *Divisible*		
Solo per applicazioni interne / *Only for indoor applications*		
Grado di protezione IP54 / *IP54 international protection*		
Grado di protezione IP65 / *IP65 international protection*		
Classe di isolamento III / *Class insulation III*		
Ordine minimo / *Minimum order*		

Tubi LED flessibili in silicone / *Silicone flexible LED tubes*	
Tubi LED flessibili 24Vdc / *24Vdc flexible LED tubes*	225 › 231
Mini strip 24Vdc	232

Alimentatore | ***Power supply unit***

Se non diversamente indicato, i tubi LED non sono protetti da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Utilizzare esclusivamente alimentatori in classe II dotati di tali protezioni.

Unless otherwise indicated, LED tubes are not protected against overvoltage, overcurrent, overload or short-circuits. Use only class II power supplies equipped with these protections.

Tmax - Temperatura d'esercizio | ***Working temperature***

Da verificare sull'applicazione finale misurata sul t_c / t_p sul tubo LED (se presente) o nel punto più vicino al LED.

To be tested on final application measured at LED tube t_c / t_p (if present) or at the nearest point to the LED.

Dissipazione | ***Dissipation***

I tubi LED sono auto dissipati.

LED tubes are self dissipated.

Tolleranze | ***Tolerances***

Valori elettrici / *Electrical values* (@25°): ±10%

Dimensionali / *Dimensional:* ±0.15mm

Varianti e accessori | ***Variants and accessories***

Da definire in fase d'ordine / *To be chosen when ordering.*

Taglio | ***Cutting***

Attenzione: per non creare zone d'ombra consigliamo di tagliare il tubo LED solo se dotati della specifica attrezzatura da taglio. Lunghezze specifiche a richiesta da definire in fase d'ordine.

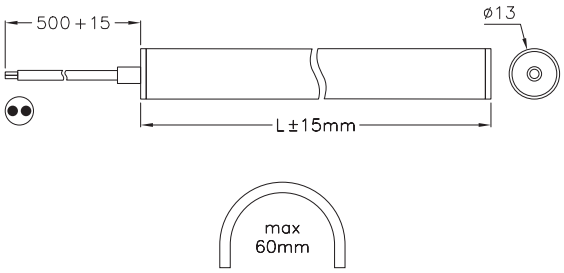
Warning: *to avoid creating shadow zones, we recommend that you only cut the LED tube if you have the specific cutting equipment. Specific lengths on request to be chosen when ordering.*

Note | ***Notes***

I tubi LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare i tubi LED e/o apportare modifiche agli stessi ed evitare di collegarli ad un alimentatore sotto tensione. Non accendere i tubi LED quando sono ancora nell'imballo. Sorgenti luminose non sostituibili dall'utente.

LED tubes contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED tubes and/or not to modify them. Avoid connecting LED tubes to a powered supply unit. Do not turn on the LED tubes when it is still in the packaging. Non-user replaceable light sources.

NNR13



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	8.6	0.36	25 mm

CCT	Power Typ (W)	CRI>90	
		Im Typ	Im/W
2300K	8.6	585	68
2700K		670	80
3000K		670	80
4300K		670	80

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x Ø 13 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*

Con cavo, senza accessori / *With cable, without accessories*

NNR13	XXXXX	.	24	.	086	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NNR13 _ 24.086 _ XXXXXX

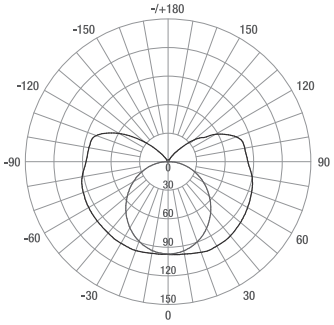
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
4300K	43903

❸ **Variante cavo e paking / *Cable and paking variants***

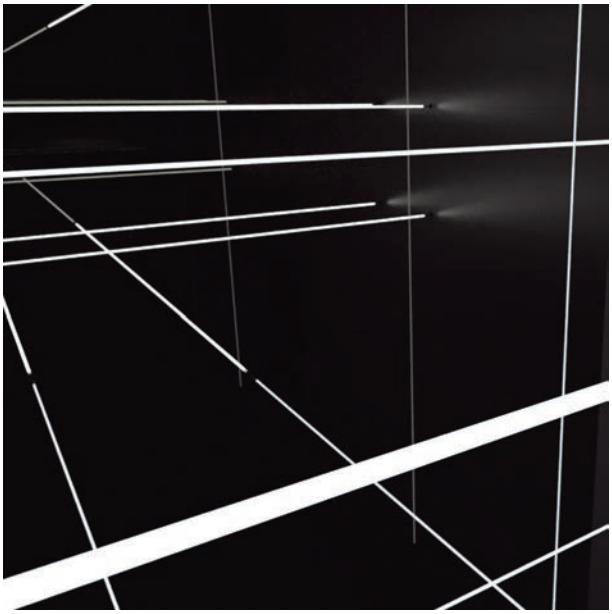
Da definire in fase d'ordine / *To be chosen when ordering*

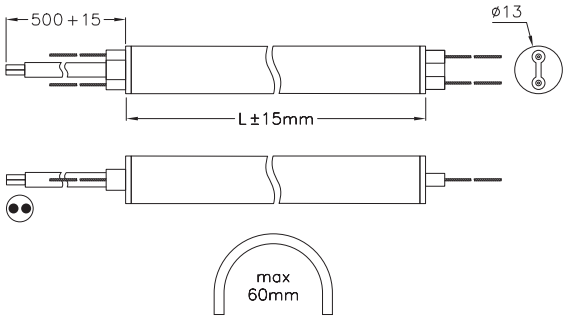
Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NNR13S





Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	13	0.54	25 mm

CCT	Power Typ (W)	CRI>90	
		lm Typ	lm/W
2300K	13	585	45
2700K		675	52
3000K		700	54
4300K		700	54

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x Ø 13 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*

Con cavo, senza accessori / *With cable, without accessories*

NNR13S	XXXXX	.	24	.	130	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NNR13S _ 24.130 _ XXXXXX

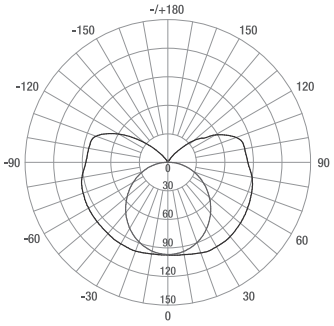
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
4300K	43903

❸ **Variante cavo e paking / *Cable and paking variants***

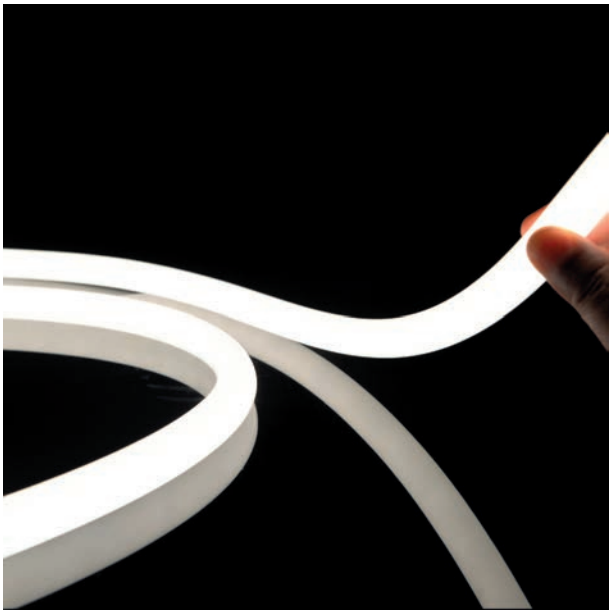
Da definire in fase d'ordine / *To be chosen when ordering*

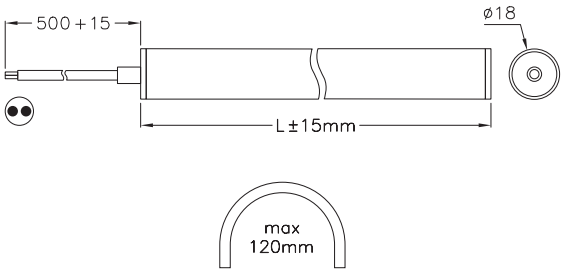
Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NNR18





Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	14.4	0.6	Arbitrary

CCT	Power Typ (W)	CRI>90	
		Im Typ	Im/W
2300K	14.4	700	49
2700K		700	49
3000K		800	56
4000K		800	56

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x Ø 18 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*

Con cavo, senza accessori / *With cable, without accessories*

NNR18	XXXXX	.	24	.	144	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NNR18 _ 24.144 _ XXXXXX

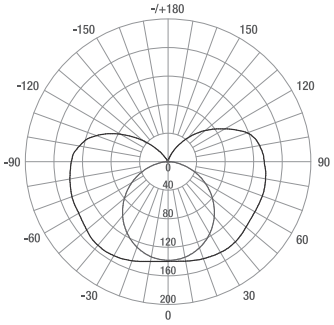
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
4000K	40903

❸ **Variante cavo e paking / *Cable and paking variants***

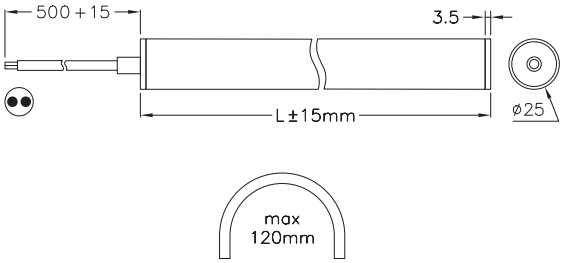
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NNR25



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	14.4	0.6	11.97 mm

CCT	Power Typ (W)	CRI>90	
		lm Typ	lm/W
2300K	14.4	750	52
2700K		950	66
3000K		950	66
3500K		950	66
4000K		950	66

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x Ø 25 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Approvazioni / *Approvals*

c UL us LISTED E498657 · RoHS · Reach · CE · UK CA · CB

Codice ordine standard / *Standard order code*

Con cavo, senza accessori / *With cable, without accessories*

NNR25	XXXXX	.	24	.	144	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NNR25 _ 24.144 _ XXXXXX

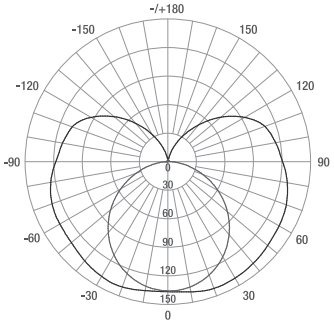
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
3500K	35903
4000K	40903

❸ **Variante cavo e paking / *Cable and paking variants***

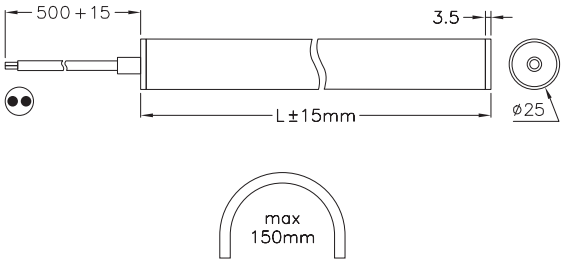
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NNR25P



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	20	0.83	29.4 mm

CCT	Power Typ (W)	CRI>90	
		lm Typ	lm/W
2300K	20	920	46
2700K		1100	55
3000K		1180	59
4000K		1140	57

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x Ø 25 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Con **anima interna in alluminio** che consente al tubo di mantenere la forma impressa manualmente.
*With **aluminium inner core** that allows the tube to keep the shape manually impressed.*

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*
Con cavo, senza accessori / *With cable, without accessories*

NNR25P	XXXXX	.	24	.	200	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NNR25P _ 24.200 _ XXXXXX

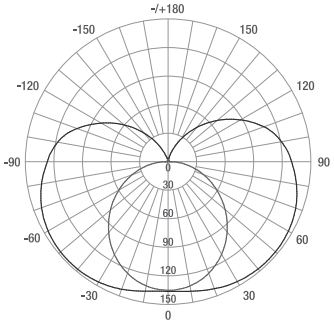
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
4000K	40903

❸ **Variante cavo e paking / *Cable and paking variants***

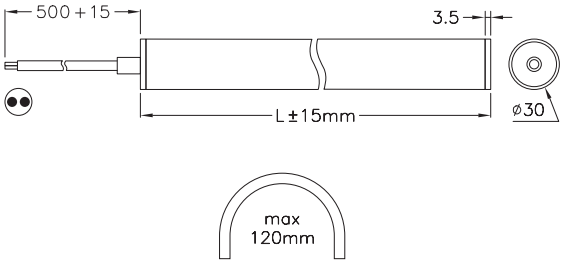
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NNR30



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	14.4	0.6	11.97 mm

CCT	Power Typ (W)	CRI>90	
		lm Typ	lm/W
2300K	14.4	850	59
2700K		950	66
3000K		950	66
4000K		950	66

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x Ø 30 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*

Con cavo, senza accessori / *With cable, without accessories*

NNR30	XXXXX	.	24	.	144	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NNR30 _ 24.144 _ XXXXXX

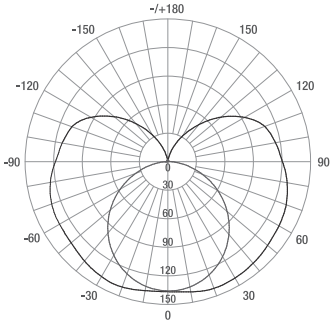
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
4000K	40903

❸ **Variante cavo e paking / *Cable and paking variants***

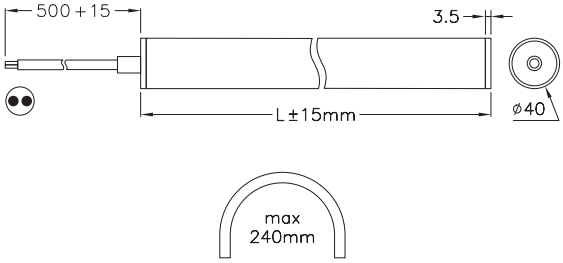
Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NNR40



Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	18	0.75	50 mm

CCT	Power Typ (W)	CRI>90	
		lm Typ	lm/W
2300K	18	1890	105
2700K		2050	114
3000K		2090	116
4200K		2105	117

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x Ø 40 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Approvazioni / *Approvals*

Codice ordine standard / *Standard order code*

Con cavo, senza accessori / *With cable, without accessories*

NNR40	XXXXX	.	24	.	180	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NNR40 _ 24.180 _ XXXXXX

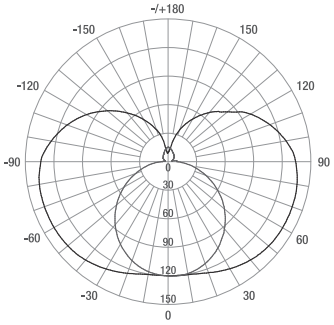
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
4200K	42903

❸ **Variante cavo e paking / *Cable and paking variants***

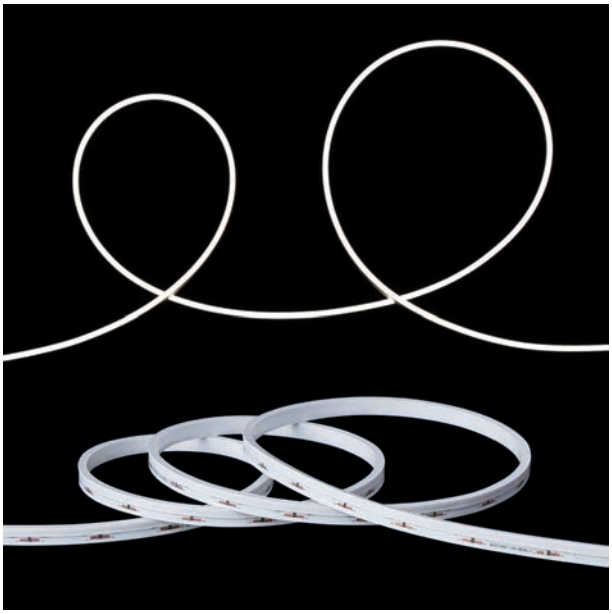
Da definire in fase d'ordine / *To be chosen when ordering*

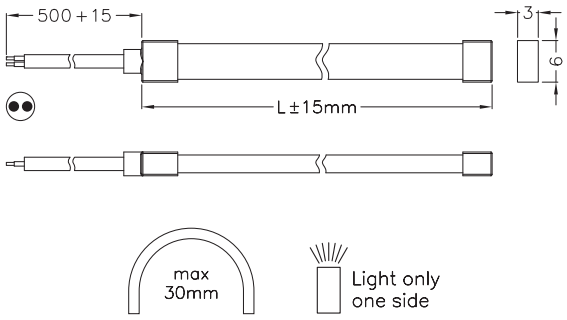
Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NMS0306





Vdc Input (V)	Power Typ (W)	Corrente / *Current* (A/m)	Taglio *Cutting*
24	7.2	0.75	35.7 mm

CCT	Power Typ (W)	CRI>90	
		lm Typ	lm/W
2300K	7.2	170	24
2700K		215	30
3000K		235	33
4000K		260	36
2300K + 4000K		215	30

RA/CRI	CRI>90
LED type	SMD 2835
Dimensions	5000 x 6 x 3 mm
Cutting	Vedi note a inizio capitolo *See notes at the beginning of the chapter*

Approvazioni / *Approvals*

c UL us LISTED E498657 · RoHS · Reach · CE · UK CA · CB

Codice ordine standard / *Standard order code*

Con cavo, senza accessori / *With cable, without accessories*

NMS036	XXXXX	.	24	.	072	.	XXXXXX
❶	❷		❶		❶		❸

❶ **Codice fisso / *Fixed code*** NMS036 _ 24.072 _ XXXXXX

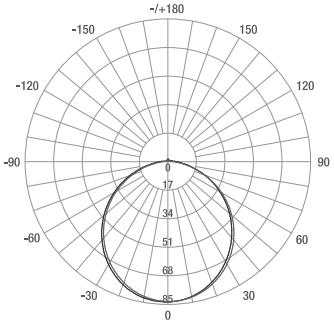
❷ **CCT**

2300K	23903
2700K	27903
3000K	30903
4000K	40903
2300K + 4000K	M1903

❸ **Variante cavo e paking / *Cable and paking variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Elettronica di controllo
Control electronics

Legenda | ***Legend***	
Ingresso tensione costante / *Constant voltage input*	CV in
Uscita tensione costante / *Constant voltage output*	CV out
Uscita corrente costante / *Constant current output*	CC out
Tensione di rete 110~120Vac / *110~120Vac main voltage*	110
Tensione di rete 220~240Vac / *220~240Vac main voltage*	220
Per controller RGB / *For RGB controller*	RGB
Grado di protezione IP20 / *IP20 international protection*	IP20
Dimmerabile / *Dimmable*	
Sensore Touch / *Touch sensor*	
Pulsante meccanico / *Push button*	
Dimmer da pavimento / *Foot dimmer*	
Sensore PIR / *PIR sensor*	
Sensore IR / *IR sensor*	IR
Sensore a molla / *Spring sensor*	
Telecomando RF / *RF remote control*	RF
USB Type-C	USB-C
USB Type-A	USB-A
DC-plug	DC Plug
Carica cellulare / *Mobile phone charging*	
Ordine minimo / *Minimum order*	1

Elettronica di controllo / *Control electronics*	
Controller in tensione costante / *Constant voltage controller*	**235 › 237**
Sensori e dimmer / *Sensors and dimmers*	**238 › 257**

Alimentatore o Driver | *Power supply unit or Driver*

Se non diversamente indicato, le elettroniche di controllo non sono protette da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Per un buon funzionamento, assicurarsi che l'alimentatore o il driver utilizzato abbia tali protezioni.

Unless otherwise specified, control electronics are not protected against overvoltage, overcurrent, overload or short-circuits. For proper operation, check power supply unit/driver has such protections.

Tmax - Temperatura d'esercizio | *Working temperature*

Da verificare sull'applicazione finale misurata sul t_c indicato nel disegno tecnico.

To be tested on final application measured at the circuit t_c shown in the technical drawings.

Tolleranze | *Tolerances*

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Spessore PCB / *PCB thickness:* ±10%
Ø fori / *hole Ø:* ±0.1mm

Varianti e accessori | *Variants and accessories*

Da definire in fase d'ordine / *To be chosen when ordering*

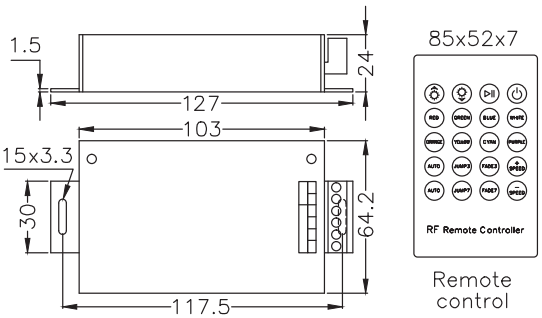
Note | *Notes*

Le elettroniche di controllo contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiate solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiarle e/o apportare modifiche alle stesse ed evitare di collegarle ad un alimentatore o driver sotto tensione.

Control electronics contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage control electronics and/or not to modify them. Avoid connecting control electronics to a powered supply unit or driver.

CTF001.00

RGB controller con uscita in tensione costante
RGB controller with constant voltage output



Per strip LED e schede LED RGB, con telecomando RF.
Funzioni disponibili:
- ON-OFF;
- Selezione e regolazione intensità luminosa dei singoli colori preimpostati;
- Rotazione colori e giochi preimpostati con regolazione di velocità;
- Memoria ultima funzione eseguita.

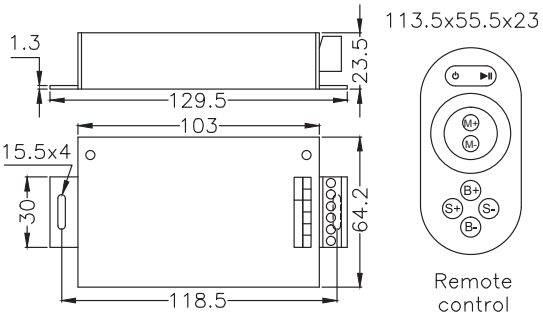
For RGB LED strip and RGB LED board, with RF remote control.
Available functions:
- *ON-OFF;*
- *Programmed colour selection and light intensity control;*
- *Colour rotation and programmed colours with speed adjustment;*
- *Memory of the last function performed.*

Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTF002.01

RGB controller con uscita in tensione costante
RGB controller with constant voltage output



Per strip LED e schede LED RGB, telecomando RF con funzione sensor, sfiorando la ghiera cromatica si possono cambiare le tonalità di colore. Il controller mantiene in memoria l'ultima funzione eseguita.
Funzioni disponibili:
- ON/OFF;
- Selezione colori e regolazione intensità luminosa;
- Funzione risparmio batterie telecomando quando non usato.

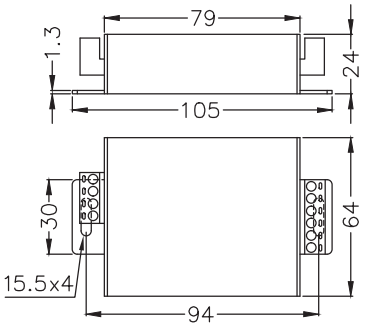
For RGB LED strips and RGB LED boards. RF remote control with sensor: by touching the suitable dial you can change colours. Memory of the last function performed.
Available functions:
- *ON/OFF;*
- *Colour selection and light intensity control;*
- *Battery energy saving on the remote control when not used.*

Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTA001.00

Amplificatore di segnale per RGB controller
Amplifier for RGB controller



Per strip LED e schede LED RGB e singolo colore.
Abbinabile a controller **CTF001.00** e **CTF002.01**.

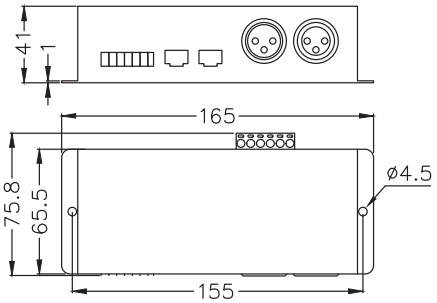
For RGB or single colour LED strip and RGB LED board.
*Combinable with **CTF001.00** and **CTF002.01** controller.*

Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DMX001.00

RGB Controller DMX 512 con uscita in tensione costante
RGB DMX 512 controller with constant voltage output



Controller con modalità stand-alone o abbinabile a consolle DMX.
In modalità stand-alone è possibile gestire le uscite dip-switch.
Per strip LED e schede LED RGB in tensione costante; se abbinato al driver DC/DC codice DRFxxx è possibile gestire schede LED RGB in corrente costante.
Possibilità di impostare l'indirizzo DMX, e giochi di colori preimpostati.

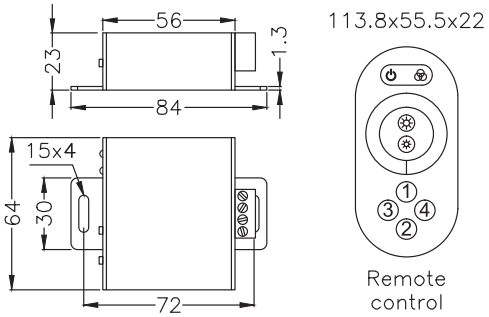
Controller with stand-alone mode or combinable with DMX console.
In stand-alone mode it is possible to manage the dip-switch outputs.
For constant voltage RGB LED strips and RGB LED boards; if combined with the DC / DC driver code DRFxxx it is possible to manage constant current RGB LED boards.
Possibility to set the DMX address, and preset color games.

Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT008.01

Control dimmer in tensione costante
Constant voltage control dimmer



Per strip LED e schede LED monocolore, telecomando RF.
Funzioni disponibili:
- ON/OFF;
- Regolazione intensità luminosa sfiorando la ghiera monocromatica o gli appositi tasti;
- Tasti di selezione dell'intensità luminosa preimpostata;
- Tasto di settaggio (match) per abbinare più telecomandi ad un controller;
- Memoria ultima funzione eseguita.

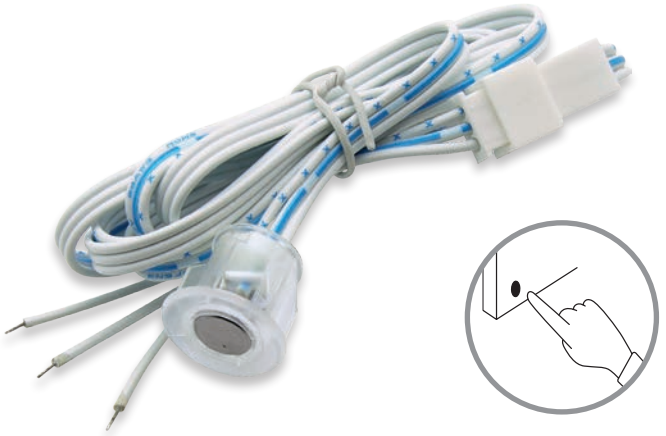
For single colour LED strips and LED boards. RF remote control.
Available functions:
- *ON/OFF;*
- *Brightness control by touching monochrome dial or suitable buttons;*
- *Selection buttons of preset light intensity;*
- *Setting button (match) for operation by one or more remote controls;*
- *Memory of the last function performed.*

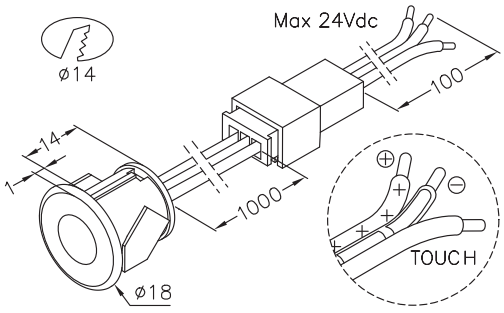
Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	12A x 1ch
Max Load (W)	144W (12V) / 288W (24V)

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

INT003.00

Interruttore touch per dimmer capacitivo
Touch switch for capacitive dimmer





Interruttore touch per dimmer capacitivo.
Con LED blu di indicazione stato integrato, cavo da cm 100 + cm 10 con connettore.

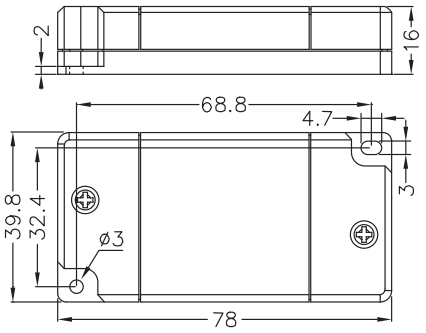
Touch switch for capacitive dimmer.
With integrated blue LED status indictor, 100 cm + 10 cm cable with connector.

Input (Vdc)	3~24V

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT027.00

Dimmer in tensione costante
Constant voltage dimmer



Dimmer in tensione costante con ingresso 12~24Vdc, classe II.
Carico massimo 1ch x 6.25A, range di dimmerazione 0.1-100%.
Permette di utilizzare alimentatori standard, rendendo l'impianto dimmerabile.
In base al tipo di collegamento il dimmer accetta segnale DALI o push (pulsante normalmente aperto), fornendo un segnale di dimmerazione in PWM.
Ad ogni comando il dimmer inverte la direzione di dimmerazione.
Adatto per installazioni interne.

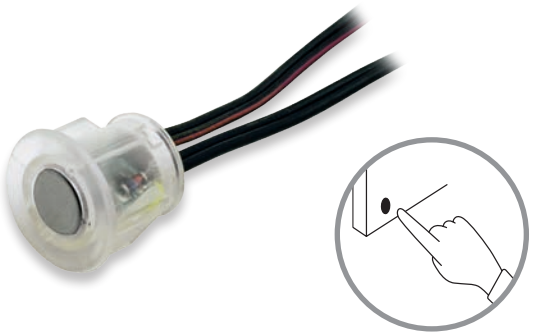
12~24Vdc input constant voltage dimmer, class II.
Max load 1ch x 6.25A, dimming range 0.1-100%.
It allows to use standard power supplies, making the system dimmable.
Depending on the type of connection, the dimmer accepts the DALI or push signal (normally open button), providing a PWM dimming signal.
At each command the dimmer reverses the dimming direction.
Suitable for indoor installations.

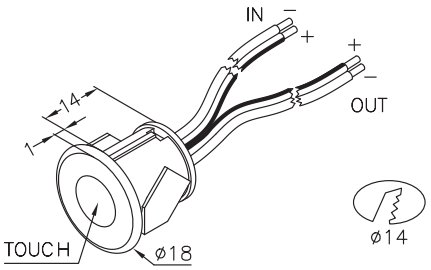
Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	6.25A x 1ch
Max Load (W)	75W (12V) / 150W (24V)

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT002.01

Mini control dimmer in tensione costante
Constant voltage mini control dimmer





Per strip LED e schede LED monocolore.
Fornito con cavi da cm 100.
Sensore touch con LED blu integrato.
Funzioni: interruttore ON-OFF e dimmer 0/100 %.

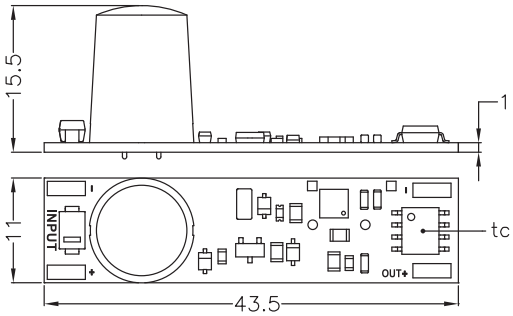
For single-colour LED strips and LED boards.
Supplied with 100-cm-long cables.
Touch sensor with integrated Blue LED.
Functions: ON-OFF switch and 0/100 % dimmer.

Input (Vdc)	12V
Output (Vdc)	12V
Max Load (A)	1A
Max Load (W)	12W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MDT02BP

Elettronica di controllo con sensore di presenza "PIR"
Control electronics with "PIR" motion sensor



Input	Output	Max Load
12-24Vdc	12-24Vdc	5A

PCB	FR4 1 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤3A / *Self dissipated ≤3A*
Dimensions	43.5 x 11 mm x h 15.5 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

MDT02BP . XXXXX
1 2

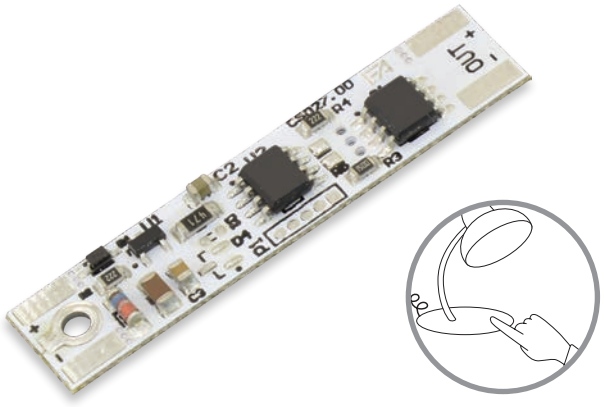
1 **Codice fisso / *Fixed code*** MDT02BP

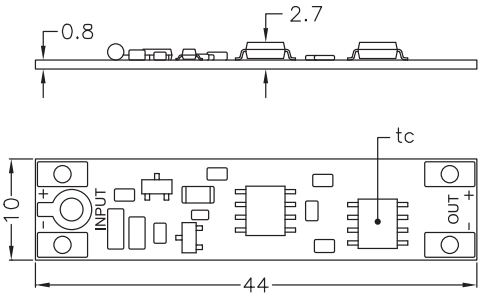
2 **Funzioni** *Functions*	ON		OFF		ON 30"	ON 60"
	Soft	Fast	Soft	Fast		
1400X		✓		✓	✓	
1401X	✓		✓			✓
1402X	✓		✓		✓	
1403X		✓	✓		✓	

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT007

Dimmer capacitivo metal touch
Capacitive metal touch dimmer





Input	Output	Max Load
12-24Vdc	12-24Vdc	5A

PCB	FR4 1 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤3A / *Self dissipated ≤3A*
Dimensions	44 x 10 mm x h 2.7 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CTT007 (1) . XXXXX (2)

(1) **Codice fisso / *Fixed code*** CTT007

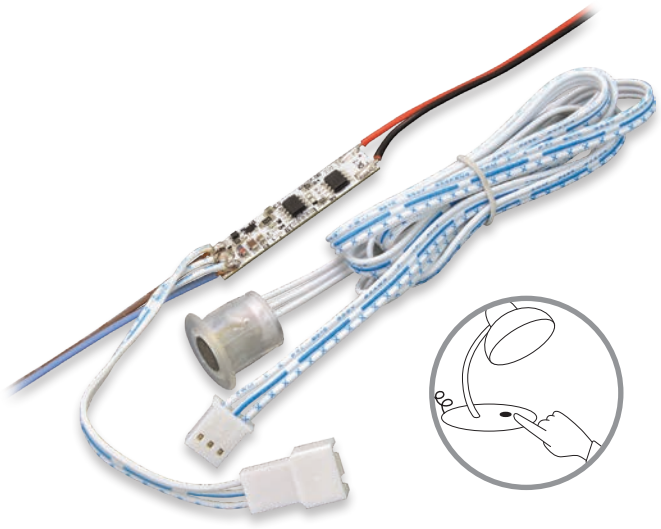
(2) **Funzioni** *Functions*	ON		OFF		Dimmer 5~100%	Dimmer Step	Auto Power OFF	Status Memory	
	Soft	Fast	Soft	Fast				Ⓐ	Ⓑ
0400B	✓		✓			50%			
0401B	✓		✓			3/25/50%			✓
0402B	✓		✓		✓			✓	
0403B		✓		✓					
0404B	✓		✓						
0411B		✓		✓	✓			✓	
0415B		✓		✓		50%			
0416B		✓		✓		50%	>12 h		✓
0417B	✓		✓		✓		>12 h	✓	✓
0420B					✓			✓	✓
0425B		✓		✓		50%			✓
0426B	✓		✓		✓			✓	✓

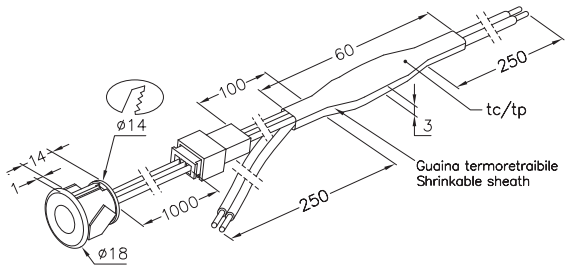
Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT007_W7004

Dimmer capacitivo metal touch + INT003.00
Capacitive metal touch dimmer + INT003.00





Input	Output	Max Load
12-24Vdc	12-24Vdc	5A

Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤3A / *Self dissipated ≤3A*
Dimensions	Vedi disegno tecnico *See technical drawing*

Codice ordine standard / *Standard order code*
Assemblato con con cavi e guaina termoretraibile
Supplied with cables and shrinkable sheath

CTT007	.	XXXXX	.	W7004
❶		❷		❶

❶ **Codice fisso / *Fixed code*** CTT007_W7004

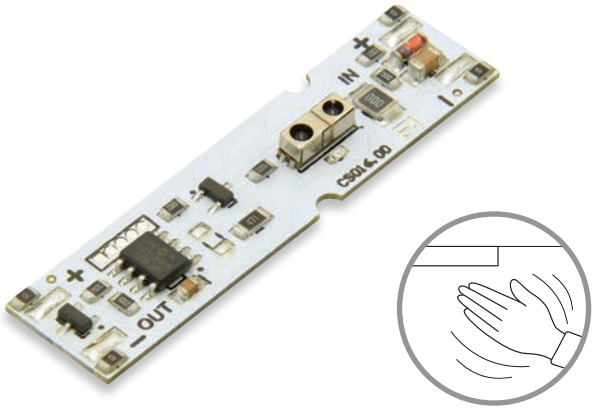
❷ **Funzioni** *Functions*	ON		OFF		Dimmer 5~100%	Dimmer Step	Auto Power OFF	Status Memory	
	Soft	Fast	Soft	Fast				Ⓐ	Ⓑ
0400B	✓		✓			50%			
0401B	✓		✓			3/25/50%			✓
0402B	✓		✓		✓			✓	
0403B		✓		✓					
0404B	✓		✓						
0411B		✓		✓	✓			✓	
0415B		✓		✓		50%			
0416B		✓		✓		50%	>12 h		✓
0417B	✓		✓		✓		>12 h	✓	✓
0420B					✓			✓	✓
0425B		✓		✓		50%			✓
0426B	✓		✓		✓			✓	✓

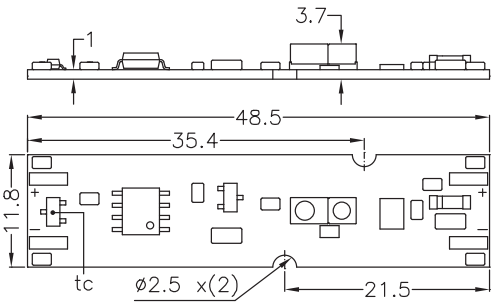
Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT003

Dimmer con sensore IR
Dimmer with IR sensor





Input	Output	Max Load
12-24Vdc	12-24Vdc	2A

PCB	FR4 1 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤2A / *Self dissipated ≤2A*
Dimensions	48.5 x 11.8 mm x h 3.7 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CTT003 . XXXXX
① ②

① **Codice fisso / *Fixed code*** CTT003

② **Funzioni** *Functions*	ON		OFF		Dimmer 5~100%	Status Memory		Inverted logic function
	Soft	Fast	Soft	Fast		Ⓐ	Ⓑ	Ⓒ
0301B	✓		✓		✓	✓		
0302B	✓		✓					
0303B		✓		✓				
0304B	✓		✓					✓
0306B		✓		✓			✓	
0307B		✓		✓	✓	✓		
0309B	✓		✓		✓	✓	✓	

Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*
Ⓒ **Funzione "logica inversa" / *"Inverted logic" function:***
Tensione in uscita (Out) al carico sempre attiva al 100% della Vin; quando il sensore IR rileva una presenza l'uscita (Out) al carico diventa OFF. Questo dispositivo, ad esempio, può essere utilizzato come interruttore per le ante dei mobili.

Output voltage (Out) to the load always active to 100% on Vin; when IR sensor detects movement, the output (Out) turns OFF. This device may be used as a switch for furniture doors.

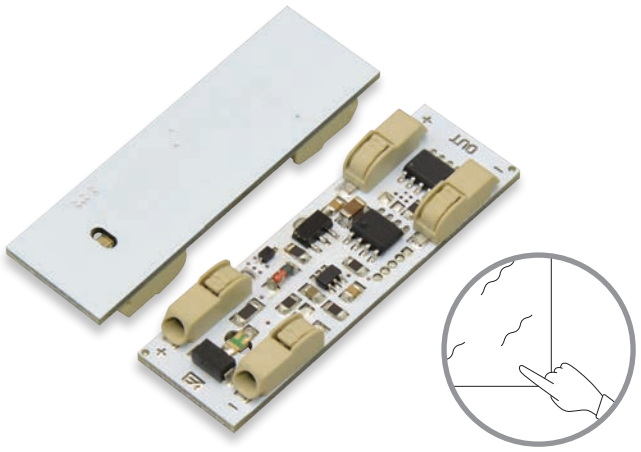
Note / *Notes:*
Il sensore IR è sensibile ai raggi UV, pertanto in fase di installazione prestare attenzione che il sensore non sia sollecitato da tali fonti. In caso contrario il circuito potrebbe non funzionare correttamente e attivarsi autonomamente.

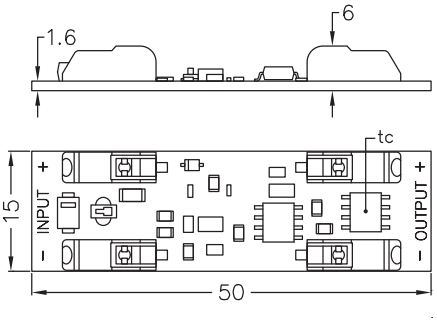
IR sensor is sensitive to UV rays, so during installation make sure that the sensor is not stressed by these sources. Otherwise, the circuit may malfunction and act independently.

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT010

Dimmer touch per vetro
Dimmer with IR sensor





Input	Output	Max Load
12-24Vdc	12-24Vdc	3A

PCB	FR4 1 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤3A / *Self dissipated ≤3A*
Dimensions	50 x 15 mm x h 6 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CTT010 . XXXXX
1 2

1 Codice fisso / *Fixed code* CTT010

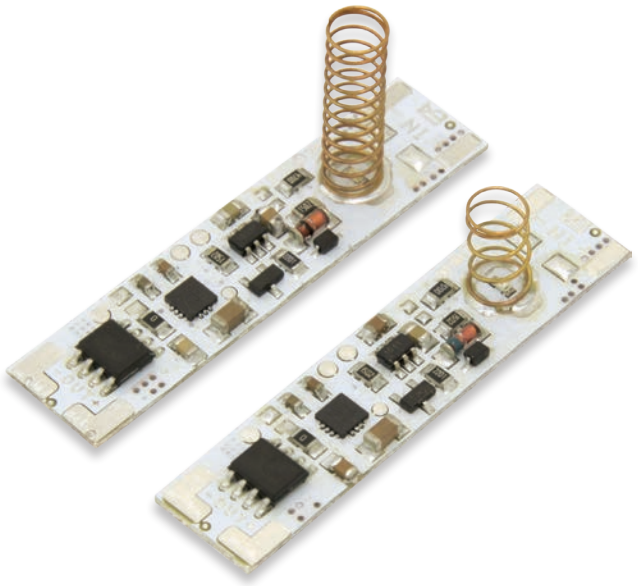
2 Funzioni *Functions*	ON		OFF		Dimmer 5~100%	Dimmer Step	Status Memory	
	Soft	Fast	Soft	Fast			Ⓐ	Ⓑ
0600B		✓		✓	✓		✓	
0601B	✓		✓		✓		✓	
0602B		✓		✓		3/25/50%		
0603B		✓		✓				
0604B	✓		✓					
0605B	✓		✓			3/25/50%		

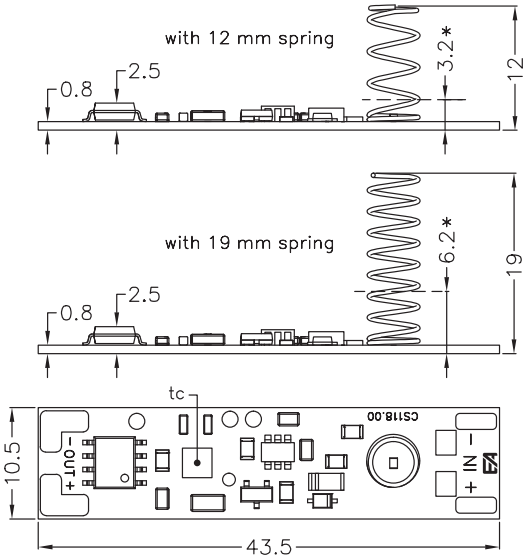
Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT015

Dimmer touch a molla con sensore di prossimità
Proximity dimmer touch with spring





Input	Output	Max Load
12-24Vdc	12-24Vdc	5A

PCB	FR4 1 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤5A / *Self dissipated ≤5A*
Dimensions	43.5 x 10.5 mm - h 2.5 mm (con molla/*with spring:* h 12 mm)

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CTT015 ❶ | XXX ❷ . XXXXX ❸

❶ **Codice fisso / *Fixed code*** CTT015

❷ **Molla / *Spring***

h 12 mm	EBM
h 19 mm	FBM

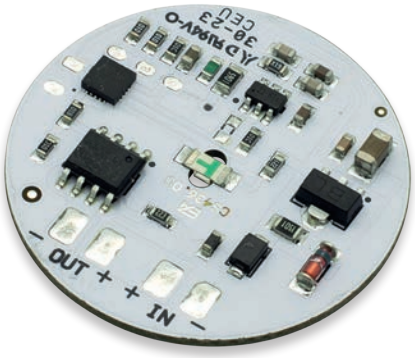
❸ **Funzioni** ***Functions***	ON		OFF		Dimmer 5~100%	Dimmer Step	Auto Power OFF	Status Memory	
	Soft	Fast	Soft	Fast				Ⓐ	Ⓑ
1600B	✓		✓						
1601B	✓		✓		✓			✓	✓
1602B		✓		✓			>12 h		✓
1603B		✓		✓	✓			✓	✓
1607B		✓		✓		5/33/66%	>12 h		✓

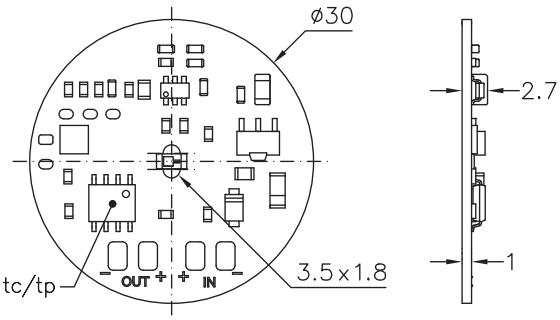
Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTT436

Dimmer touch con sensore di prossimità
Touch dimmer with proximity sensor





Input	Output	Max Load
12-24Vdc	12-24Vdc	3A

PCB	FR4 1 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤3A / *Self dissipated ≤3A*
Dimensions	Ø 30 mm x h 2.7 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

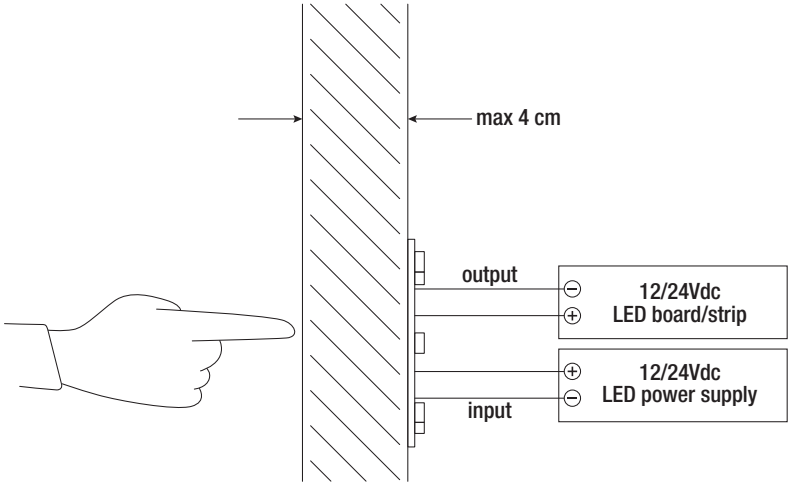
CTT436 . XXXXX
① ②

① **Codice fisso / *Fixed code*** CTT436

② **Funzioni** *Functions*	ON		OFF		Dimmer 5~100%	Dimmer Step	Status Memory	
	Soft	Fast	Soft	Fast			Ⓐ	Ⓑ
6000B	✓		✓		✓			
6001B		✓		✓			✓	✓

Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

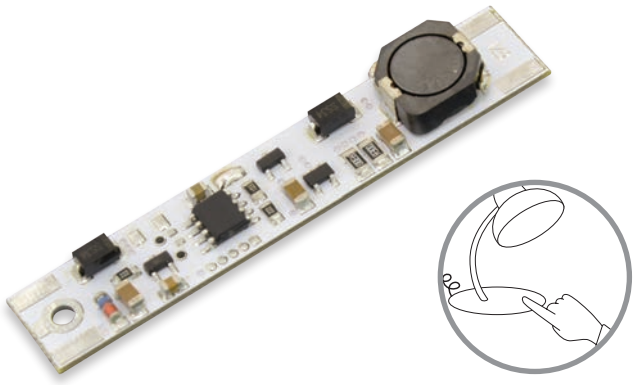
Esempio schema di collegamento
Wiring connection example

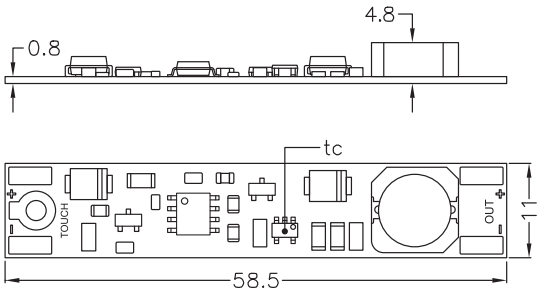


Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTC005

Dimmer capacitivo metal touch
Capacitive metal touch dimmer





Vdc Input (V)	CC Output (mA)	Max Load	
12	350	10.8V	3.8W
24		21.6V	7.6W
12	500	10.8V	5.4W
24		21.6V	10.8W
12	700	10.8V	7.6W
24		21.6V	15W

PCB	FR4 0.8 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Non auto dissipata / *Not self dissipated*
Dimensions	58.5 x 11 mm x h 4.8 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CTC005 . XX XXXX
1 2 3

1 Codice fisso / *Fixed code* CTC005

2 CC Output

350mA	35
500mA	50
700mA	70

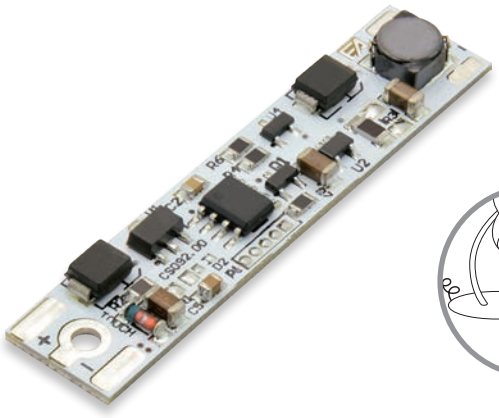
3 Funzioni *Functions*	ON		OFF		Dimmer 5~100%	Status Memory	
	Soft	Fast	Soft	Fast		Ⓐ	Ⓑ
0502	✓		✓		✓	✓	
0505		✓		✓	✓	✓	✓
0510	✓		✓				✓
0516		✓		✓			

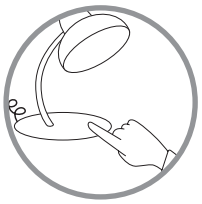
Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

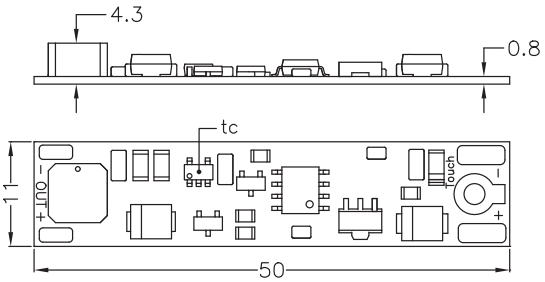
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTC006

Dimmer capacitivo metal touch
Capacitive metal touch dimmer







Vdc Input (V)	CC Output (mA)	Max Load	
12	350	10.8V	3.8W
24		21.6V	7.6W
12	500	10.8V	5.4W
24		21.6V	10.8W

PCB	FR4 0.8 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Non auto dissipata / *Not self dissipated*
Dimensions	50 x 11 mm x h 4.3 mm

Accessori / *Accessories*
Cavi, pad termico / *Cables, thermal pad*

Codice ordine standard / *Standard order code*
Senza cavi, pad termico e altri accessori
Without cables, thermal pad and other accessories

CTC006 . XX XXXX
1 2 3

1 Codice fisso / *Fixed code* CTC006

2 CC Output

350mA	35
500mA	50

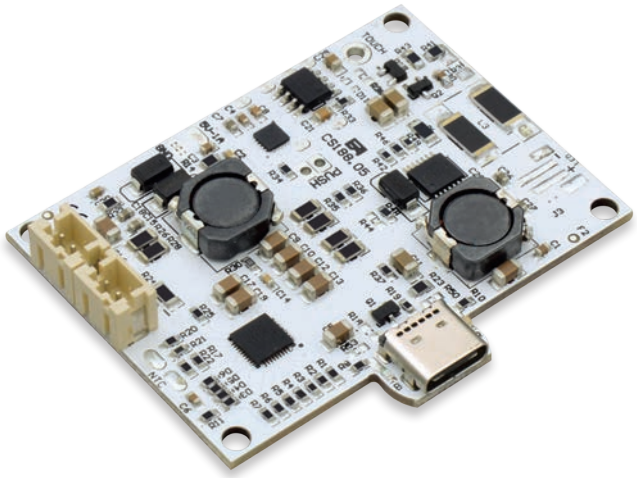
3 Funzioni *Functions*	ON Soft	OFF Soft	Dimmer 5~100%	Dimmer Step	Status Memory Ⓐ	Status Memory Ⓑ
1100	✓	✓				
1101	✓	✓	✓		✓	
1104	✓	✓		50%		✓
1105	✓	✓	✓		✓	✓
1106	✓	✓		25/60%		✓

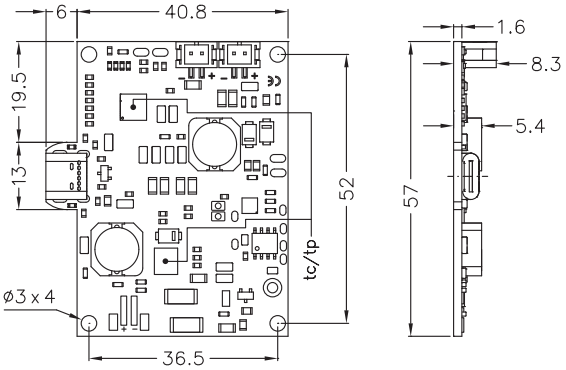
Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTC011A

Scheda elettronica di controllo multifunzione e caricabatteria
Multifunction electronic control board and battery charger





Vdc Input	CC Ouput	Output load V min~max	Output load Power Max (W)
5V	200mA	5~25V	5W
	350mA	5~18V	6.3W
	500mA	5~13V	6.5W

PCB	FR4 1.6 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata / *Self dissipated*
Dimensions	57 x 40.8 mm x h 8.3 mm

Scheda elettronica di controllo con funzione di:
caricabatteria, carica cellulare, dimmer touch, uscita in corrente costante per schede LED

Electronic control board with function of: battery charger, mobile phone charging, touch dimmer, constant current output for LED boards

Accessori / *Accessories*
Cavi, alimentatore, batterie, custodia per batterie, connettore USB-C
Cables, power supply, batteries, battery case, USB-C connector

Codice ordine standard / *Standard order code*
Con o senza connettore USB-C, senza cavi e altri accessori
With or Without USB-C connector, without cables and other accessories

CTC011A **X** . **XXX** . **XXXXX**
1 2 3 4

1 Codice fisso / *Fixed code* — CTC011A

2 Connettore USB-C / *USB-C connector*

Senza connettore / *Without connector*	4
Con connettore / *With connector*	5

3 CC Output

200mA	200
350mA	350
500mA	500

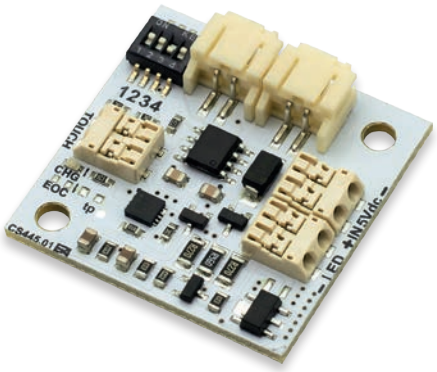
4 Funzioni *Functions*	ON Soft	OFF Soft	Dimmer 5~100%	Status Memory Ⓐ
2700C	✓	✓	✓	✓
2701C	✓	✓		

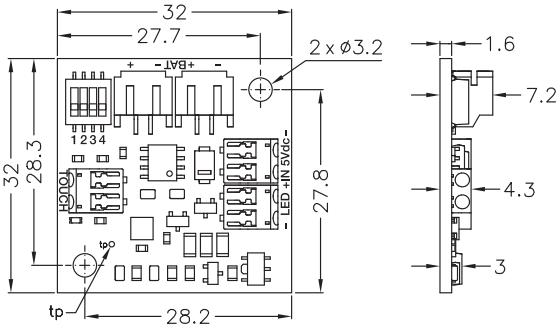
Ⓐ Memoria ultima funzione / *Last function memory*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CTC445AAX

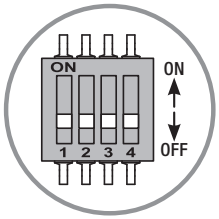
Scheda elettronica di controllo multifunzione e caricabatteria
Multifunction electronic control board and battery charger



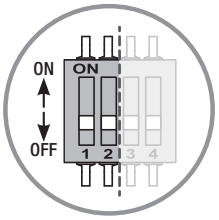


Vdc Input	CC Ouput	Output load	
		V max (V)	Power Max (W)
5V	350mA	3.5V	1.22W
	500mA		1.75W
	600mA		2.10W
	700mA		2.45W

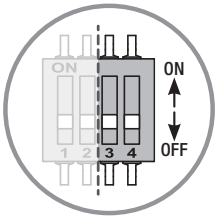
PCB	FR4 1.6 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipation	Auto dissipata / *Self dissipated*
Dimensions	32 x 32 mm - h 7.2 mm



DIP-switch setting
Setting funzioni e uscita corrente costante
Setting functions and constant current output



Functions	DIP-switch settings	
	1	2
4 Step fast: 10% / 40% / 100% / OFF	ON	ON
ON/OFF Soft + Dim + Status memory	ON	OFF
ON/OFF Soft + Dimmer	OFF	ON
ON/OFF Fast + Dimmer	OFF	OFF



CC Output (mA)	DIP-switch settings	
	3	4
350	OFF	OFF
500	OFF	ON
600	ON	OFF
700	ON	ON

Note: per cambiare funzione dopo aver impostato il DIP-switch è necessario scollegare e ricollegare le batterie per eseguire il reset del circuito e rendere disponibile il nuovo setting.
La corrente in uscita può essere cambiata senza scollegare le batterie.

Notes: *to change function after setting the DIP-switch you need to disconnect and reconnect the batteries to reset the circuit to make the new setting available.*
The output current can be changed without disconnecting the batteries.

Accessori / *Accessories*
Cavi, alimentatore, batterie, custodia per batterie
Cables, power supply, batteries, battery case

Codice ordine standard / *Standard order code*
Con connettori push-button, senza cavi e altri accessori
With push-button connectors, without cables and other accessories

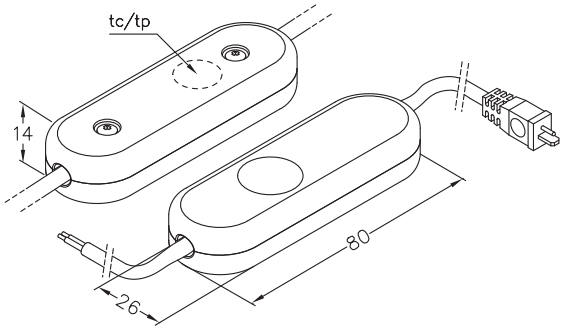
CTC445AAX	.	700	.	6801R
❶		❶		❶

❶ **Codice fisso / *Fixed code*** CTC445AAX.700.6801R

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

INT06

Interruttore elettronico con sensore touch
Touch sensor electronic switch



	Input	Output	Max Load	
CC Output	12V	350mA	10.8V	3.8W
	24V		21.6V	7.6W
	12V	500mA	10.8V	5.4W
	24V		21.6V	10.8W
	12V	700mA	10.8V	7.6W
	24V		21.6V	15W

	Input	Output	Power Max
CV Output	12V	12V	36W
	24V	24V	72W

Tmax	+50°C
t_a	-10°C ~ +35°C
Cable section	2 x 0.5 mm² / 2 x 0.75 mm²
Material	PC
Dimensions	80 x 26 mm - h 14 mm

INT06 | XXX ❷ | XX ❸ . | XXXX ❹ | X ❺ . | YYYYY ❻

❶ **Codice fisso / *Fixed code*** INT06

❷ **Versione / *Version***	**CC Out** 350mA	**CC Out** 500mA	**CC Out** 700mA	**CV Out**
Input 12-24Vdc	I35	I50	I70	V24

❸ **Colore / *Colour***	**Assemblato / *Assembled***	**Smontato / *Unassembled***
Nero / *Black*	BE	BS
Bianco / *White*	WE	WS
Trasparente / *Transparent*	TE	TS

❹ **Funzioni** *Functions*		ON		OFF		Dimmer 5~100%	Status Memory	
		Soft	Fast	Soft	Fast		Ⓐ	Ⓑ
CV Output	2900	✓		✓		✓	✓	✓
	2901		✓		✓	✓	✓	✓
	2902	✓		✓			✓	
	2903		✓		✓		✓	
CC Outpu	2600	✓		✓		✓	✓	✓
	2601		✓		✓	✓	✓	
	2602	✓		✓			✓	
	2603		✓		✓		✓	

Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

❺ **Blu LED** (indicazione stato / *status indicator*)

SI / *YES*	B
NO	X

Visibile solo nella versione trasparente / *Visible only with transparent case*

❻ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

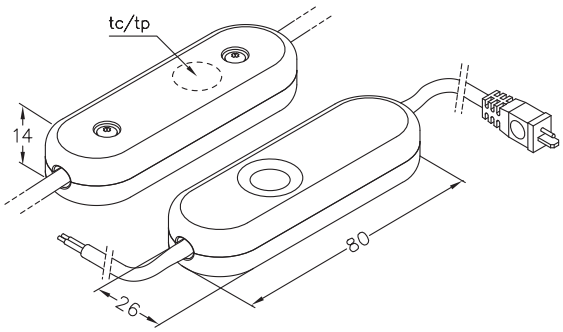
Accessori / *Accessories*
Corpo nero, bianco o trasparente, alimentatore, cavo con o senza connettore, LED indicazione stato
Black, white or transparent case, power supply, cables with or without plug connector, LED status indicator

Codice ordine standard / *Standard order code*
Smontato, con o senza cavo, assemblato con cavo, funzione a scelta, con o senza LED di indicazione stato e altri accessori
Unassembled, with or without cable, assembled with cable, function of choice, with or without LED status indicator and other accessories

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

INT07

Interruttore elettronico con pulsante meccanico
Push button electronic switch



Tmax	+50°C
t_a	-10°C ~ +35°C
Cable section	2 x 0.5 mm² / 2 x 0.75 mm²
Material	PC
Dimensions	80 x 26 mm - h 14 mm

	Code	Input	Output	Power Max
CV Output	INT07V...	12V	12V	36W
		24V	24V	72W
	INT07Q...	24V	24V	72W
		48V	48V	96W

	Code	Input	Output	Max Load	
CC Output	INT07I...	12V	350mA	10.8V	3.8W
		24V		21.6V	7.6W
		12V	500mA	10.8V	5.4W
		24V		21.6V	10.8W
		12V	700mA	10.8V	7.6W
		24V		21.6V	15.1W
	INT07H...	24V	350mA	21.6V	7.6W
		48V		43.2V	15.1W
		24V	500mA	21.6V	10.8W
		48V		43.2V	21.6W
		24V	700mA	21.6V	15.1W
		48V		43.2V	30.2W

INT07 | XXX ❷ | XX ❸ . | XXXXX ❹ . | YYYYY ❺

❶ Codice fisso / *Fixed code* INT07

❷ Versione / *Version*	**CC Out** 350mA	**CC Out** 500mA	**CC Out** 700mA	**CV Out**
Input 12-24Vdc	I35	I50	I70	V24
Input 24-48Vdc	H35	H50	H70	Q48

❸ Fornito / *Supplied*

Assemblato / *Assembled*	BE
Smontato / *Unassembled*	BS

	❹ Funzioni *Functions*	ON		OFF		Dimmer 5~100%	Status Memory	
		Soft	Fast	Soft	Fast		Ⓐ	Ⓑ
CV Output	2900X	✓		✓		✓	✓	✓
	2901X		✓		✓	✓	✓	✓
	2902X	✓		✓			✓	
	2903X		✓		✓		✓	
CC Outpu	3300X	✓		✓		✓	✓	✓
	3302X		✓		✓	✓	✓	✓
	3301X		✓		✓		✓	✓

Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

❺ Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

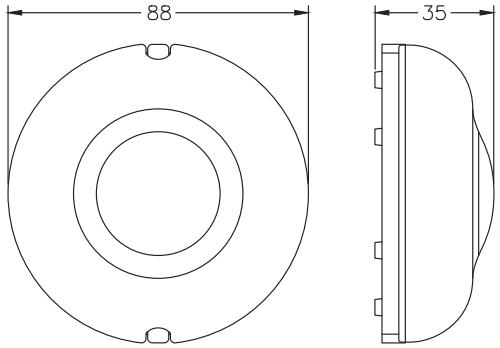
Accessori / *Accessories*
Alimentatore, cavo con o senza plug connettore
Power supply, cables vith or without plug connector

Codice ordine standard / *Standard order code*
Smontato, con o senza cavo, assemblato con cavo, funzione a scelta, senza altri accessori
Unassembled, with or without cable, assembled with cable, function of choice, without other accessories

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DMPH1

Dimmer elettronico multifunzione da pavimento
Multifunction electronic floor dimmer



Input (Vac)	Power (W) Max	
	@100V	@240V
110~240Vac 50/60Hz	150	300

Per lampade ad incandescenza, alogene, fluoresenti ESL e moduli LED a tensione di rete
Riconoscimento automatico della tensione di ingresso
12 programmi preimpostati selezionabili
Regolazione del livello di luminosità min/max
Accensione e spegnimento graduale o rapido
Dimmerazione lineare o a step
Memoria dell'ultima funzione impostata

For LED, incandescent, halogen and ESL lamps and main voltage LED modules
Automatic recognition of input voltage
12 preset selectable programs
Min/max brightness regulation
Gradual or fast power-on/off
Linear or step dimming
Memory of the last set function

t_a	0°C ~ +35°C
LED status indicator	Blu, visibile solo nella versione trasparente *Blue, visible only with transparent cover*
Protection device	Fusibile interno / *Internal fuse* F 1.25A - 250V (sostituibile / *replaceable*)
Cable section	2 x 0.75 mm / 3 x 0.75
Material	PC
Dimensions	Ø 88 mm x h 35 mm

Accessori / *Accessories*
Cover trasparente, bianca, nera, oro, cavo
Transparent, white, black or gold cover, cable

Codice ordine standard / *Standard order code*
Assemblato con cover, senza cavo e altri accessori
Assembled with cover, without cable and other accessories

DMPH1 (1) . XX (2) . 2000B (1)

(1) **Codice fisso / *Fixed code*** DMPH1 _ 2000B

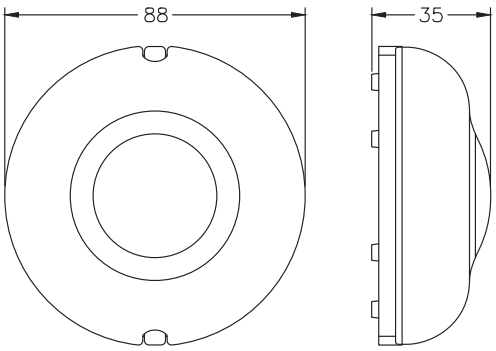
(3) **Cover / *Cover***

Trasparente / *Transparent*	TS
Bianco / *White*	WS
Nero / *Black*	BS
Oro / *Gold*	GS

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DMPL1

Dimmer elettronico multifunzione da pavimento
Multifunction electronic floor dimmer



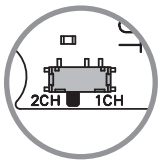
Switch settings	Input Vdc (V)	V load range (V)
CC	12	1~10.8
	24	10.8~21.6
	48	21.6~43.2

Switch settings	Input Vdc (V)	Output Vdc (V)
DC	12	12
	24	24
	48	48

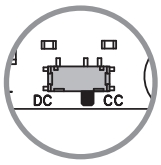
CC Output (mA)	DIP-switch settings								
	Ch1				Ch2				Ch1+Ch2
	1	2	3	4	5	6	7	8	
200	-	-	ON	-	-	-	ON	-	✓
250	-	ON	-	-	-	ON	-	-	✓
300	ON	-	-	-	ON	-	-	-	✓
350	-	-	ON	ON	-	-	ON	ON	✓
400	-	ON	-	ON	-	ON	-	ON	✓
450	ON	-	-	ON	ON	-	-	ON	✓
500	ON	-	ON	-	ON	-	ON	-	✓
600	-	ON	ON	ON	-	ON	ON	ON	✓
700	ON	ON	-	ON	ON	ON	-	ON	✓
800	ON	ON	ON	-	-	-	-	-	**Solo / *Only* Ch1**
900	ON	ON	ON	ON	-	-	-	-	

Ch1	Ch1+Ch2
MAX 5A	MAX 6A

t_a	-10°C ~ +40°C
Terminal block	0.5mm²~1.5 mm²
Material	PC
Dimensions	Ø 88 mm x h 35 mm

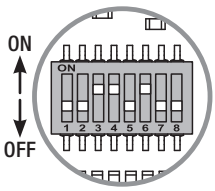


Channel setting switch



DC / CC setting switch

I 2 canali possono avere impostazioni diverse.
Non è prevista impostazione con tutti i DIP-switch in posizione OFF
The 2 channels can have different settings.
There is no setting with all the DIP-switches in OFF position
Impostazioni di fabbrica / *Factory default setting:* CC - 350mA
1 ch (Ch1) max 900mA, 2 ch (Ch1+Ch2) max 700mA + 700mA



DIP-switch CC setting

Accessori / *Accessories*
Cover trasparente, bianca, nera, oro, cavo
Transparent, white, black or gold cover, cable

Codice ordine standard / *Standard order code*
Assemblato con cover, senza cavo e altri accessori
Assembled with cover, without cable and other accessories

DMPL1 | XX | XX | . | XXXXX
① ② ③ ④

① Codice fisso / *Fixed code* DMPL1

② Uscita / *Output*

DC + CC (2 Ch)	A2
DC (2 Ch)	T2

③ Cover / *Cover*

Trasparente / *Transparent*	TS
Bianco / *White*	WS
Nero / *Black*	BS
Oro / *Gold*	GS

④ Funzioni *Functions*	ON		OFF		Dimmer 5~100%	100/75/50/25/5% Soft Push>2s OFF	Status Memory	
	Soft	Fast	Soft	Fast			①	②
4400X	✓		✓		✓		✓	✓
4401X		✓		✓	✓		✓	✓
4402X						✓	✓	✓

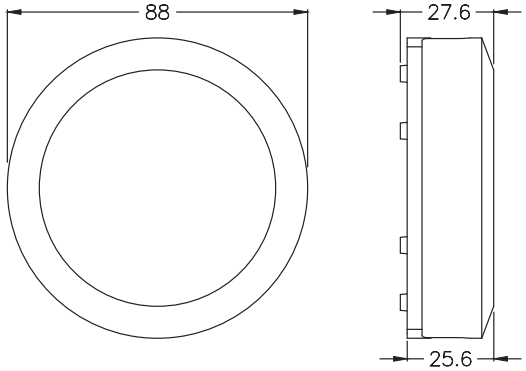
① Memoria ultima funzione / *Last function memory*
② Memoria da interruzione di alimentazione / *Memory by supply interruption*

Attenzione / Warning
Eseguire tutti i cablaggi prima del collegamento alla rete
Verificare la corretta impostazione degli switch prima dell'accensione
Carry out all wiring before connecting to the mains voltage
Check the correct setting of the switches before switching on

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DMPF1

Dimmer elettronico multifunzione da pavimento
Multifunction electronic floor dimmer



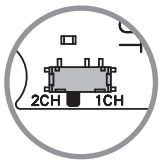
Switch settings	Input Vdc (V)	V load range (V)
CC	12	1~10.8
	24	10.8~21.6
	48	21.6~43.2

Switch settings	Input Vdc (V)	Output Vdc (V)
DC	12	12
	24	24
	48	48

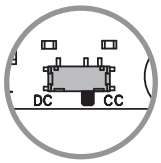
CC Output (mA)	DIP-switch settings Ch1 1	2	3	4	Ch2 5	6	7	8	Ch1+Ch2
200	-	-	ON	-	-	-	ON	-	✓
250	-	ON	-	-	-	ON	-	-	✓
300	ON	-	-	-	ON	-	-	-	✓
350	-	-	ON	ON	-	-	ON	ON	✓
400	-	ON	-	ON	-	ON	-	ON	✓
450	ON	-	-	ON	ON	-	-	ON	✓
500	ON	-	ON	-	ON	-	ON	-	✓
600	-	ON	ON	ON	-	ON	ON	ON	✓
700	ON	ON	-	ON	ON	ON	-	ON	✓
800	ON	ON	ON	-	-	-	-	-	**Solo / *Only* Ch1**
900	ON	ON	ON	ON	-	-	-	-	

Ch1	Ch1+Ch2
MAX 5A	MAX 6A

t_a	-10°C ~ +40°C
Terminal block	0.5mm²~1.5 mm²
Material	PC
Dimensions	Ø 88 mm x h 25.6 mm

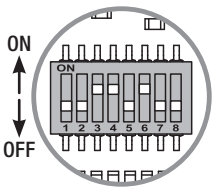


Channel setting switch



DC / CC setting switch

I 2 canali possono avere impostazioni diverse.
Non è prevista impostazione con tutti i DIP-switch in posizione OFF
The 2 channels can have different settings.
There is no setting with all the DIP-switches in OFF position
Impostazioni di fabbrica / *Factory default setting:* CC - 350mA
1 ch (Ch1) max 900mA, 2 ch (Ch1+Ch2) max 700mA + 700mA



DIP-switch CC setting

DMPF1 ❶ | XX ❷ | BS ❶ | . | XXXXX ❸

❶ **Codice fisso / *Fixed code*** DMPF1 _ BS

❷ **Uscita / *Output***

DC + CC (2 Ch)	A2
DC (2 Ch)	T2

❸ **Funzioni *Functions***	ON Soft	ON Fast	OFF Soft	OFF Fast	Dimmer 5~100%	100/75/50/25/5% Soft Push>2s OFF	Status Memory ①	Status Memory ②
4400X	✓		✓		✓		✓	✓
4401X		✓		✓	✓		✓	✓
4402X						✓	✓	✓

① Memoria ultima funzione / *Last function memory*
② Memoria da interruzione di alimentazione / *Memory by supply interruption*

Accessori / *Accessories*
Cover trasparente, bianca, nera, oro, cavo
Transparent, white, black or gold cover, cable

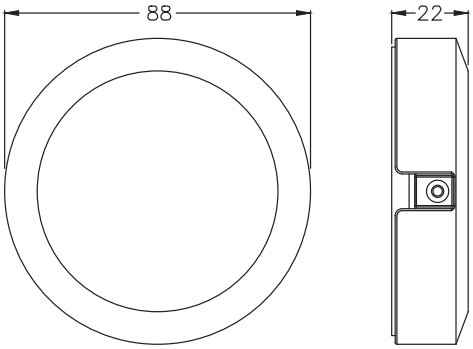
Codice ordine standard / *Standard order code*
Assemblato con cover, senza cavo e altri accessori
Assembled with cover, without cable and other accessories

Attenzione / Warning
Eseguire tutti i cablaggi prima del collegamento alla rete
Verificare la corretta impostazione degli switch prima dell'accensione
Carry out all wiring before connecting to the mains voltage
Check the correct setting of the switches before switching on

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DMPV1T2BS

Dimmer elettronico multifunzione da pavimento
Multifunction electronic floor dimmer



Input Vdc (V)	Output Vdc (V)
12	12
24	24

Ch1	Ch1+Ch2
MAX 5A	MAX 5A

Anche quando vengono utilizzati contemporaneamente i 2 canali (Ch1+Ch2) il carico massimo complessivo è di 5A
Even when using at the same time 2 channels (Ch1+Ch2) the max load combined is 5A

t_a	-10°C ~ +40°C
Dimming	5% ~ 100%
Connections input	DC-plug femmina / *Female DC-plug* 5.5*2.1*10
Connections output	Morsettiera push per cavi sezione 0.5mm²~1.5 mm² *Push terminal block for 0.5mm²~1.5 mm² cable section*
Material	PC
Dimensions	Ø 88 mm x h 22 mm

Accessori / *Accessories*
Cavo, *cable*

Codice ordine standard / *Standard order code*
Assemblato con cover, senza cavo e altri accessori
Assembled with cover, without cable and other accessories

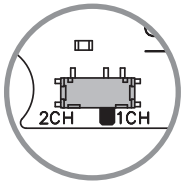
DMPV1T2BS . XXXXX
❶ ❷

❶ **Codice fisso / *Fixed code*** DMPV1T2BS

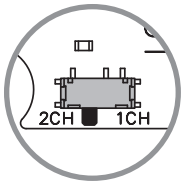
❷ **Funzioni** *Functions*	ON		OFF		Dimmer 5~100%	Status Memory	
	Soft	Fast	Soft	Fast		Ⓐ	Ⓑ
5900X	✓		✓		✓	✓	✓
5901X	✓		✓				✓
5902X		✓		✓			✓

Ⓐ Memoria ultima funzione / *Last function memory*
Ⓑ Memoria da interruzione di alimentazione / *Memory by supply interruption*

Switch settings



1 canale / *1 channel*
Max 5A

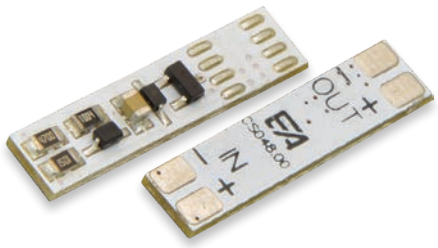


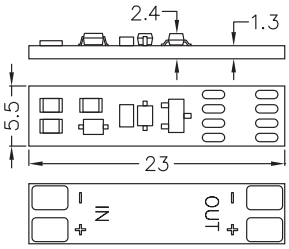
2 canali / *2 channels*
(Ch1+Ch2)
Max 5A

Attenzione / Warning
Eseguire tutti i cablaggi prima del collegamento alla rete
Verificare la corretta impostazione degli switch prima dell'accensione
Carry out all wiring before connecting to the mains voltage
Check the correct setting of the switches before switching on

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

HPG001





Input Max CC	Load Range (V)
1A	11~15*

* Altre tensioni di carico a richiesta / *Other Vf load ranges on request*

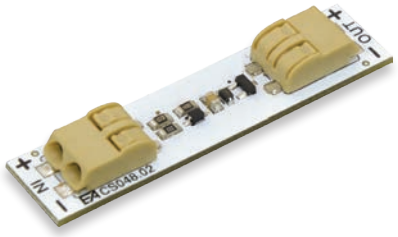
Circuito di protezione da sovratensioni, indicato quando si usano interruttori ON/OFF sul cavo in uscita dal driver o per driver che non hanno il "soft start".

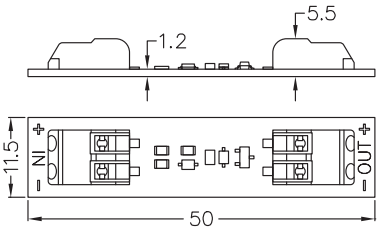
Protection circuit against overvoltage, recommended when using ON/OFF switches on the output cable from the driver or for drivers not equipped with "soft start" device.

PCB	FR4 1.3 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dimensioni / *Dimensions*	23 x 5.5 mm x h 2.4 mm

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

HPG002





Input Max CC	Load Range (V)
1A	36~39*

* Altre tensioni di carico a richiesta / *Other Vf load ranges on request*

Circuito di protezione da sovratensioni, indicato quando si usano interruttori ON/OFF sul cavo in uscita dal driver o per driver che non hanno il "soft start".

Protection circuit against overvoltage, recommended when using ON/OFF switches on the output cable from the driver or for drivers not equipped with "soft start" device.

PCB	FR4 1.3 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dimensioni / *Dimensions*	50 x 11.5 mm x h 5.5 mm

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Sistema QUICK-LED
QUICK-LED system

Legenda	***Legend***	
Corrente costante / *Constant current*		
Angolo fascio luminoso / *Beam angle*		
Step MacAdam / *MacAdam step*		
Modulo LED da incorporare / *Built-in lighting module*		
Dimmerabile / *Dimmable*		
Materiale Ottone / *Brass material*		
Materiale Alluminio / *Aluminium material*		
Ordine minimo / *Minimum order*		

Sistema QUICK-LED / ***QUICK-LED system***	
Moduli LED / *LED modules*	**261 › 262**
Supporti e adattatori / *Supports and adapters*	**263 › 272**
Esempi di assemblaggio / *Assembly examples*	**273 › 274**

Driver

Se non diversamente indicato, i moduli LED non sono protetti da sovratensioni, sovracorrenti, sovraccarichi o cortocircuiti. Per un buon funzionamento, assicurarsi che il driver utilizzato abbia tali protezioni.

Unless otherwise indicated, LED modules are not protected against overvoltage, overcurrent, overload or short-circuits.
For correct operation, check driver has such protections.

Tmax - Temperatura d'esercizio | ***Working temperature***

Da verificare sull'applicazione finale misurata nel punto più vicino al LED.

To be tested on final application measured at the nearest point to the LED.

Dissipazione | ***Dissipation***

I moduli LED sono autodissipati.
Al fine di una corretta dissipazione possono essere fissati su un ulteriore supporto alluminio.

LED modules are self-dissipated.
In order to obtain correct dissipation, can be fixed on an additional aluminum support.

Tolleranze | ***Tolerances***

Valori elettrici / *Electrical values* (@25°): ±10%
Dimensionali / *Dimensional:* ±0.15mm
Ø fori / *hole Ø:* ±0.1mm

Varianti e accessori | ***Variants and accessories***

Da definire in fase d'ordine / *To be chosen when ordering.*

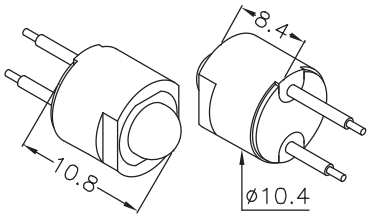
Note | ***Notes***

I moduli LED contengono componenti che sono sensibili alle scariche elettrostatiche e possono essere maneggiati solo utilizzando le adeguate protezioni. Durante le fasi di lavorazione è necessario prestare la massima attenzione a non danneggiare i moduli e/o apportare modifiche agli stessi ed evitare di collegarli ad un alimentatore sotto tensione.

LED modules contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED modules and/or not to modify them. Avoid connecting the LED boards while the driver is being powered.

01XA03

Modulo LED a corrente costante
Constant current LED module

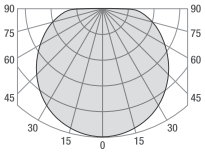


CC Input (mA)	V Typ (V)	Power Typ (W)
350	3.1	1.1
500	3.3	1.7

RA/CRI	CRI>80
LED type	PROLIGHT®
LED Q.ty	1
Dimensions	Ø 10.4 mm - h 10.8 mm

CCT CRI>80	Power Typ (W)	LED type GD			LED type GA			LED type GE		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2750K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A G F	185	109	A G F
2950K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A G F	185	109	A G F
3150K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A G F	185	109	A G F
3950K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A G F	185	109	A G F
5300K	1.1	105	95		123	112		136	124	
	1.7	137	81	A G	168	99	A G F	185	109	A G F

Curva tipica di distribuzione della luce
Luminous intensity distribution



Accessori / *Accessories*
Cavi, lente, supporto e vetro / *Cables, lens, holder and glass*

Codice ordine standard / *Standard order code*
Senza accessori, tipo e lunghezza cavo da definire
Without accessories, type and lenght cable to be defined

01XA03	XXXXX	.	XXXG	X	.	YYYYY
1	2		1	3		4

1 Codice fisso / *Fixed code* 01XA03 _ XXXG

2 CCT	**CRI>80**
2750K	27805
2950K	29805
3150K	31805
3950K	39805
5300K	53805

3 Flusso del LED / *LED flux*

Definito da EA srl in fase d'ordine, in base alla disponibilità del produttore del LED	D
Defined by EA srl when ordering, based on the availability of the LED manufacturer	A
	E

4 Variante cavo / *Cable variants*

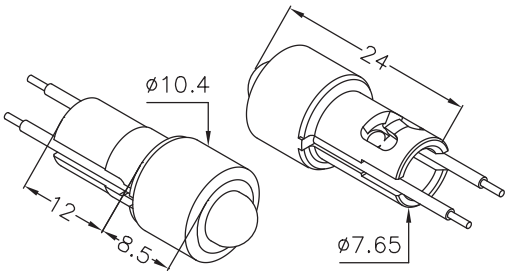
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Riferimenti normativi / *Normative requirements*
EN 62031 / EN 62471 / IEC TR 62778

01XB03

Modulo LED a corrente costante
Constant current LED module



CC Input (mA)	V Typ (V)	Power Typ (W)
350	3.1	1.1
500	3.3	1.7

RA/CRI	CRI>80
LED type	PROLIGHT®
LED Q.ty	1
Dimensions	Ø 10.4 mm - h 24 mm

CCT CRI>80	Power Typ (W)	LED type GD			LED type GA			LED type GE		
		lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency	lm Typ	lm/W	Energy efficiency
2750K	1.1	105	95		123	112		136	124	
	1.7	137	81	G	168	99	F	185	109	F
2950K	1.1	105	95		123	112		136	124	
	1.7	137	81	G	168	99	F	185	109	F
3150K	1.1	105	95		123	112		136	124	
	1.7	137	81	G	168	99	F	185	109	F
3950K	1.1	105	95		123	112		136	124	
	1.7	137	81	G	168	99	F	185	109	F
5300K	1.1	105	95		123	112		136	124	
	1.7	137	81	G	168	99	F	185	109	F

Accessori / *Accessories*
Cavi, lente, supporto e vetro / *Cables, lens, holder and glass*

Codice ordine standard / *Standard order code*
Senza accessori, tipo e lunghezza cavo da definire
Without accessories, type and lenght cable to be defined

01XB03	XXXXX	.	XXXG	X	.	YYYYY
1	2		1	3		4

1 Codice fisso / *Fixed code* 01XB03 _ XXXG

2 CCT	**CRI>80**
2750K	27805
2950K	29805
3150K	31805
3950K	39805
5300K	53805

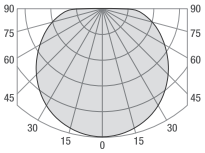
3 Flusso del LED / *LED flux*

Definito da EA srl in fase d'ordine, in base alla disponibilità del produttore del LED *Defined by EA srl when ordering, based on the availability of the LED manufacturer*	D
	A
	E

4 Variante cavo / *Cable variants*

Da definire in fase d'ordine / *To be chosen when ordering*

Curva tipica di distribuzione della luce
Luminous intensity distribution



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

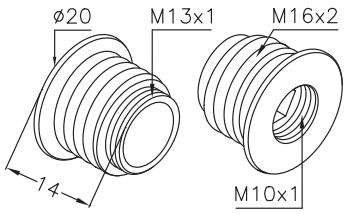
Riferimenti normativi / *Normative requirements*
EN 62031 / EN 62471 / IEC TR 62778

SP0136

Supporto filettato / *Threaded holder* M16x2

Al

1



Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0136.03	20	14	Alluminio / *Aluminium*

Da abbinare / *To be combined with*
Ghiera GHI018 o similare / *GHI018 ring or similar*

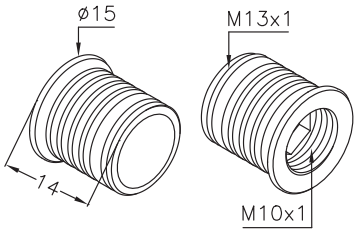
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0137

Supporto con sede per molla / *Holder with spring seat*

0t

1



Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0137.00	15	14	Ottone / *Brass*

Da abbinare / *To be combined with*
Ghiera GHI018 o similare e MOL043 / *GHI018 ring or similar and MOL043*

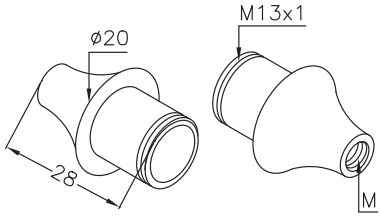
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0138

Supporto decorativo con sede per molla / *Decorative holder with spring seat*

0t

1



Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0138.01	M 8x1	20	28	Ottone / *Brass*
SP0138.02	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare e MOL043 / *GHI018 ring or similar and MOL043*

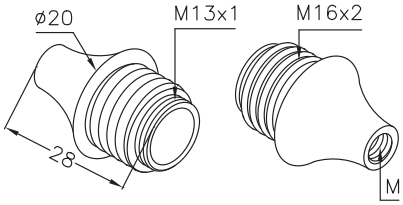
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0139

Supporto decorativo filettato / *Decorative holder threaded* M16x2

0t

1



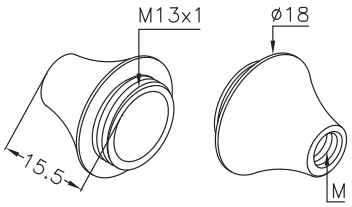
Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0139.00	M 10x1	20	28	Ottone / *Brass*
SP0139.02	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare / *GHI018 ring or similar*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0142

Supporto decorativo / *Decorative holder*



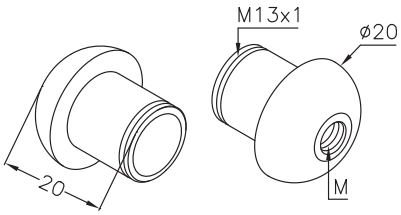
Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0142.00	M 10x1	18	15.5	Ottone / *Brass*
SP0142.01	M 8x1			
SP0142.02	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare / *GHI018 ring or similar*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0143

Supporto decorativo con sede per molla / *Decorative holder with spring seat*



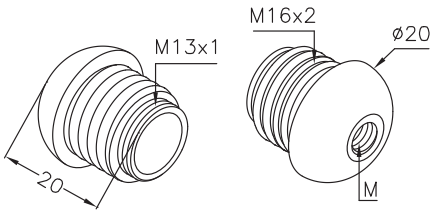
Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0143.00	M 10x1	20	20	Ottone / *Brass*
SP0143.01	M 8x1			
SP0143.02	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare e MOL043
GHI018 ring or similar and MOL043

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0144

Supporto decorativo filettato / *Decorative holder threaded* M16x2



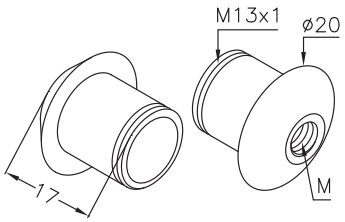
Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0144.00	M 10x1	20	20	Ottone / *Brass*
SP0144.01	M 8x1			
SP0144.02	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare / *GHI018 ring or similar*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0145

Supporto decorativo con sede per molla / *Decorative holder with spring seat*



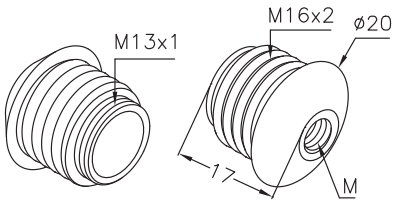
Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0145.00	M 10x1	20	17	Ottone / *Brass*
SP0145.01	M 8x1			
SP0145.02	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare e MOL043
GHI018 ring or similar and MOL043

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0146

Supporto decorativo filettato / *Decorative holder threaded* M16x2



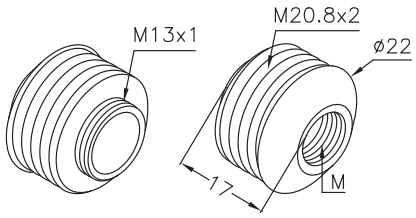
Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0146.00	M 10x1	20	17	Ottone / *Brass*
SP0146.01	M 8x1			
SP0146.02	M 6x1			
SP0146.03	M 10x1	20	17	Alluminio / *Aluminium*
SP0146.04	M 8x1			
SP0146.05	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare / *GHI018 ring or similar*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0147

Supporto decorativo filettato / *Decorative holder threaded* M20.8x2



Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0147.00	M 10x1	22	17	Ottone / *Brass*
SP0147.01	M 8x1			
SP0147.02	M 6x1			
SP0147.03	M 10x1	22	17	Alluminio / *Aluminium*
SP0147.04	M 8x1			
SP0147.05	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare / *GHI018 ring or similar*

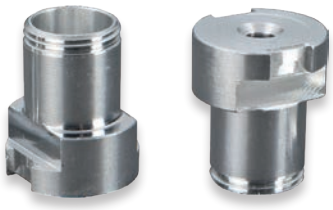
Permette di sostituire la struttura G9 esistente con LED 1W e 2W
Possibility to replace G9 existing structure with 1W or 2W LEDs

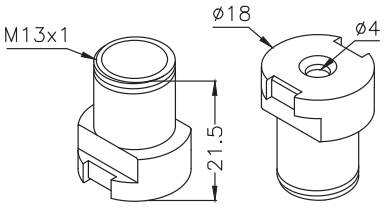
Potenza massima dissipata / *Max. dissipated power* 2W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0148

Adattatore / *Adapter* G9





Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0148.03	18	21.5	Alluminio / *Aluminium*

Da abbinare / *To be combined with*
Ghiera GHI018 o similare / *GHI018 ring or similar*

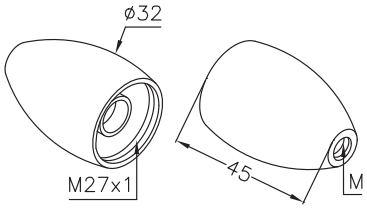
Permette di sostituire la struttura G9 esistente con LED 1W e 2W
Possibility to replace G9 existing structure with 1W or 2W LEDs

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0150

Supporto decorativo / *Decorative holder*

Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0150.01	M 8x1	32	45	Ottone / *Brass*
SP0150.04	M 8x1			Alluminio / *Aluminium*
SP0150.05	M 6x1			Alluminio / *Aluminium*



Da abbinare / *To be combined with*
Ghiera GHI025 e lente Ø 20 mm / *GHI025 ring and Ø 20 mm lens*

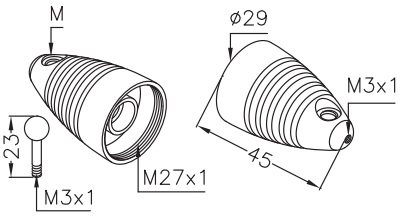
Potenza massima dissipata / *Max. dissipated power* 2W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0151

Supporto decorativo con uscita cavi laterale / *Decorative holder with side cable exit*

Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0151.01	M 8x1	29	45/64	Ottone / *Brass*
SP0151.02	M 6x1			



Da abbinare / *To be combined with*
Ghiera GHI026 e lente Ø 20 mm / *GHI026 ring and Ø 20 mm lens*

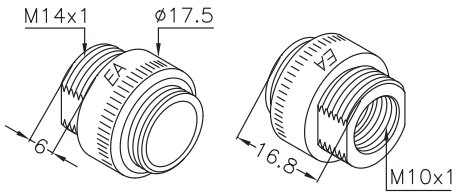
Potenza massima dissipata / *Max. dissipated power* 2W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0152

Adattatore per staffe / *Bracket adapter* R7s

Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0152.01	17.5	16.8	Alluminio / *Aluminium*



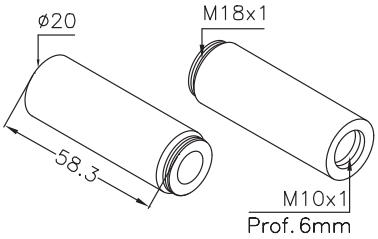
Da abbinare / *To be combined with*
Ghiera GHI018 / *GHI018 ring*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0153

Supporto decorativo / *Decorative holder*

Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0153.00	20	58.3	Ottone / *Brass*
SP0153.03			Alluminio / *Aluminium*



Da abbinare / *To be combined with*
Ghiera GHI027 e lente Ø 16 mm / *GHI027 ring and Ø 16 mm lens*

Potenza massima dissipata / *Max. dissipated power* 2W

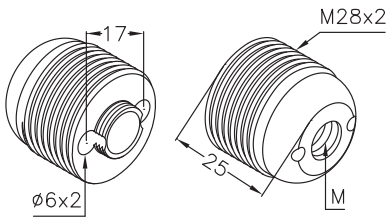
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0154

Adattatore E14, filetto M28x2 / *E14 adapter, M28x2 thread*

Al

1



Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0154.03	M 10x1	E14	25	Alluminio / *Aluminium*
SP0154.04	M 8x1			

Da abbinare / *To be combined with*
Ghiera GHI018 / *GHI018 ring*

Potenza massima dissipata / *Max. dissipated power* 2W

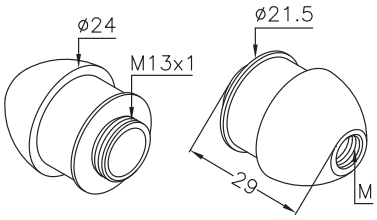
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0155

Supporto decorativo con sede per molla reggivetro
Decorative holder with a seat for glass holding spring

Ot

1



Codice / *Code*	(M)	Ø mm	h mm	Materiale / *Material*
SP0155.00	M 10x1	24	29	Ottone / *Brass*
SP0155.01	M 8x1			
SP0155.02	M 6x1			

Da abbinare / *To be combined with*
Ghiera GHI018 o similare, MOL24 e MOL25
GHI018 ring or similar, MOL24 and MOL25

Permette di sostituire la struttura G9 esistente con LED 1W e 2W
Possibility to replace G9 existing structure with 1W or 2W LEDs

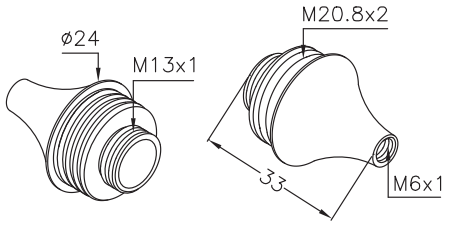
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0156

Supporto decorativo filettato / *Decorative holder threaded* M20.8x2

Ot

1



Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0156.02	24	33	Ottone / *Brass*

Da abbinare / *To be combined with*
Ghiera GHI018 / *GHI018 ring*

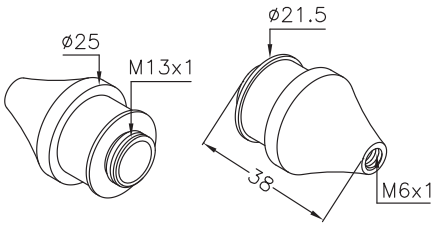
Permette di sostituire la struttura G9 esistente con LED 1W e 2W
Possibility to replace G9 existing structure with 1W or 2W LEDs

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0157

Supporto decorativo con sede per molla reggivetro
Decorative holder with a seat for glass holding spring

Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0157.02	25	38	Ottone / *Brass*



Da abbinare / *To be combined with*
Ghiera GHI018 o similare, MOL24 e MOL25
GHI018 ring or similar, MOL24 and MOL25

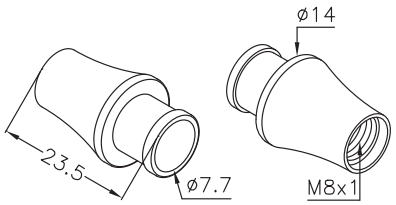
Permette di sostituire la struttura G9 esistente con LED 1W e 2W
Possibility to replace G9 existing structure with 1W or 2W LEDs

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0159

Supporto decorativo con sede per molla reggivetro
Decorative holder with a seat for glass holding spring

Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0159.00	14	23.5	Ottone / *Brass*



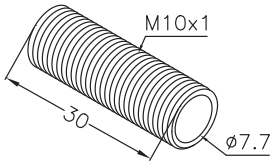
Da abbinare / *To be combined with* MOL34

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP0162

Supporto filettato M10x1 / *Holder M10x1 threaded*

Codice / *Code*	Ø mm	h mm	Materiale / *Material*
SP0162.00	/	30	Alluminio / *Aluminium*



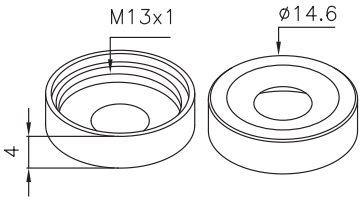
Potenza massima dissipata / *Max. dissipated power* 1W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

GHI018

Ghiera / *Ring* Ø 14.6 x h 4 mm

Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI018.00	14.6	4	150°	Ottone / *Brass*
GHI018.01				Alluminio / *Aluminium*



Abbinabile a / *To be combined with*
Supporti sistema QUICK-LED / *QUICK-LED system support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

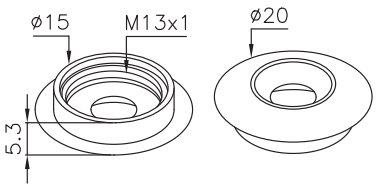
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

GHI019

Ghiera decorativa / *Decorative ring* Ø 20 x h 5.3 mm

Ot

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI019.02	20	5.3	60°	Ottone / *Brass*

Abbinabile a / *To be combined with*
Supporti sistema QUICK-LED / *QUICK-LED system support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

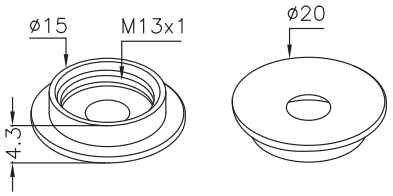
GHI020

Ghiera decorativa / *Decorative ring* Ø 20 x h 4.3 mm

Ot

Al

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI020.00	20	4.3	168°	Ottone / *Brass*
GHI020.01				Alluminio / *Aluminium*

Abbinabile a / *To be combined with*
Supporti sistema QUICK-LED / *QUICK-LED system support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

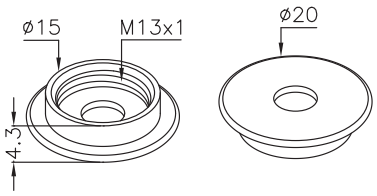
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

GHI021

Ghiera decorativa / *Decorative ring* Ø 20 x h 4.3 mm

Ot

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI021.00	20	4.3	180°	Ottone / *Brass*

Abbinabile a / *To be combined with*
Supporti sistema QUICK-LED / *QUICK-LED system support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

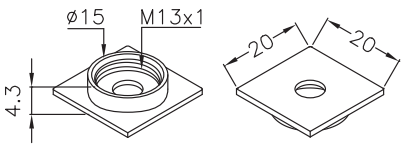
GHI022

Ghiera decorativa / *Decorative ring* 20 x 20 x h 4.3 mm

Ot

Al

1



Codice / *Code*	mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI022.00	20 x 20	4.3	180°	Ottone / *Brass*
GHI022.01				Alluminio / *Aluminium*

Abbinabile a / *To be combined with*
Supporti sistema QUICK-LED / *QUICK-LED system support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

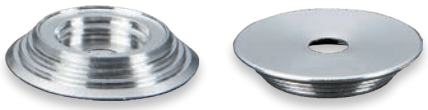
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

GHI024

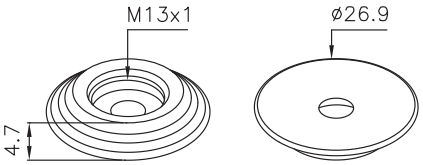
Ghiera decorativa / *Decorative ring* Ø 26.9 x h 4.7 mm

Al

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI024.01	26.9	4.7	172°	Alluminio / *Aluminium*



Abbinabile a / *To be combined with*
Supporti sistema QUICK-LED / *QUICK-LED system support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

GHI025

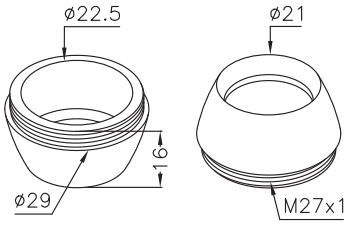
Ghiera / *Ring* Ø 29 x h 16 mm

Ot

Al

1

Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI025.00	29	16	/	Ottone / *Brass*
GHI025.01				Alluminio / *Aluminium*



Per / *For* Supporto SPO150 / *SPO150 support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

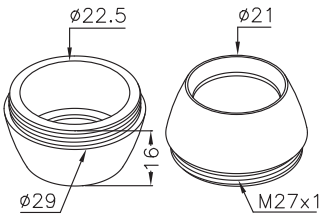
GHI026

Ghiera / *Ring* Ø 29 x h 16 mm

Ot

1

Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI026.00	29	16	/	Ottone / *Brass*



Per / *For* Supporto SPO151 / *SPO151 support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

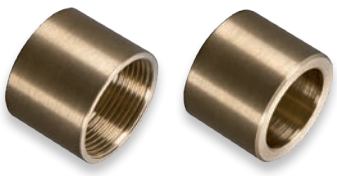
GHI027

Ghiera / *Ring* Ø 20 x h 15.7 mm

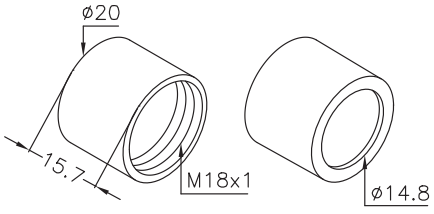
Ot

Al

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI027.00	20	15.7	/	Ottone / *Brass*
GHI027.01				Alluminio / *Aluminium*



Per / *For* Supporto SPO153 / *SPO153 support*

Per bloccare / *To lock*
Modulo 01XA e la lente nella sua sede
01XA module and the lens in its seat

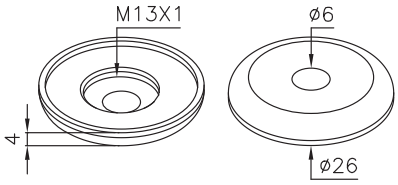
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

GHI028

Ghiera / *Ring* Ø 26 x h 4 mm

Al

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI028.01	26	4	180°	Alluminio / *Aluminium*

Abbinabile a / *To be combined with*
Supporto SPO154 / *SPO154 support*

Per bloccare / *To lock*
Modulo 01XA nella sua sede / *01XA module in its seat*

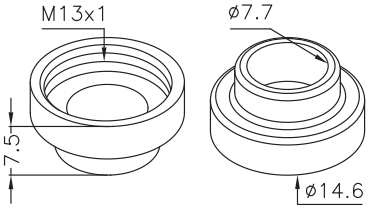
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

GHI030

Ghiera adattatore / *Adapter ring* Ø 14.6 x h 7.5 mm

Ot

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
GHI030.00	14.6	7.5	/	Ottone / *Brass*

Per abbinare / *For combine*
Modulo LED 01XB ai supporti decorativi
01XB LED module with decorative supports

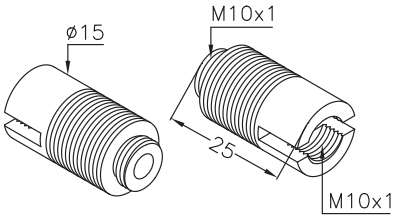
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SUP094.00

Supporto dissipatore modulare, filetto maschio-femmina M10x1
Modular heatsink holder, M10x1 male-female thread

Al

1



Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
SUP094.00	15	25	/	Ottone / *Brass*

Potenza massima dissipata / *Max. dissipated power* 1W

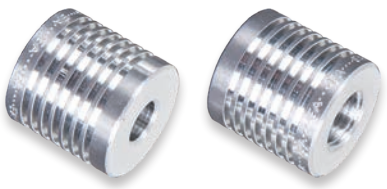
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

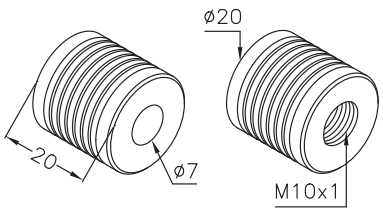
SUP094.01

Supporto dissipatore modulare, filetto maschio-femmina M10x1
Modular heatsink holder, M10x1 male-female thread

Al

1





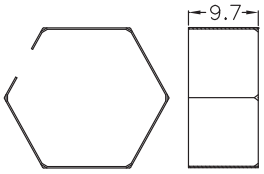
Codice / *Code*	Ø mm	h mm	Angolo / *Angle*	Materiale / *Material*
SUP094.01	20	20	/	Alluminio / *Aluminium*

Potenza massima dissipata / *Max. dissipated power* 1W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MOL24

Molla reggivetro per vetro con foro Ø 22 mm
Glass holding spring for glass with Ø 22 mm hole



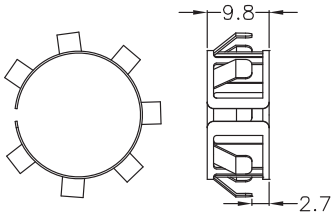
Codice / *Code*	h mm	Fissaggio / *Fixing*
MOL24	9.7	A scatto / *Snap-in*

Abbinabile a / *To be combined with*
Supporti SP0155 e SP0157 / *SP0155 or SP0157 support*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MOL25

Molla reggivetro per vetro con foro Ø 22~24 mm
Glass holding spring for glass with hole range Ø 22~24 mm



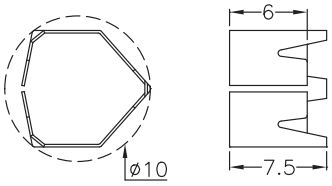
Codice / *Code*	h mm	Fissaggio / *Fixing*
MOL25	9.8	A scatto / *Snap-in*

Abbinabile a / *To be combined with*
Supporti SP0155 e SP0157 / *SP0155 or SP0157 support*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MOL34

Molla reggivetro in acciaio temperato per vetro con foro Ø 11 mm
Glass holding tempered steel spring for glass with Ø 11 mm hole



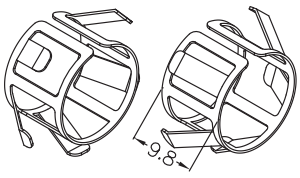
Codice / *Code*	h mm	Fissaggio / *Fixing*
MOL34	7.5	A scatto / *Snap-in*

Per / *For* Supporto / *Support* SP0159

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

MOL043

Molla reggivetro per vetro con foro Ø 16 mm
Glass holding spring for glass with Ø 16 mm hole

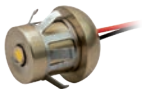
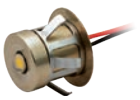


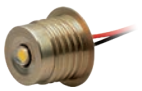
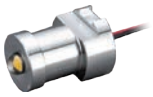
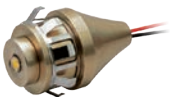
Codice / *Code*	h mm	Fissaggio / *Fixing*
MOL043.00	9.8	A scatto / *Snap-in*

Abbinabile a / *To be combined with*
Supporti SP0137, SP0138, SP0143 e SP0145
SP0137, SP0138, SP0143 or SP0145 supports

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

01XA

Spot	Ghiera *Ring*	Supporti *Support*	Molla *Spring*	Esempio assemblato *Assembled example*
SPO136 *pag. 249*	GHI018 *pag. 254*	SUP094.00 *pag. 257*	/	
SPO137 *pag. 249*	GHI018 *pag. 254*	SUP094.00 *pag. 257*	MOL043 *pag. 258*	
SPO137 *pag. 249*	GHI019 *pag. 255*	SUP094.00 *pag. 257*	MOL043 *pag. 258*	
SPO137 *pag. 249*	GHI020 *pag. 255*	SUP094.00 *pag. 257*	MOL043 *pag. 258*	
SPO137 *pag. 249*	GHI021 *pag. 255*	SUP094.00 *pag. 257*	MOL043 *pag. 258*	
SPO137 *pag. 249*	GHI022 *pag. 255*	SUP094.00 *pag. 257*	MOL043 *pag. 258*	
SPO137 *pag. 249*	GHI024 *pag. 256*	SUP094.00 *pag. 257*	MOL043 *pag. 258*	
SPO138 *pag. 249*	GHI018 *pag. 254*	/	MOL043 *pag. 258*	
SPO139 *pag. 249*	GHI018 *pag. 254*	/	/	
SPO142 *pag. 250*	GHI018 *pag. 254*	/	/	
SPO143 *pag. 250*	GHI018 *pag. 254*	/	MOL043 *pag. 258*	
SPO144 *pag. 250*	GHI018 *pag. 254*	/	/	
SPO145 *pag. 250*	GHI018 *pag. 254*	/	MOL043 *pag. 258*	

Spot	Ghiera *Ring*	Supporti *Support*	Molla *Spring*	Esempio assemblato *Assembled example*
SPO146 *pag. 251*	GHI018 *pag. 254*	/	/	
SPO147 *pag. 251*	GHI018 *pag. 254*	/	/	
SPO148 *pag. 251*	GHI018 *pag. 254*	/	/	
SPO150 *pag. 252*	GHI025 *pag. 256*	/	/	
SPO151 *pag. 252*	GHI026 *pag. 256*	/	/	
SPO152 *pag. 252*	GHI018 *pag. 254*	/	/	
SPO153 *pag. 252*	GHI027 *pag. 256*	/	/	
SPO154 *pag. 253*	GHI028 *pag. 257*	/	/	
SPO155 *pag. 253*	GHI018 *pag. 254*	/	MOL24 *pag. 258*	
SPO155 *pag. 253*	GHI018 *pag. 254*	/	MOL25 *pag. 258*	
SPO156 *pag. 253*	GHI018 *pag. 254*	/	/	
SPO157 *pag. 254*	GHI018 *pag. 254*	/	MOL24 *pag. 258*	
SPO157 *pag. 254*	GHI018 *pag. 254*	/	MOL25 *pag. 258*	

01XB

Spot	Ghiera *Ring*	Supporti *Support*	Molla *Spring*	Esempio assemblato *Assembled example*
SPO138 *pag. 249*	GHI030 *pag. 257*	/	MOL043 *pag. 258*	
SPO139 *pag. 249*	GHI030 *pag. 257*	/	/	
SPO143 *pag. 250*	GHI030 *pag. 257*	/	MOL043 *pag. 258*	
SPO144 *pag. 250*	GHI030 *pag. 257*	/	/	
SPO145 *pag. 250*	GHI030 *pag. 257*	/	MOL043 *pag. 258*	
SPO146 *pag. 251*	GHI030 *pag. 257*	/	/	
SPO147 *pag. 251*	GHI030 *pag. 257*	/	/	

Spot	Ghiera *Ring*	Supporti *Support*	Molla *Spring*	Esempio assemblato *Assembled example*
SPO155 *pag. 253*	GHI030 *pag. 257*	/	MOL24 *pag. 258*	
SPO155 *pag. 253*	GHI030 *pag. 257*	/	MOL25 *pag. 258*	
SPO156 *pag. 253*	GHI030 *pag. 257*	/	/	
SPO157 *pag. 254*	GHI030 *pag. 257*	/	MOL24 *pag. 258*	
SPO157 *pag. 254*	GHI030 *pag. 257*	/	MOL25 *pag. 258*	
SPO159 *pag. 254*	/	/	MOL34 *pag. 258*	
SPO162 *pag. 254*	/	/	/	

Driver LED
LED drivers

Legenda | ***Legend***	
Ingresso tensione costante / *Constant voltage input*	CV in
Uscita tensione costante / *Constant voltage output*	CV out
Uscita corrente costante / *Constant current output*	CC out
Tensione di rete 110~120Vac / *110~120Vac main voltage*	110
Tensione di rete 220~240Vac / *220~240Vac main voltage*	220
Dimmerabile / *Dimmable*	
Per controller RGB / *For RGB controller*	RGB
Grado di protezione IP20 / *IP20 international protection*	IP20
Grado di protezione IP66 / *IP66 international protection*	IP66
Grado di protezione IP67 / *IP67 international protection*	IP67
Protezione Classe II / *Class II protection*	Class II
USB Type-A	USB-A
DC-plug	DC Plug
Connettore 2 poli DIN +/- / *2-pole DIN +/- connector*	DIN +/-
Ordine minimo / *Minimum order*	1

Driver LED / ***LED drivers***	
DC-DC	**277 › 279**
350mA	**280 › 283**
500mA	**284 › 287**
700mA	**288 › 290**
Dimmerabili / *Dimmable*	**291**
Multipower	**292 › 293**
Multipower dimmerabili / *Multipower dimmable*	**294 › 298**
Spina integrata / *Wall mount*	**299**
Waterproof / *Impermeabili*	**300**

Tolleranze | ***Tolerance***

Valori elettrici / *Electrical values* (@25°): ±5~10%
Dimensionali / *Dimensional:* ±0.15/0.5mm
Ø fori / *hole Ø:* ±0.1mm

Driver

Per un buon funzionamento, assicurarsi che il driver utilizzato abbia le caratteristiche tecniche richieste dall'applicazione finale.

For proper operation, make sure that the LED driver has the technical characteristics required by the final application.

Varianti e accessori | ***Variants and accessories***

Da definire in fase d'ordine / *To be chosen when ordering.*

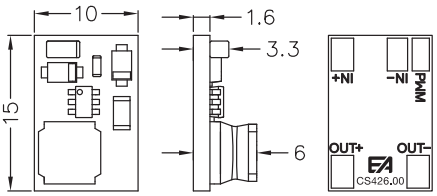
Note | ***Notes***

Durante le fasi di lavorazione è necessario prestare la massima attenzione ed evitare di danneggiare il driver. Collegare il driver all'alimentazione principale solo al termine dell'installazione.

During assembly steps, be careful not to damage the LED driver. Connect the LED driver to the main voltage only after completing installation.

Principali certificazioni | ***Main certifications***	
Conformità CE *CE declaration of conformity*	CE
Marchio TUV *TUV mark*	TÜV
Compatibilità elettromagnetica *Electromagnetic compatibility*	EMC
Marchio UL per Stati Uniti e Canada *UL mark for Canada and the US*	c US c UL US
Approvato dalla Commissione Federale delle Comunicazioni *Federal Communications Commission approved*	FC
Certificazione Cina *China certification*	S&E
Rapporto di conformità riconosciuto dal mercato internazionale *Compliance report recognized from intarnational market*	CB
Conformità ai requisiti di sicurezza giapponesi *Compliance with Japanese safety requirements*	PSE
Conformità per Australia *Australia compliant*	N136
Standard di certificazione per Australia e Nuova Zelanda *Certification standards for Australia and New Zealand*	SAA
Direttiva RCM per Australia e Nuova Zelanda *Australia and New Zealand RCM directive*	
Conformità allo standard DALI *Comply to DALI standard*	DALI
Conformità allo standard DALI-2 *Comply to DALI-2 standard*	DALI 2
Conformità ai requisiti di sicurezza Corea del Sud *Compliance with South Korean safety requirements*	
Trasformatore conforme alla normativa europea per l'utilizzo all'interno di mobili o armadi *Transformer complying with European Regulations suitable for installation in furniture and cabinets*	M M
Infiammabile *Flammable mark*	F
La temperatura di superficie del trasformatore non supera 110°C in condizioni di sovraccarico o cortocircuito *The surface temperature of the transformer will not exceed 110°C in case of overload or short circuit*	110
Trasformatore indipendente *Independent converter*	
Protezione Classe II *Class II protection*	
Trasformatore con isolamento di sicurezza, a prova di cortocircuito *Safety insulation transformer, short-circuit proof*	
Trasformatori in bassissima tensione *Very-low-voltage transformers*	SELV
Conformità UKCA per il Regno Unito *UKCA compliance for the United Kingdom*	UK CA
Certificato RoHS, assenza di sostanze nocive *RoHS certified, absence of harmful substances*	RoHS
Certificazione Elettrica ENEC relativa alle norme europee *ENEC Electrical Certification for European standards*	
Certificazione TUV *TUV certification*	TUV
Conformita EAC per esportazione in unione Euroasiatica *EAC compliant for Eurasian union export*	EAC
Conformita ErP progettazione ecocompatibile *ErP Compliance with ecodesign*	ErP
Conformità BIS per esportazione in India *BIS compliance for export to India*	

DRC426



Input	Output	Max Load	
12V	350mA	10.8V	3.8W
24V		21.6V	7.6W
12V	500mA	10.8V	5.4W
24V		21.6V	10.8W

Dimmable	PWM
PCB	FR4 1.6 mm
t_a	-20°C ~ +40°C
Dimensions	15 x 10 x 6 mm
Approvals	CE

Accessori / *Accessories*
Cavi / *Cables*

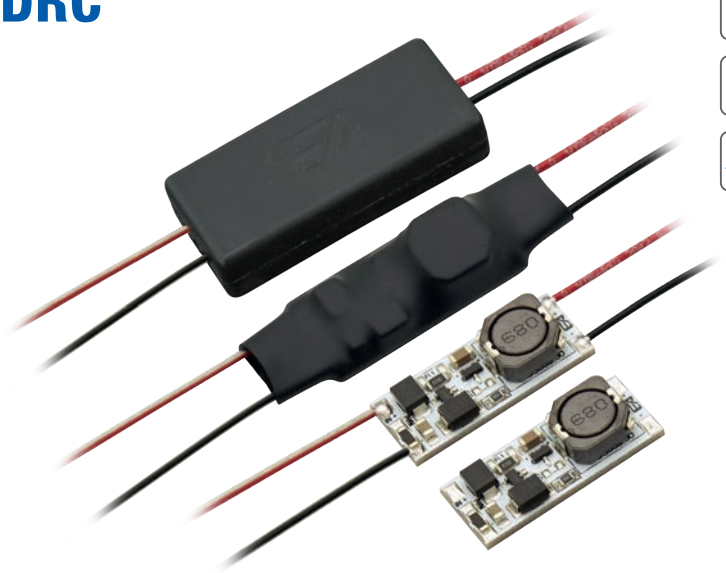
Codice ordine standard / *Standard order code*
Senza cavi / *Without cables*

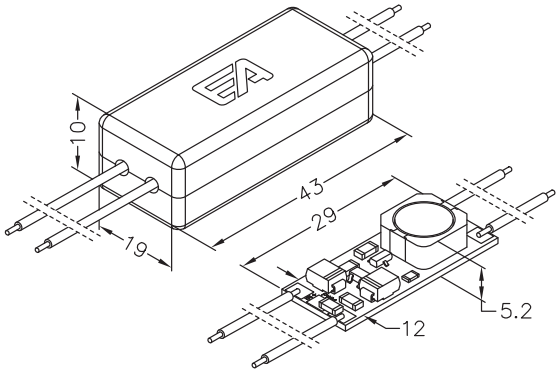
DRC426XXX (1) . XXX (2)

1 Codice fisso / *Fixed code*	2 Uscita / *Output*	350mA	500mA
DRC426XXX		350	500

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRC





Input	Output	Max Load	
12V	350mA	10.8V	3.8W
24V		21.6V	7.6W
12V	500mA	10.8V	5.4W
24V		21.6V	10.8W
12V	700mA	10.8V	7.6W
24V		21.6V	15W

PCB	FR4 1.6 mm	**Dimensions**	43 x 19 x 10 mm
t_a	-20°C ~ +40°C	**Approvals**	CE

Accessori / *Accessories*
Box di protezione, guaina termoretraibile, Cavi
Protection box, heat shrink sheath, cables

Codice ordine standard / *Standard order code*
Assemblato con box di protezione e tipologia cavi da definire
Assembled with protection box and cable type to be chosen

DRC (1) XXXX (2) VA (1) . YYYYY (3)

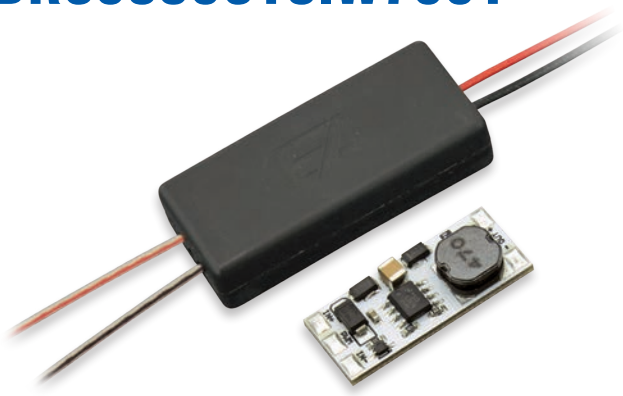
1 Codice fisso / *Fixed code*	DRC _ VA

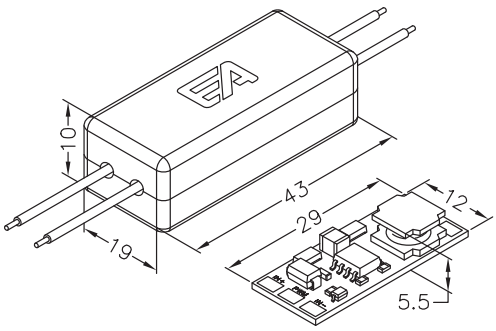
2 Uscita / *Output*	
350mA	0350
500mA	0500
700mA	0700

3 Variante cavo / *Cable variants*
Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRC0350C13.W7001





Input		Output	Max Load	
24V		350mA	21.6V	7.6W
48V			43.2V	15W

PCB	FR4 1.6 mm
t_a	-20°C ~ +40°C
Dimensions	43 x 19 x 10 mm
Approvals	CE

Accessori / *Accessories*
Cavi / *Cables*

Codice ordine standard / *Standard order code*
Con cavi standard / *With standard cables* Teflon-FEP® AWG22 cm 20

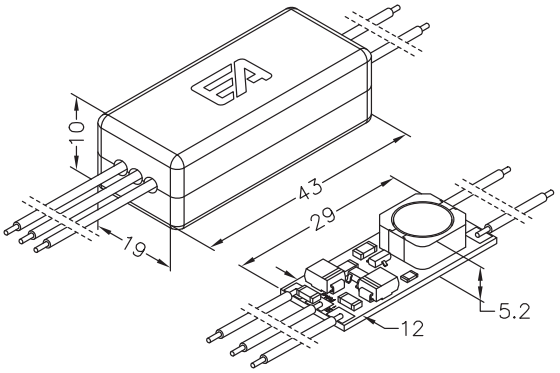
DRC00350C13	.	W7001
❶		❶

❶ **Codice fisso / *Fixed code***

DRC00350C13.W7001

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRD



Input		Output	Max Load	
12V		350mA	10.8V	3.8W
24V			21.6V	7.6W
12V		500mA	10.8V	5.4W
24V			21.6V	10.8W
12V		700mA	10.8V	7.6W
24V			21.6V	15W

PCB	FR4 1.6 mm	Dimensions	43 x 19 x 10 mm
t_a	-20°C ~ +40°C	Approvals	CE

Accessori / *Accessories*
Box di protezione, guaina termoretraibile, Cavi
Protection box, heat shrink sheath, cables

Codice ordine standard / *Standard order code*
Assemblato con box di protezione e tipologia cavi da definire
Assembled with protection box and cable type to be chosen

DRD	XXXX	VA	.	YYYYY
❶	❷	❶		❸

❶ **Codice fisso / *Fixed code*** DRD _ VA

❷ **Uscita / *Output***

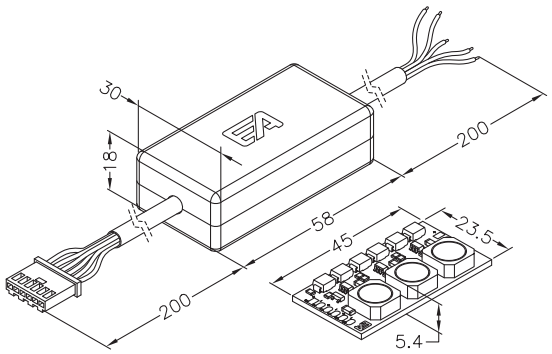
350mA	0350
500mA	0500
700mA	0700

❸ **Variante cavo / *Cable variants***

Da definire in fase d'ordine / *To be chosen when ordering*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRF



Input	Values to single output		
	Output	Max Load	
12V	200mA	10.8V	2.2W
24V		21.6V	4.3W
12V	350mA	10.8V	3.8W
24V		21.6V	7.6W

Dimmable	3 uscite dimmerabili PWM *3 output PWM dimming*
PCB	FR4 1.6 mm
t_a	-20°C ~ +40°C
Dimensions	58 x 30 x 18 mm
Approvals	CE

Accessori / *Accessories*

Cavi / *Cables*

Codice ordine standard / *Standard order code*

Con cavi standard PVC-PVC, sez. 0.25 mm, cm 20, con connettore MODU II

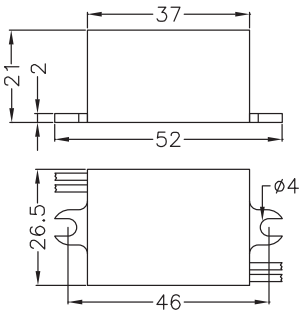
With standard cables PVC-PVC cables, 0.25 mm section, cm 20, with MODU II connector

DRF ❶ | XXXX ❷ | . | J9001 ❶

❶ Codice fisso / *Fixed code*	❷ Uscita / *Output*	200mA	350mA
DRF _ J9001		0200	0350

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0350004.249



Input Vac	Output CC	Output Vdc	Output W
100~240V (50/60Hz)	350mA	3~12V	4W

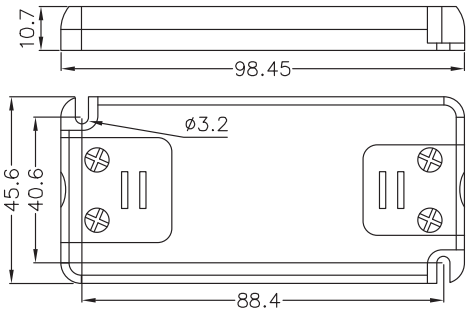
t_c	+85°C
t_a	+50°C
Dimensions	52 x 26.5 x 21 mm

Cavi / *Cables*
PVC-AWG18, cm 18

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0350006.240



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	350mA	0~17.5V	0~6W

t_c	+80°C
t_a	+45°C
Dimensions	98.45 x 45.6 x 10.7 mm

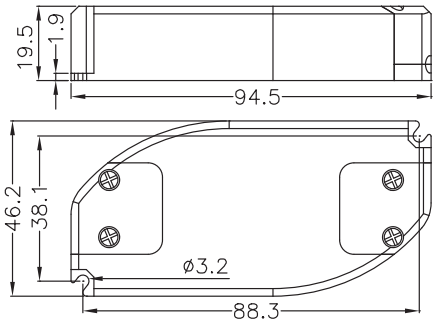
Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Alimentazione secondaria / *Secondary power supply*
Con connessione rapida DC-plug / *With DC-plug fast connection*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0350008.240



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	350mA	12~24V	4.2~8.4W

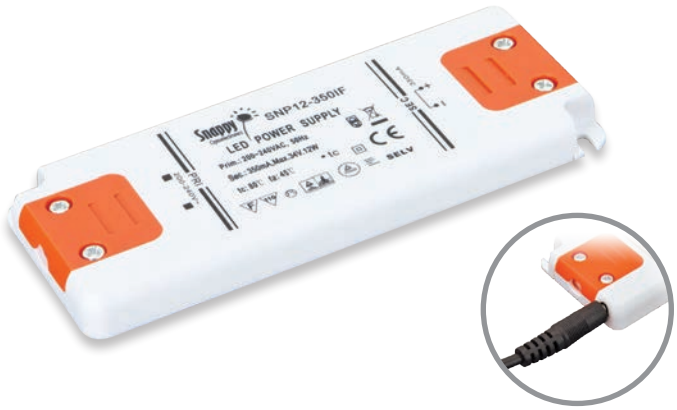
t_c	+75°C
t_a	+45°C
Dimensions	94.5 x 46.2 x 19.5 mm

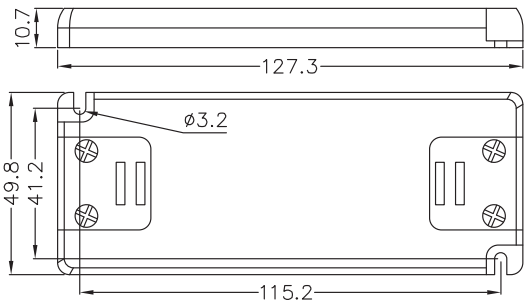
Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0350012.240





Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	350mA	0~34V	0~12W

t_c	+80°C
t_a	+45°C
Dimensions	127.3 x 49.8 x 10.7 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

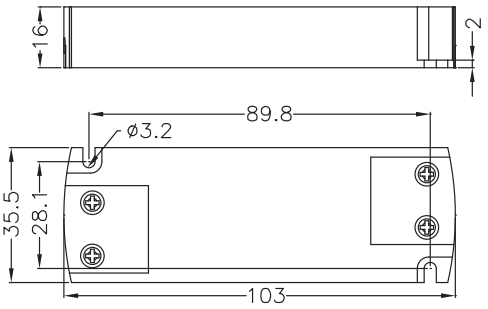
Alimentazione secondaria / *Secondary power supply*
Con connessione rapida DC-plug / *With DC-plug fast connection*

Approvazioni / *Approvals*

SAA

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE15-350IF



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	350mA	21.4~42.8V	15W

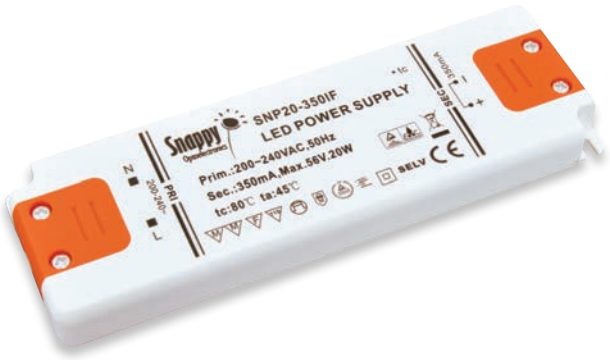
t_c	+80°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

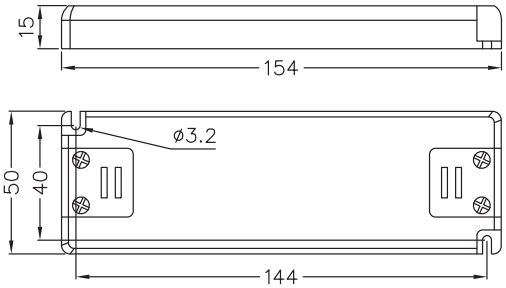
Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0350020.240





Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	350mA	32~56V	11~19.6W

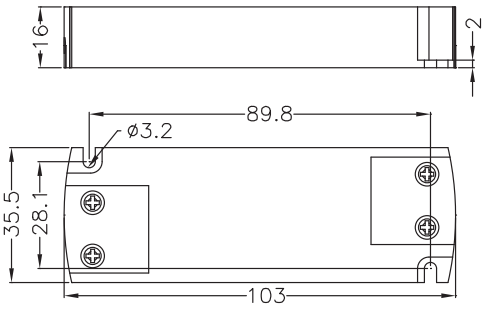
t_c	+80°C
t_a	+45°C
Dimensions	154 x 50 x 15 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*
SAA

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE20-350IF



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	350mA	28.6~57.2V	20W

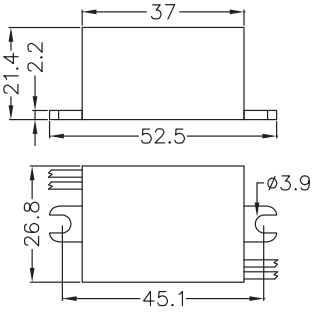
t_c	+85°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0500004.249



Input Vac	CC	Output Vdc	W
100~240V (50/60Hz)	500mA	3~9.5V	1.5~4W

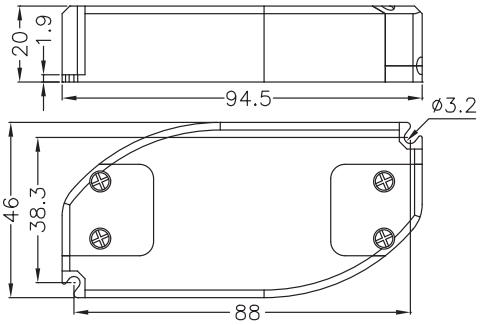
t_c	+85°C
t_a	+50°C
Dimensions	52.5 x 26.8 x 21.4 mm

Cavi / *Cables*
AWG18-UL1007, cm 17

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0500008.240



Input Vac	CC	Output Vdc	W
200~240V (50/60Hz)	500mA	8~16V	4~8W

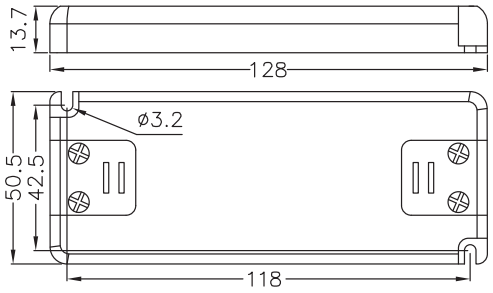
t_c	+75°C
t_a	+45°C
Dimensions	94.5 x 46 x 20 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0500015.220



Input Vac	CC	Output Vdc	W
200~240V (50/60Hz)	500mA	20~30V	10~15W

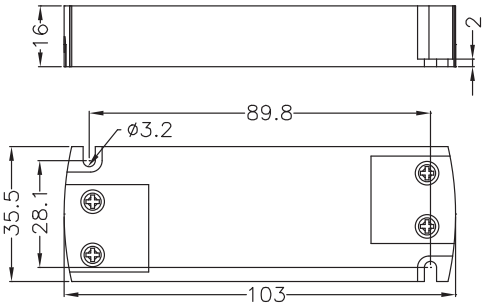
t_c	+80°C
t_a	+45°C
Dimensions	128 x 50.5 x 13.7 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE15-500IF



Input Vac	CC	Output Vdc	W
200~240V (50/60Hz)	500mA	15~30V	15W

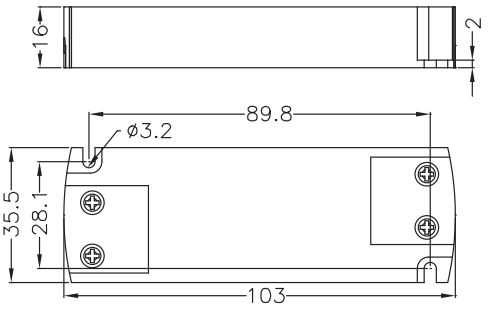
t_c	+80°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE20-500IF



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	500mA	20~40V	20W

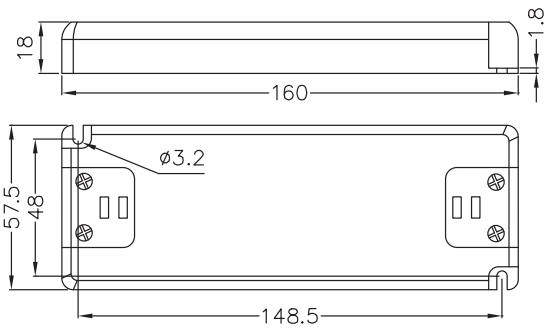
t_c	+85°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0500030.240



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	500mA	30~60V	15~30W

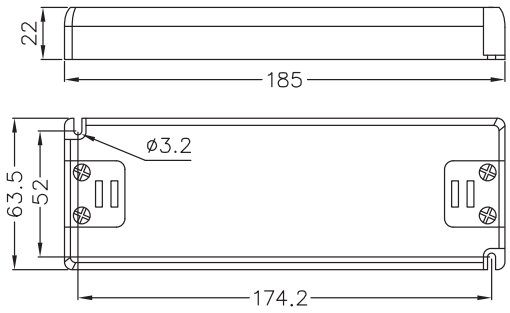
t_c	+85°C
t_a	+45°C
Dimensions	160 x 57.5 x 18 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0500050.240



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	500mA	50~100V	25~50W

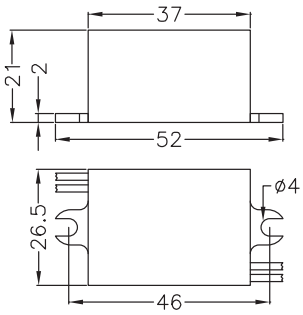
t_c	+80°C
t_a	+45°C
Dimensions	185 x 63.5 x 22 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***
SELV SAA

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0700003.050



Input Vac	CC	Output Vdc	W
100~240V (50Hz)	700mA	0.5~4V	0.3~2.8W

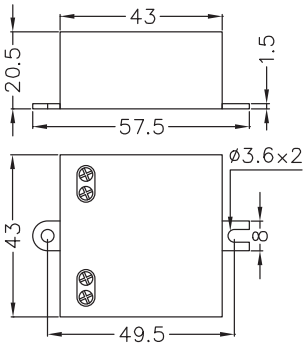
t_c	+75°C
t_a	+50°C
Dimensions	52 x 26.5 x 21 mm

Cavi / ***Cables***
PVC-AWG22, cm 20

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0700006.171



Input Vac	CC	Output Vdc	W
200~240V (50/60Hz)	700mA	4~9V	2.8~6.3W

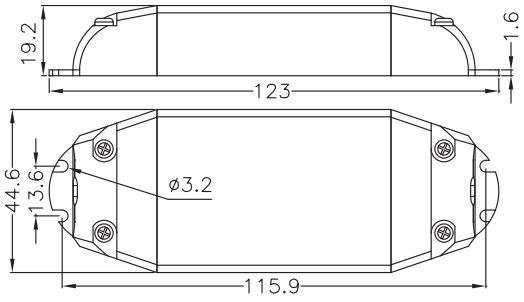
t_c	+85°C
t_a	+50°C
Dimensions	57.5 x 43 x 20.5 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0700015.240



Input Vac	Output CC	Output Vdc	Output W
200~240V (50Hz)	700mA	15~21V	10.5~15W

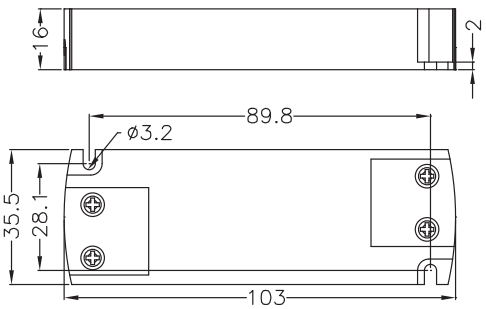
t_c	+80°C
t_a	+45°C
Dimensions	123 x 44.6 x 19.2 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***
SELV SAA

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE15-700IF



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	700mA	10.7~21.4V	15W

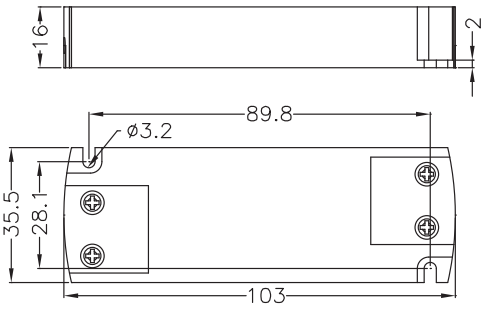
t_c	+80°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***
SELV

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE20-700IF



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	700mA	14.3~28.6V	20W

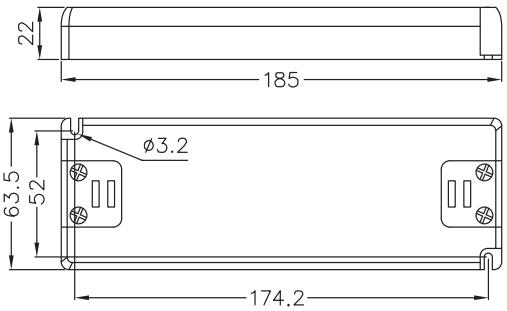
t_c	+85°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRN0700050.240



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	700mA	36~72V	25~50W

t_c	+80°C
t_a	+45°C
Dimensions	185 x 63.5 x 22 mm

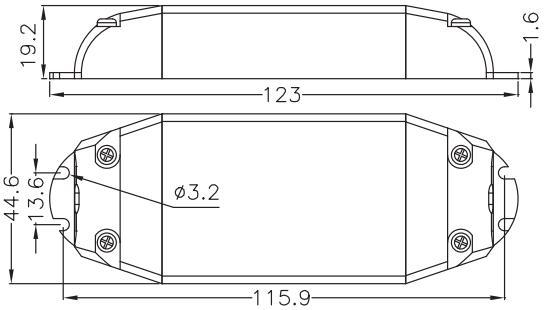
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRD0450010.220

PHASE CUT



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	450mA	13.4~22V	6~10W

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

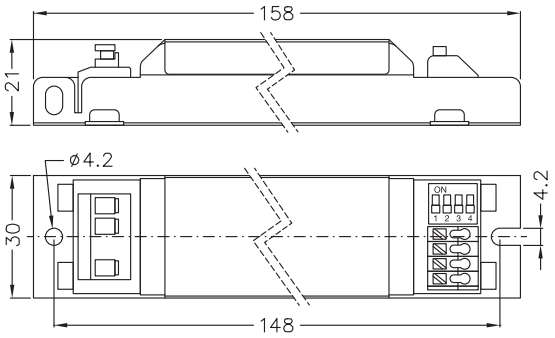
Approvazioni / ***Approvals***

SELV SAA

Dimmable	TRIAC/IGBT
Dimming range	15~95%
Power Factor (PF)	≥0.85
t_c	+80°C
t_a	+40°C
Dimensions	123 x 44.6 x 19.2 mm

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BK.BAN022.A0400AS



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	200~400mA	39~72V	14.4~22.8W

t_c	+90°C
t_a	+60°C
Dimensions	158 x 30 x 21 mm

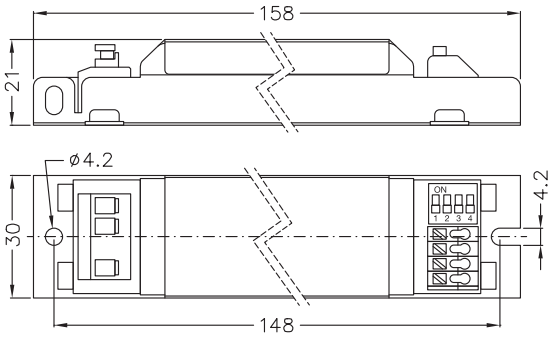
Fissaggio cavi / ***Cable fixing***
Morsetti a pressione / *Clamps*

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BK.BAN040.A0400AS



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	200~400mA	54~114V	22.8~40W

t_c	+90°C
t_a	+60°C
Dimensions	158 x 30 x 21 mm

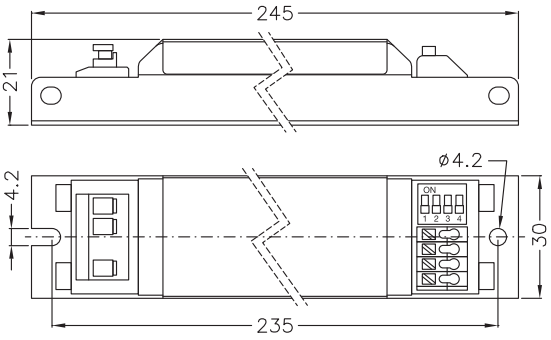
Fissaggio cavi / ***Cable fixing***
Morsetti a pressione / *Clamps*

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BK.BAN075.A0400AS



Input Vac	Output		
	CC	Vdc	W
200~240V (50/60Hz)	200~400mA	100~200V	40~75.2W

t_c	+90°C
t_a	+60°C
Dimensions	245 x 30 x 21 mm

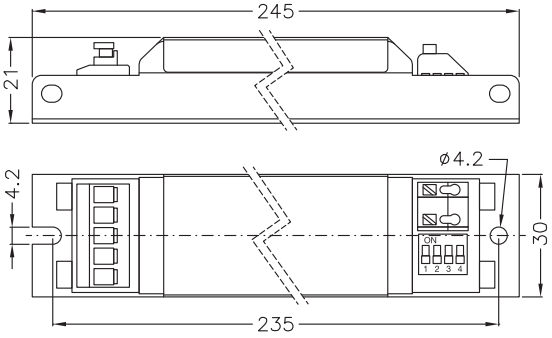
Fissaggio cavi / ***Cable fixing***
Morsetti a pressione / *Clamps*

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BK.DEN075.A0450AD



Input Vac	Output CC	Output Vdc	W
200~240V (50/60Hz)	100~450mA	54~200V	20~76.5W

Dimmable	DALI-2, pushDIM
Dimming range	≥0.95
Power Factor (PF)	≥0.95
t_c	+90°C
t_a	+60°C
Dimensions	245 x 30 x 21 mm

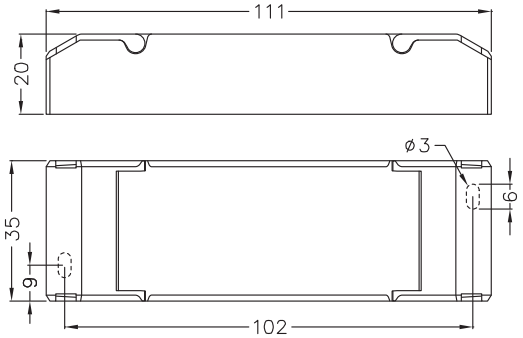
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE-9-350-700-G1T



Input Vac	Output CC	Output Vdc	W
200~240V (50/60Hz)	350~700mA	2~12V	0.7~8.4W

Dimmable	TRIAC
Dimming range	0~100%
Power Factor (PF)	≥0.9
t_c	+90°C
t_a	+45°C
Dimensions	111 x 35 x 20 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

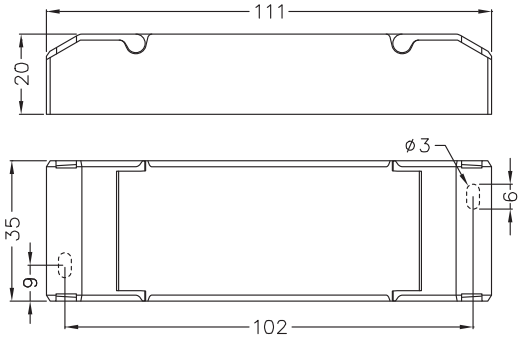
Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE-15-350-700-G1T

PHASE CUT

220 ~ | CC out | - + | IP20 | 1



Input Vac	CC	Output Vdc	W
200~240V (50/60Hz)	350~700mA	9~42V	3.5~15W

Dimmable	TRIAC
Dimming range	0~100%
Power Factor (PF)	≥0.9
t_c	+90°C
t_a	+60°C
Dimensions	111 x 35 x 20 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

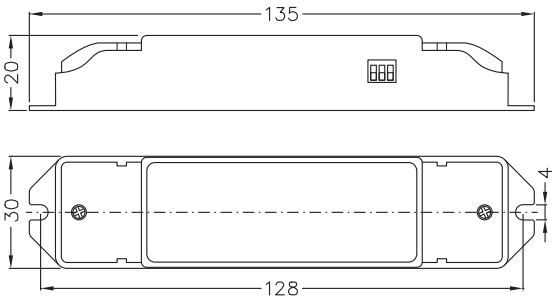
RoHS SELV Class 2

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE-10-350-700-W1D

DALI

110 ~ | 220 ~ | CC out | - + | IP20 | 1



Input Vac	CC	Output Vdc	W
100~240V (50/60Hz)	350~700mA	2~12V	0.7~8.4W

Dimmable	DALI
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+75°C
t_a	+50°C
Dimensions	135 x 30 x 20 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

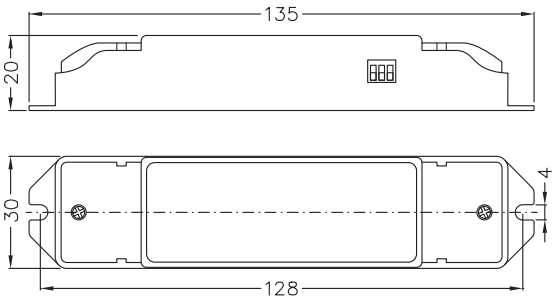
Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

DALI CB SELV RoHS Class 2

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE-12-350-700-W1D



Input Vac	Output CC	Output Vdc	W
100~240V (50/60Hz)	350~700mA	10~24V	3.5~12W

Dimmable	DALI
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+75°C
t_a	+50°C
Dimensions	135 x 30 x 20 mm

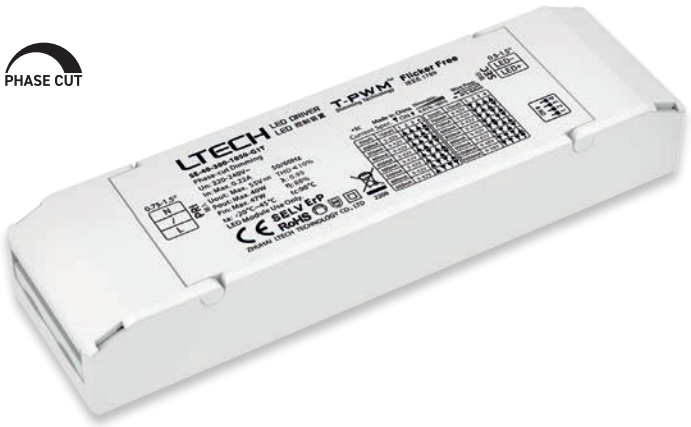
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

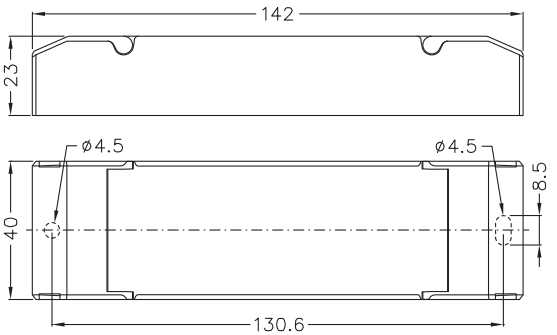
Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE-40-300-1050-G1T





Input Vac	Output CC	Output Vdc	W
200~240V (50/60Hz)	300~1050mA	9~42V	2.7~40W

Dimmable	DALI
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+90°C
t_a	+45°C
Dimensions	142 x 40 x 23 mm

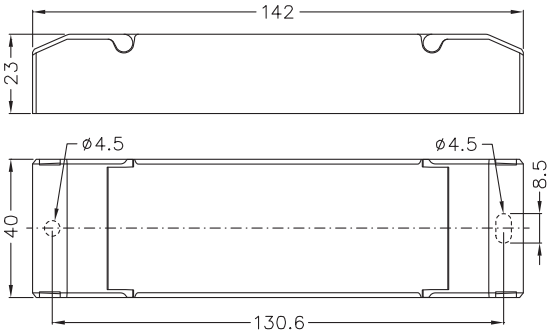
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE-40-300-1050-W1D



Input Vac	Output CC	Output Vdc	W
200~240V (50/60Hz)	300~1050mA	9~42V	2.7~40W

Dimmable	DALI-2
Dimming range	0~100%
Power Factor (PF)	≥0.9
t_c	+90°C
t_a	+45°C
Dimensions	142 x 40 x 23 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

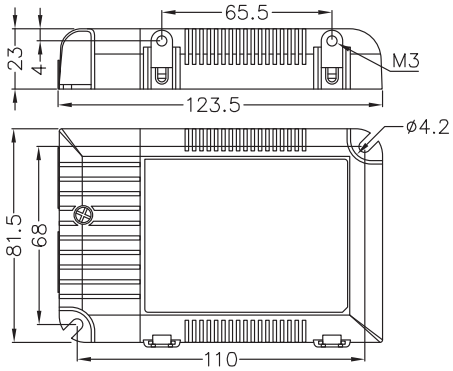
Uscita multipla selezionabile mediante programmatore NFC o App
Multiple output selectable by NFC programmer or App

Approvazioni / ***Approvals***

Class 2 ErP

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRM1050040



Input Vac	Output CC	Output Vdc range	W
180~295V (47/63Hz)	350mA	2~100V	max 42W
	500mA	2~80V	
	600mA	2~67V	
	700mA	2~57V	
	900mA	2~45V	
	1050mA	2~40V	

Dimmable	**DRM1050040.220:** DALI + pushDIM **DRM1050040.221:** 0~10V - PWM
Master/slave function	1 Master - 9 Slave
Dimming range	6~100%
Power Factor (PF)	≥0.975
t_c	+90°C
t_a	+60°C
Dimensions	123.5 x 81.5 x 23 mm

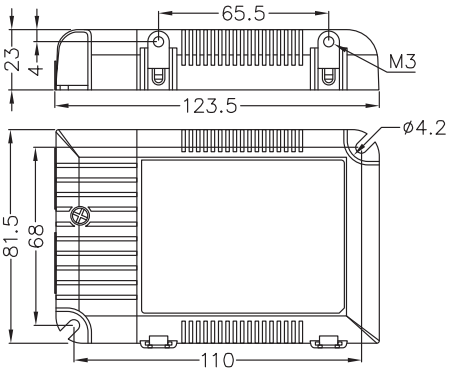
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Uscita regolabile tramite dip-switch / *Output setting adjustable by dip-switch*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRM1400060



Input Vac	Output CC	Output Vdc range	W
180~295V (47/63Hz)	500mA	2~90V	max 60.3W
	600mA	2~90V	
	700mA	2~86V	
	900mA	2~67V	
	1050mA	2~57V	
	1400mA	2~42V	

Dimmable	**DRM1400060.220:** DALI + pushDIM **DRM1400060.221:** 0~10V - PWM
Master/slave function	1 Master - 9 Slave
Dimming range	6~100%
Power Factor (PF)	≥0.975
t_c	+90°C
t_a	+60°C
Dimensions	123.5 x 81.5 x 23 mm

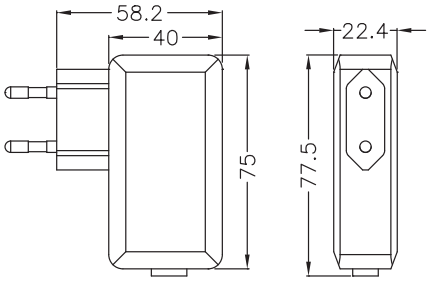
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Uscita regolabile tramite dip-switch / *Output setting adjustable by dip-switch*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRS0500012.240



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	500mA	12~24V	6~12W

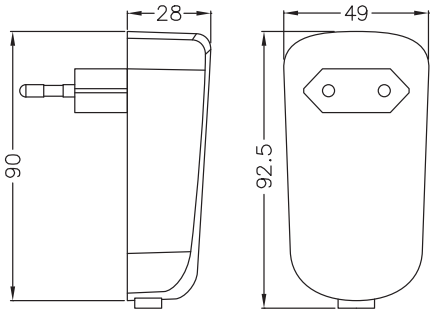
t_c	+75°C
t_a	+40°C
Dimensions	77.5 x 58.2 x 22.4 mm
Colour	Nero / *Black*

Fissaggio cavi / *Cable fixing*
Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DRS0700009



Input Vac	Output CC	Output Vdc	Output W
200~240V (50/60Hz)	700mA	3~15V	3~9W

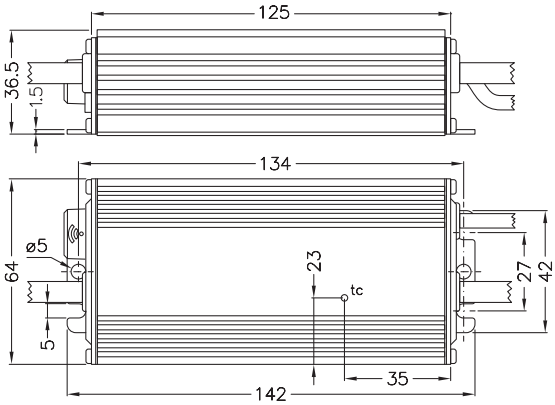
t_c	+80°C
t_a	+45°C
Dimensions	92.5 x 49 x 28 mm
Colour	**DRS0700009.170:** Trasparente / *Transparent* **DRS0700009.171:** Nero / *Black*

Fissaggio cavi / *Cable fixing*
Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

IN-EUM-075S150EE



Input Vac	Output CC	Output Vdc	Output W
100~277V (50/60Hz)	105~1500mA	25~72V	48~75W

Dimmable	DALI-2
Dimming range	10~100%
Power Factor (PF)	≥0.96
t_c	+90°C
t_a	+65°C
Dimensions	142 x 64 x 36.5

Cavi / *Cables*
IN/OUT

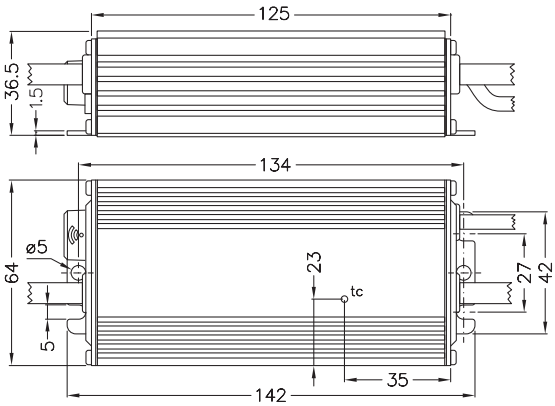
Uscita multipla selezionabile mediante programmatore NFC o App
Multiple output selectable by NFC programmer or App

Approvazioni / *Approvals*

IP66 IP67

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

IN-EUM-075S210EE



Input Vac	Output CC	Output Vdc	Output W
100~277V (50/60Hz)	140~2100mA	18~54V	48~75W

Dimmable	DALI-2
Dimming range	10~100%
Power Factor (PF)	≥0.96
t_c	+90°C
t_a	+65°C
Dimensions	142 x 64 x 36.5

Cavi / *Cables*
IN/OUT

Uscita multipla selezionabile mediante programmatore NFC o App
Multiple output selectable by NFC programmer or App

Approvazioni / *Approvals*

IP66 IP67

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Alimentatori LED
LED power supplies

Legenda	***Legend***	
Ingresso tensione costante / *Constant voltage input*	CV in
Uscita tensione costante / *Constant voltage output*	CV out
Uscita corrente costante / *Constant current output*	CC out
Tensione di rete 110~120Vac / *110~120Vac main voltage*	110
Tensione di rete 220~240Vac / *220~240Vac main voltage*	220
Dimmerabile / *Dimmable*	- +
Per controller RGB / *For RGB controller*	RGB
Grado di protezione IP44 / *IP44 international protection*	IP44
Grado di protezione IP65 / *IP65 international protection*	IP65
Grado di protezione IP66 / *IP66 international protection*	IP66
Grado di protezione IP67 / *IP67 international protection*	IP67
Protezione Classe II / *Class II protection*	Class II
USB Type-A	USB-A
DC-plug	DC Plug
Connettore 2 poli DIN +/- / *2-pole DIN +/- connector*	DIN +/-
Ordine minimo / *Minimum order*	1

Alimentatori LED / ***LED power supplies***	
12Vdc	**303 › 308**
24Vdc	**309 › 319**
Dimmerabili / *Dimmable*	**320 › 324**
Spina integrata / *Wall mount*	**325 › 327**
Waterproof / *Impermeabili*	**328 › 329**

Tolleranze | ***Tolerance***

Valori elettrici / *Electrical values* (@25°): ±5~10%
Dimensionali / *Dimensional:* ±0.15/0.5mm
Ø fori / *hole Ø:* ±0.1mm

Alimentatore | ***LED power supply***

Per un buon funzionamento, assicurarsi che l'alimentatore utilizzato abbia le caratteristiche tecniche richieste dall'applicazione finale.

For proper operation, make sure that the power supply has the technical characteristics required by the final application.

Varianti e accessori | ***Variants and accessories***

Da definire in fase d'ordine / *To be chosen when ordering.*

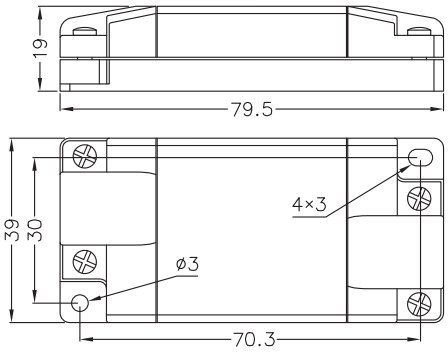
Note | ***Notes***

Durante le fasi di lavorazione è necessario prestare la massima attenzione ed evitare di danneggiare l'alimentatore. Collegare l'alimentatore all'alimentazione principale solo al termine dell'installazione.

During assembly steps, be careful not to damage the power supply. Connect the power supply to the main voltage only after completing installation.

Principali certificazioni	***Main certifications***
Conformità CE *CE declaration of conformity*	CE
Marchio TUV *TUV mark*	TÜV
Compatibilità elettromagnetica *Electromagnetic compatibility*	EMC
Marchio UL per Stati Uniti e Canada *UL mark for Canada and the US*	c US c UL US
Approvato dalla Commissione Federale delle Comunicazioni *Federal Communications Commission approved*	FC
Certificazione Cina *China certification*	CCC
Rapporto di conformità riconosciuto dal mercato internazionale *Compliance report recognized from intarnational market*	CB
Conformità ai requisiti di sicurezza giapponesi *Compliance with Japanese safety requirements*	PSE
Conformità per Australia *Australia compliant*	N136
Standard di certificazione per Australia e Nuova Zelanda *Certification standards for Australia and New Zealand*	SAA
Direttiva RCM per Australia e Nuova Zelanda *Australia and New Zealand RCM directive*	
Conformità allo standard DALI *Comply to DALI standard*	DALI
Conformità allo standard DALI-2 *Comply to DALI-2 standard*	DALI 2
Conformità ai requisiti di sicurezza Corea del Sud *Compliance with South Korean safety requirements*	
Trasformatore conforme alla normativa europea per l'utilizzo all'interno di mobili o armadi *Transformer complying with European Regulations suitable for installation in furniture and cabinets*	M M
Infiammabile *Flammable mark*	F
La temperatura di superficie del trasformatore non supera 110°C in condizioni di sovraccarico o cortocircuito *The surface temperature of the transformer will not exceed 110°C in case of overload or short circuit*	110
Trasformatore indipendente *Independent converter*	
Protezione Classe II *Class II protection*	
Trasformatore con isolamento di sicurezza, a prova di cortocircuito *Safety insulation transformer, short-circuit proof*	
Trasformatori in bassissima tensione *Very-low-voltage transformers*	SELV
Conformità UKCA per il Regno Unito *UKCA compliance for the United Kingdom*	UK CA
Certificato RoHS, assenza di sostanze nocive *RoHS certified, absence of harmful substances*	RoHS
Certificazione Elettrica ENEC relativa alle norme europee *ENEC Electrical Certification for European standards*	
Certificazione TUV *TUV certification*	TUV
Conformita EAC per esportazione in unione Euroasiatica *EAC compliant for Eurasian union export*	EAC
Conformita ErP progettazione ecocompatibile *ErP Compliance with ecodesign*	ErP
Conformità BIS per esportazione in India *BIS compliance for export to India*	

ALN012008.380



Input Vac	Output		
	Vdc	CC	W
110~240V (50/60Hz)	12V / 6~12V	652mA / 700mA	7.5W / 8.4W

t_c	+80°C
t_a	+45°C
Dimensions	79.5 x 39 x 19 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

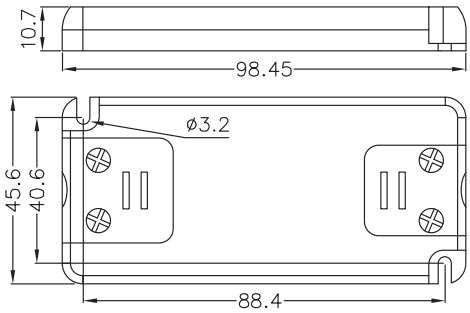
In base al tipo di carico, l'alimentatore gestisce autonomamente carichi in tensione costante 12Vdc o in corrente costante a 700mA.

Depending on the type of load, the power supply autonomously manages loads in constant voltage 12Vdc or in constant current at 700mA.

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012012.241



Input Vac	Output		
	Vdc	CC	W
200~240V (50/60Hz)	12V	1A	12W

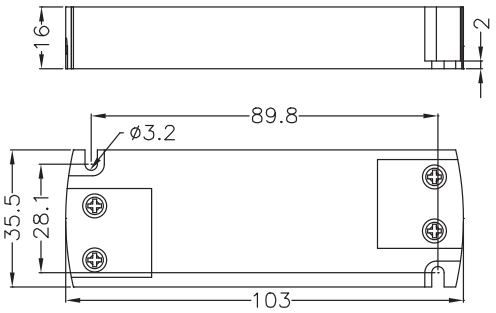
t_c	+80°C
t_a	+45°C
Dimensions	98.45 x 45.6 x 10.7 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012015.241



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	12V	1.25A	15W

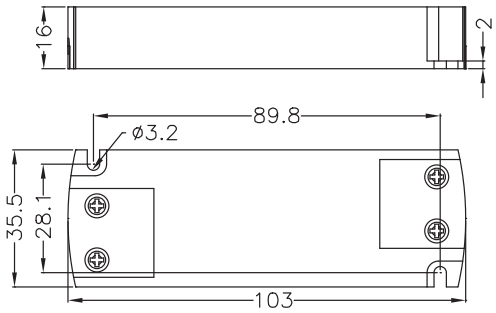
t_c	+80°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012020.242



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	12V	1.67A	20W

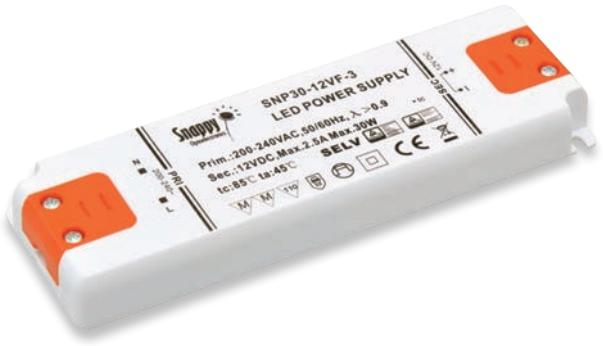
t_c	+85°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

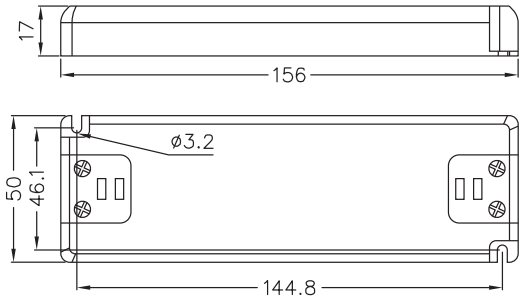
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012030.240





Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	12V	2.5A	30W

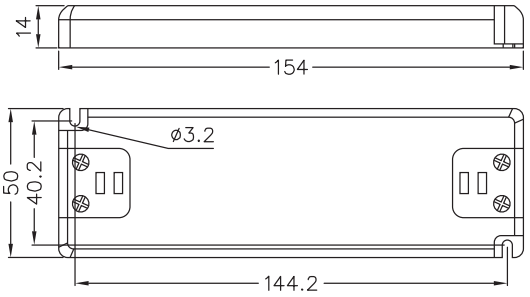
t_c	+80°C
t_a	+45°C
Dimensions	156 x 50 x 17 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS30-12VF



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	12V	2.5A	30W

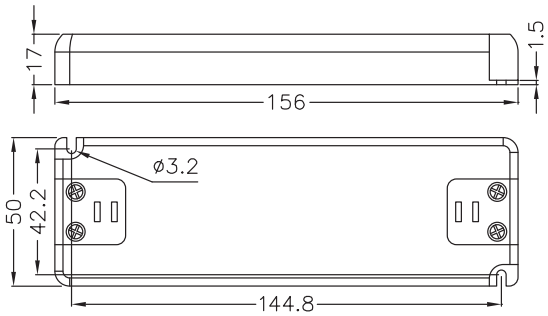
t_c	+85°C
t_a	+45°C
Dimensions	154 x 50 x 14 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012030.245



Input Vac	Output Vdc	Output CC	Output W
100~120V (50/60Hz)	12V	2.5A	30W

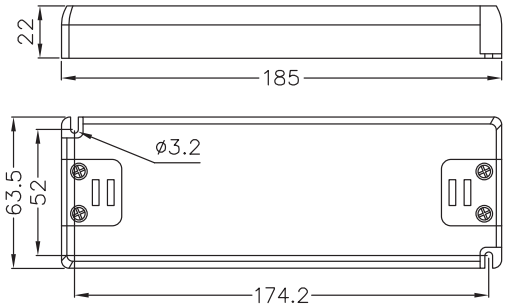
t_c	+80°C
t_a	+45°C
Dimensions	156 x 50 x 17 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012050.240



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	12V	4.2A	50W

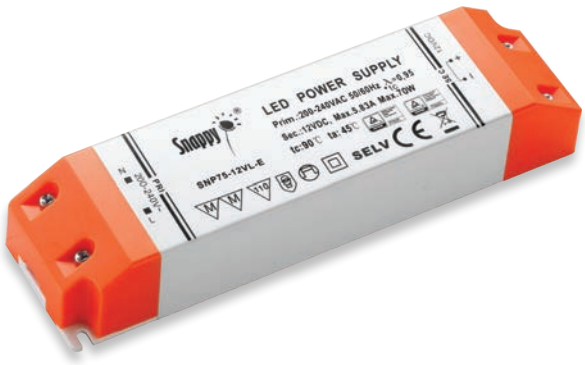
t_c	+80°C
t_a	+45°C
Dimensions	185 x 63.5 x 22 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012075.242

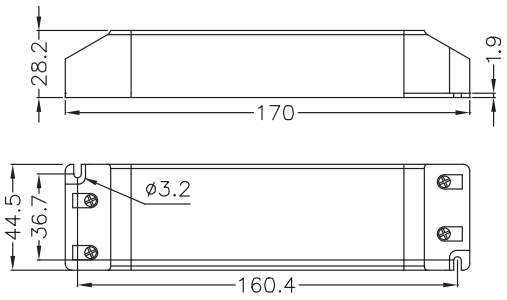


220 ~

CV out

Class II

1



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	12V	5.83A	70W

t_c	+80°C
t_a	+45°C
Dimensions	170 x 44.5 x 28.2 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012075.246

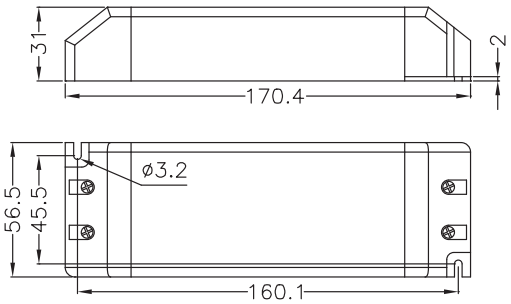
110 ~

220 ~

CV out

Class II

1



Input Vac	Output Vdc	Output CC	Output W
100~240V (50/60Hz)	12V	6.25A	75W

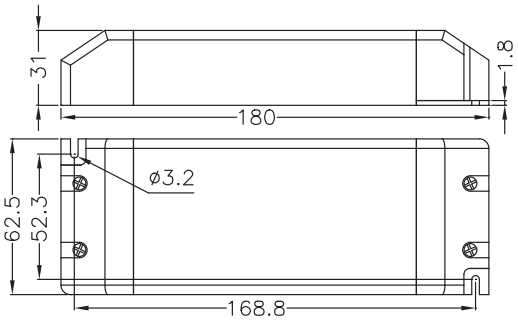
t_c	+80°C
t_a	+45°C
Dimensions	170.4 x 56.5 x 31 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN012100.243



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	12V	8.33A	100W

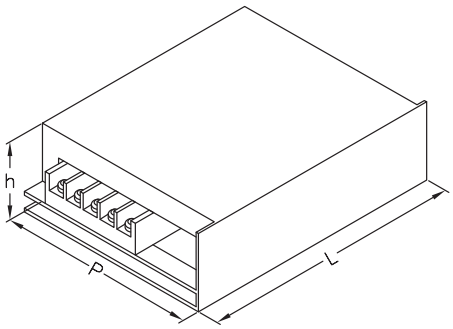
t_c	+80°C
t_a	+45°C
Dimensions	180 x 62.5 x 31 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALG012



Codice *Code*	Input voltage (Vac)	Output Vdc	Output CC	Output W	Dimensioni *Dimensions* L x P x h
ALG012015.220	88~264V (47/63Hz)	12V	1.25A	15W	75 x 51 x 28
ALG012025.220			2.1A	25W	78 x 51 x 28
ALG012035.220			3A	35W	99 x 82 x 35
ALG012050.220			4.2A	50W	99 x 97 x 36
ALG012072.220			6A	72W	99 x 97 x 30
ALG012150.220			12.5A	150W	199 x 98 x 38
ALG012200.220			16.5A	200W	210 x 98 x 50

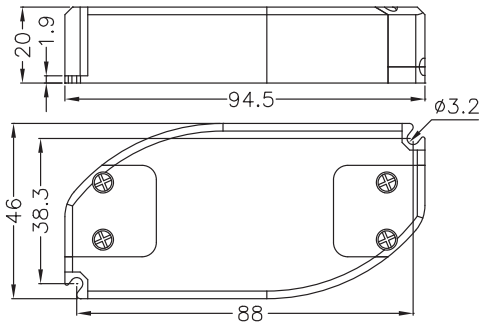
t_c	+70°C
t_a	+25°C
Dimensions	/

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024008.240



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	330mA	8W

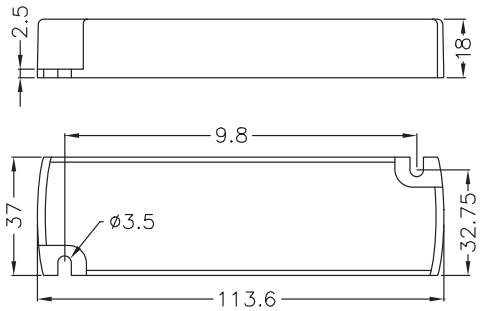
t_c	+75°C
t_a	+45°C
Dimensions	94.5 x 46 x 20 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SE15-24VFP



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	625mA	15W

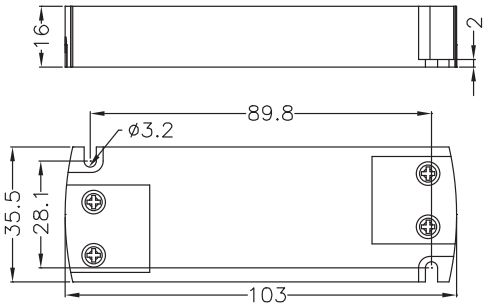
t_c	+80°C
t_a	+45°C
Dimensions	113.6 x 37 x 18 mm

Cavi / *Cables*
IN/OUT cm 20

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024020.242



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	830mA	20W

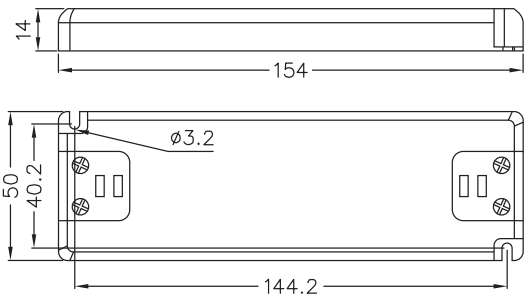
t_c	+85°C
t_a	+45°C
Dimensions	103 x 35.5 x 16 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS30-24VF



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	1.25A	30W

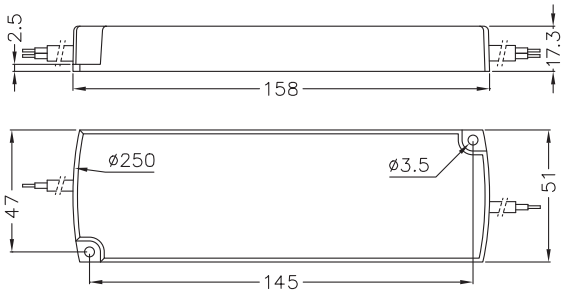
t_c	+85°C
t_a	+45°C
Dimensions	154 x 50 x 14 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS30-24VFP



Input Vac	Output Vdc	Output CC	Output W
200~240 (50/60Hz)	24V	1.25A	30W

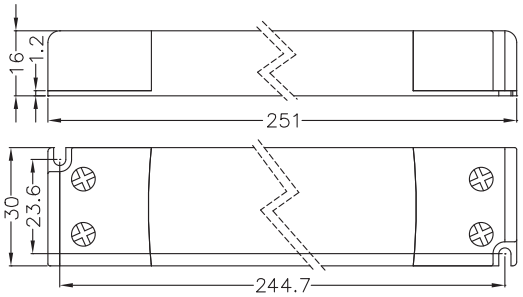
t_c	+85°C
t_a	+45°C
Dimensions	158 x 51 x 17.3 mm

Cavi / *Cables*
IN/OUT cm 15

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024030.242



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	1.25A	30W

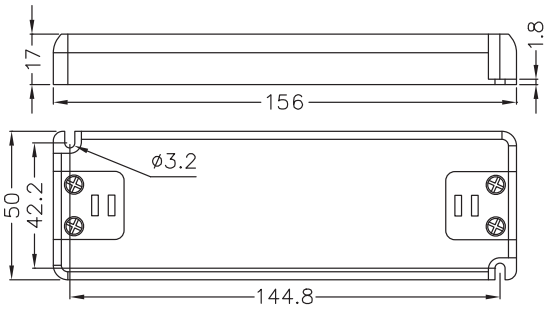
t_c	+80°C
t_a	+40°C
Dimensions	251 x 30 x 16 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024040.245



Input Vac	Output Vdc	Output CC	Output W
100~240V 50/60Hz)	24V	1.67A	40W

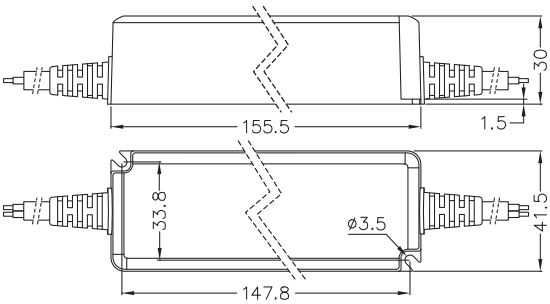
t_c	+85°C
t_a	+45°C
Dimensions	156 x 50 x 17 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024040.246



Input Vac	Output Vdc	Output CC	Output W
100~277V (60Hz)	24V	1.67A	40W

t_c	+80°C
t_a	+50°C
Dimensions	155.5 x 41.5 x 30 mm

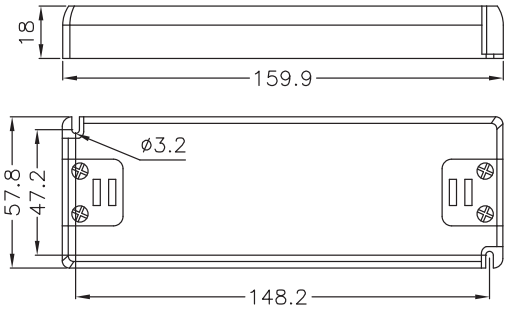
Fissaggio cavi / ***Cable fixing***
Cavi IN/OUT da cm 30
IN/OUT cables (cm 30)

Approvazioni / ***Approvals***

SAA

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS50-24VF



Input Vac	Output Vdc	Output CC	Output W
220~240V (50/60Hz)	24V	2.08A	50W

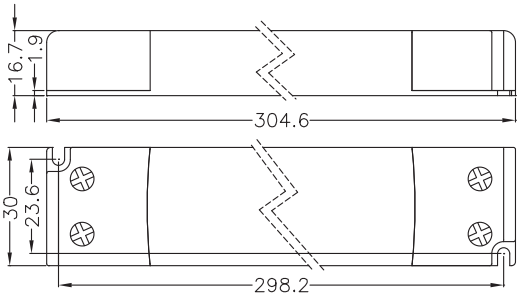
t_c	+80°C
t_a	+45°C
Dimensions	159.9 x 57.8 x 18 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024060.242



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	2.5A	60W

t_c	+90°C
t_a	+45°C
Dimensions	304.6 x 30 x 16.7 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024060.245

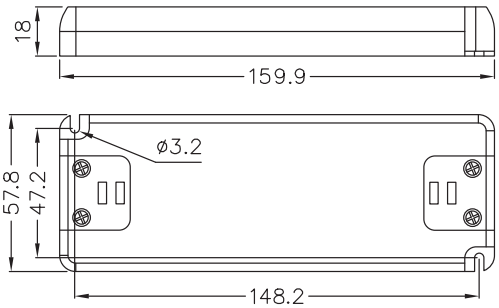
110~

220~

CV out

Class II

1



Input Vac	Output Vdc	Output CC	Output W
100~240V (50/60Hz)	24V	2.5A	60W

t_c	+90°C
t_a	+45°C
Dimensions	159.9 x 57.8 x 18 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS60-24VFP

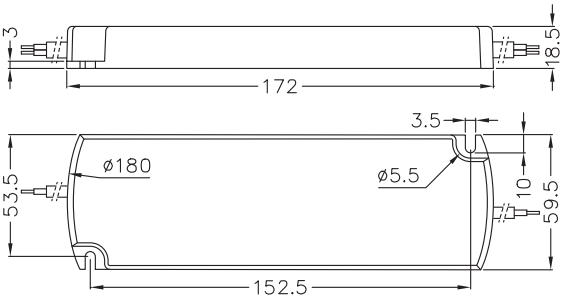
220~

CV out

Class II

IP44

1



Input Vac	Output Vdc	Output CC	Output W
200~240 (50/60Hz)	24V	2.5A	60W

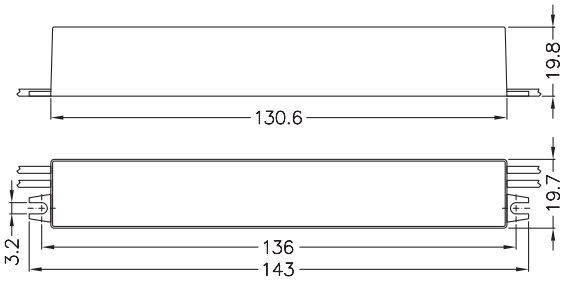
t_c	+85°C
t_a	+45°C
Dimensions	172 x 59.5 x 18.5 mm

Cavi / ***Cables***
IN/OUT cm 60

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SN60-24VLW



Input Vac	Output Vdc	Output CC	Output W
200~277V (50/60Hz)	24V	2.5A	60W

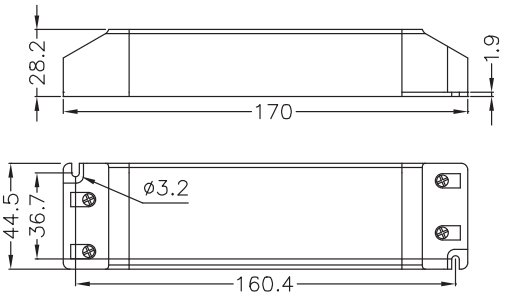
t_c	+90°C
t_a	+45°C
Dimensions	143 x 19.7 x 19.8 mm

Cavi / ***Cables***
IN/OUT AWG18

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS75-24VL



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	3.13A	75W

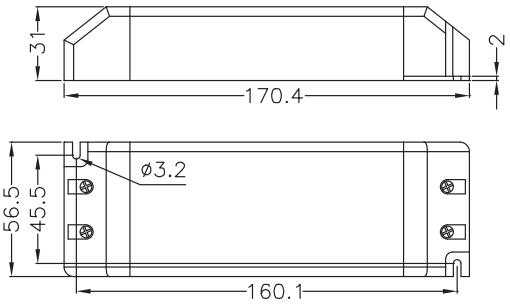
t_c	+85°C
t_a	+45°C
Dimensions	170 x 44.5 x 28.2 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024075.246



Input Vac	Output Vdc	Output CC	Output W
100~240V (50/60Hz)	24V	3.13A	75W

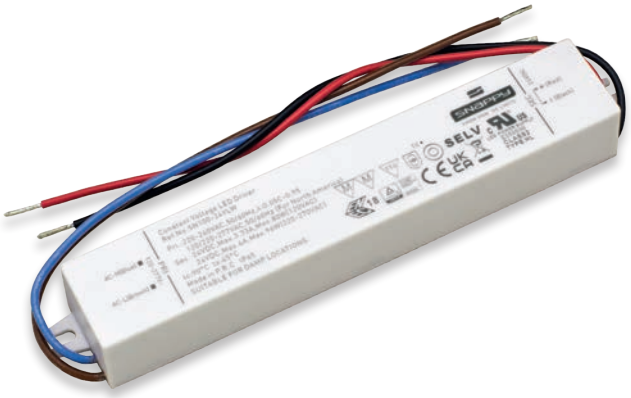
t_c	+80°C
t_a	+45°C
Dimensions	170.4 x 56.5 x 31 mm

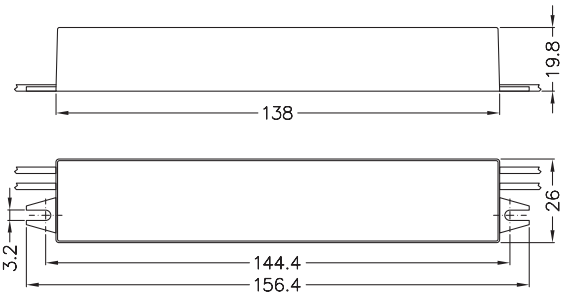
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SN100-24VLW





Input Vac	Output Vdc	Output CC	Output W
200~277V (50/60Hz)	24V	4A	96W

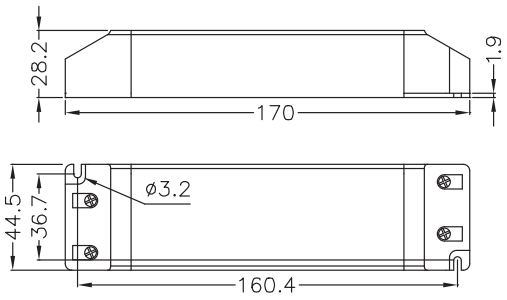
t_c	+90°C
t_a	+45°C
Dimensions	156.4 x 26 x 19.8 mm

Cavi / ***Cables***
IN/OUT AWG18

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS100-24VL



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	4.17A	100W

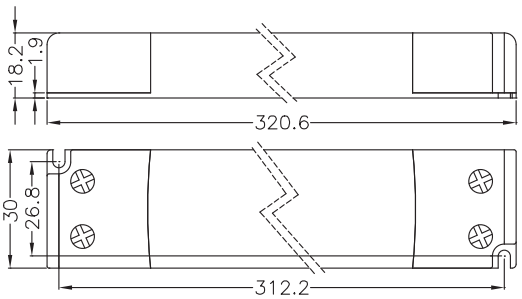
t_c	+85°C
t_a	+45°C
Dimensions	170 x 44.5 x 28.2 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024100.242



Input Vac	Output Vdc	Output CC	Output W
220~240V (50/60Hz)	24V	4.17A	100W

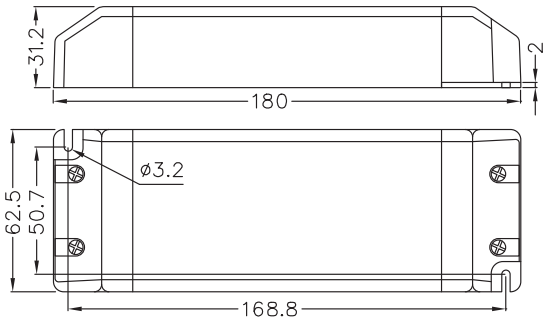
t_c	+90°C
t_a	+45°C
Dimensions	320.6 x 30 x 18.2 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SS150-24VL



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	6.25A	150W

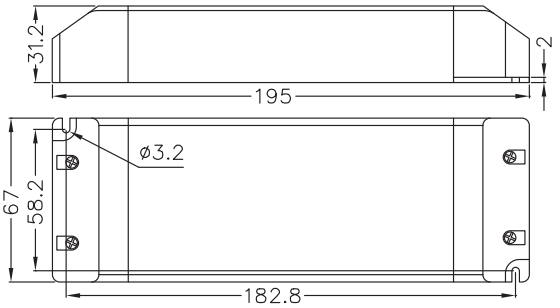
t_c	+90°C
t_a	+45°C
Dimensions	180 x 62.5 x 31.2 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SNP200-24VL-1



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	8.33A	200W

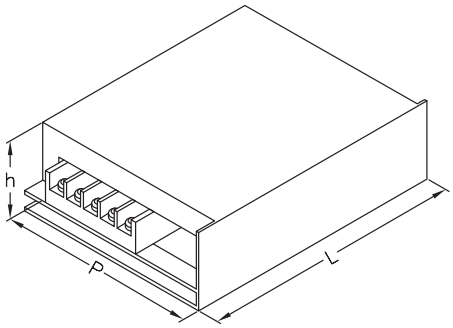
t_c	+90°C
t_a	+45°C
Dimensions	195 x 67 x 31.2 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALG024



Codice *Code*	Input voltage (Vac)	Output Vdc	Output CC	Output W	Dimensioni *Dimensions* L x P x h
ALG024015.220	88~264V (47/63Hz)	24V	625mA	15W	62.5 x 51 x 28
ALG024050.220			2.1A	50W	99 x 82 x 26
ALG024075.220			3.2A	75W	129 x 98 x 38
ALG024100.220			4.5A	100W	159 x 97 x 38
ALG024156.220			6.5A	156W	159 x 97 x 30

t_C	+70°C
t_a	+25°C
Dimensions	/

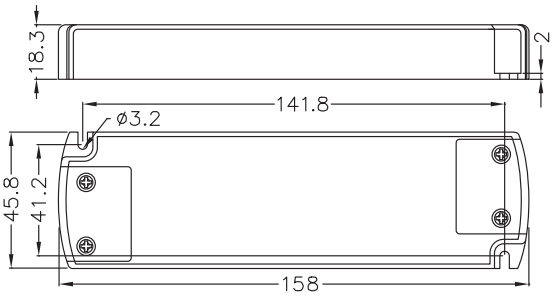
Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP30-24VFT-1

PHASE CUT



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	0.25~1.25A	6~30W

Dimmable	TRIAC/IGBT
Dimming range	20~90%
Power Factor (PF)	≥0.9
t_c	+85°C
t_a	+45°C
Dimensions	158 x 45.8 x 18.3 mm

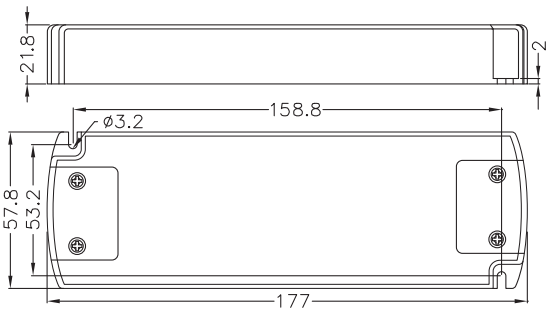
Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SP50-24VFT-1

PHASE CUT



Input Vac	Output Vdc	Output CC	Output W
220~240V (50Hz)	24V	0.5~2.08A	12~50W

Dimmable	TRIAC/IGBT
Dimming range	20~90%
Power Factor (PF)	≥0.9
t_c	+85°C
t_a	+45°C
Dimensions	177 x 57.8 x 21.8 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a vite / *Screw fixing*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LT-LA-60-24-U1L

Triac/ELV
0-10V

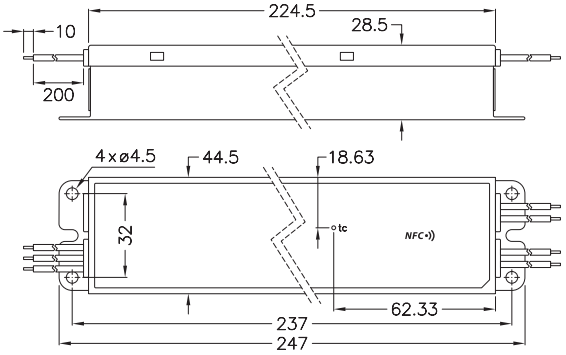
T-PWM
Dimming technology

Flicker-free
IEEE 1789

Dimmable:
1:10000MAX

NFC

100
277
CV out
IP20
Class II
1



Input Vac	Output Vdc	Output CC	Output W
100~277V (50/60Hz)	24V	2.5A	0~60W

Dimmable	TRIAC/ELV/0-10V
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+75°C
t_a	-20~50°C
Dimensions	247 x 44.5 x 28.5 mm

Cavi / *Cables*
IN/OUT cm 20

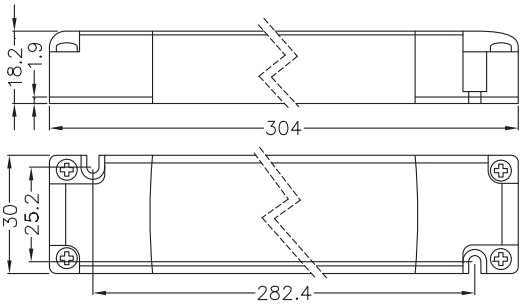
Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

SL75-24VFT

PHASE CUT

220
CV out
Class II
1



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	0.625~3.125A	15~75W

Dimmable	TRIAC/IGBT
Dimming range	1~100%
Power Factor (PF)	≥0.98
t_c	+85°C
t_a	+45°C
Dimensions	304 x 30 x 18.2 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024075.244

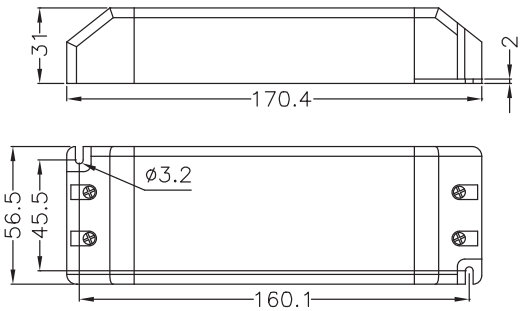
PHASE CUT

220~

CV out

Class II

1



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	1~3.125A	24~75W

Dimmable	TRIAC/IGBT
Dimming range	10~100%
Power Factor (PF)	≥0.9
t_c	+85°C
t_a	+45°C
Dimensions	170.4 x 56.5 x 31 mm

Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

SELV

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LT-LA-96-24-U1L

Triac/ELV 0-10V

T-PWM Dimming technology

Flicker-free IEEE 1789

Dimmable: 1:10000MAX

NFC

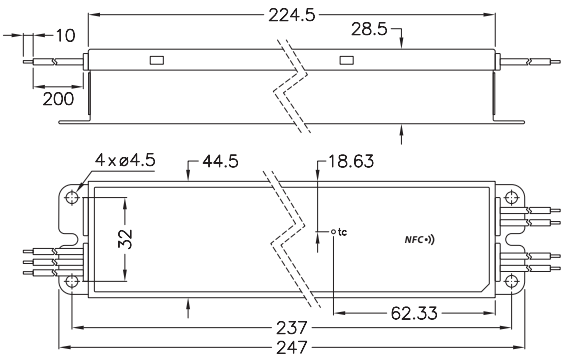
100~277

CV out

IP20

Class II

1



Input Vac	Output Vdc	Output CC	Output W
100~277V (50/60Hz)	24V	4A	0~96W

Dimmable	TRIAC/ELV/0-10V
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+75°C
t_a	-20~50°C
Dimensions	247 x 44.5 x 28.5 mm

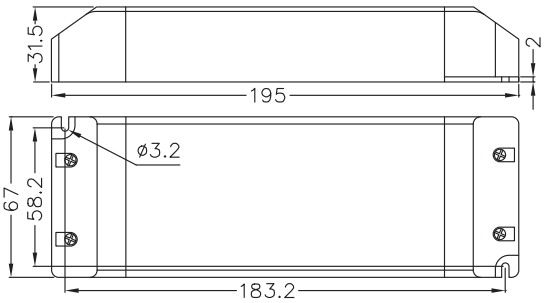
Cavi / *Cables*
IN/OUT cm 20

Approvazioni / *Approvals*

SELV RoHS Class 2 Class P Type HL

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024150.244



Input Vac	Output Vdc	Output CC	Output W
220~240V (50/60Hz)	24V	1~6.25A	48~150W

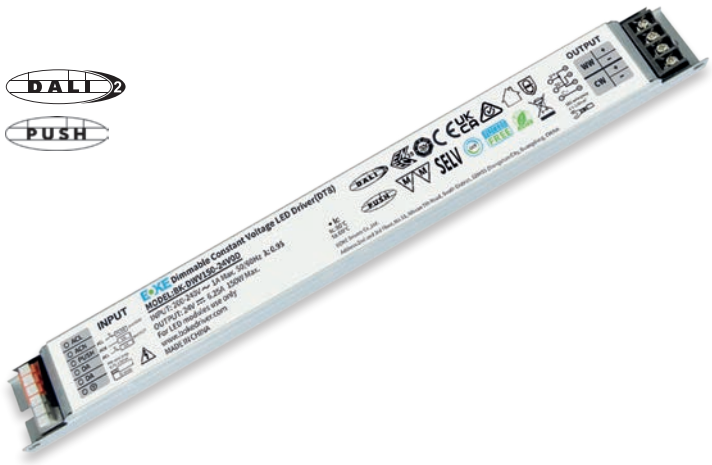
Dimmable	TRIAC/IGBT
Dimming range	10~100%
Power Factor (PF)	≥0.9
t_c	+90°C
t_a	+45°C
Dimensions	195 x 67 x 31.5 mm

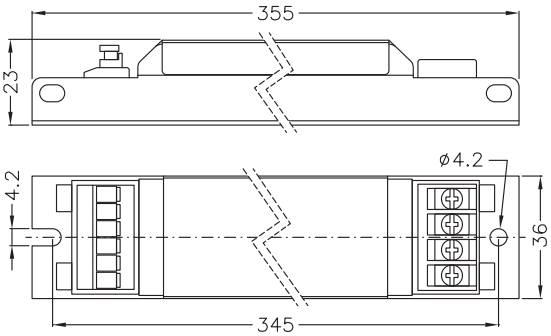
Fissaggio cavi / *Cable fixing*
Morsetti a vite / *Screw fixing*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BK-DWV150-24V0D





Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	6.25A	150W

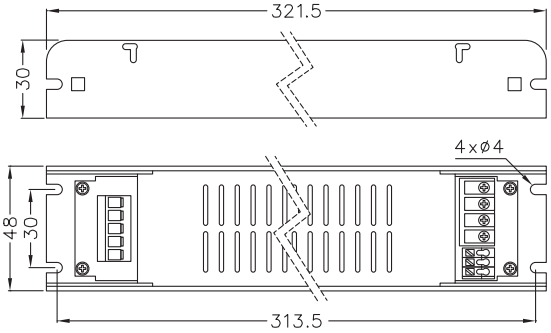
Dimmable	DALI-2, pushDIM
Dimming range	1~100%
Power Factor (PF)	≥0.95
t_c	+90°C
t_a	+60°C
Dimensions	355 x 36 x 23 mm

Fissaggio cavi / *Cable fixing*
Morsetti a pressione / *Clamps*

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BK-DGV200-48V0D



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	48V	4.15A	199.2W

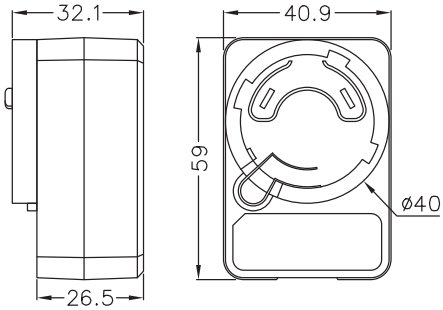
Dimmable	DALI-2, pushDIM, 1-10V 3in1
Dimming range	1~100%
Power Factor (PF)	≥0.95
t_c	+90°C
t_a	+60°C
Dimensions	321.5 x 48 x 30 mm

Fissaggio cavi / ***Cable fixing***
Morsetti a pressione / *Clamps*

Approvazioni / ***Approvals***

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALS005010.370



Input Vac	Output Vdc	Output CC	Output W
100~240V (50/60Hz)	5V	2A	10W

t_c	+90°C
t_a	+40°C
Dimensions	40.9 x 59 x 32.1 mm
Colour	**ALS005010.370:** Bianco / *White* **ALS005010.260:** Nero / *Black*

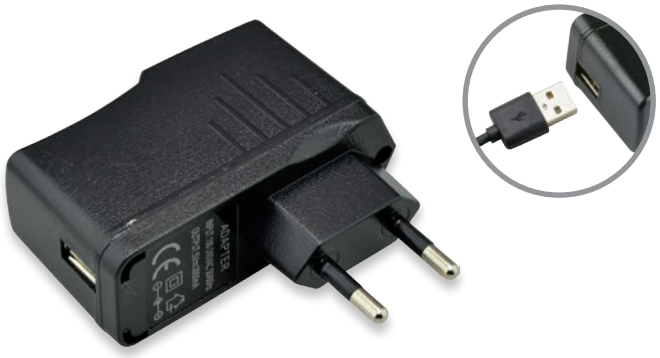
Fissaggio cavi / *Cable fixing*
Uscita USB Type-A / *USB Type-A output*

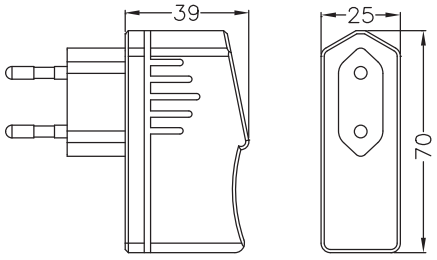
Completo di spine intercambiabili USA / UK / EU / AU
Supplied with plugs for: USA / UK / EU / AU

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALS005015.260





Input Vac	Output Vdc	Output CC	Output W
100~240V (50/60Hz)	5V	3A	15W

t_c	+85°C
t_a	+40°C
Dimensions	70 x 39 x 25 mm
Colour	Nero / *Black*

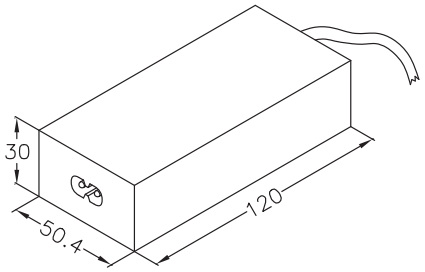
Cavi / *Cables*
USB Type-A / Type-C da ordinare separatamente (CAV020.00)
USB Type-A / Type-C cable to be ordered separately (CAV020.00)

Utilizzabile con / *Usable with*
Scheda di controllo CTC011A5
Control electronic board CTC011A5

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALS012066.190



Input Vac	Output Vdc	Output CC	Output W
100~240V (50/60Hz)	12V	5.5A	66W

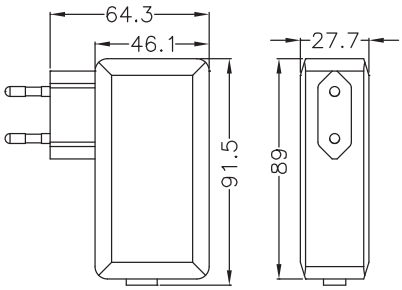
t_c	+75°C
t_a	+40°C
Dimensions	120 x 50.4 x 30 mm
Colour	Nero / *Black*

Cavo / *Cable*
Cavo con spina Italia e connettore DC Ø 5.5
Cable with Italian plug and DC connector Ø 5.5

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALS024024



Input Vac	Output Vdc	Output CC	Output W
200~240V (50/60Hz)	24V	1A	24W

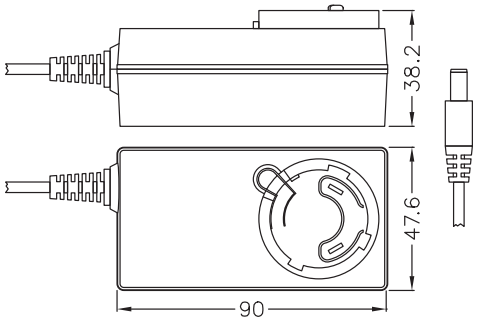
t_c	+80°C
t_a	+45°C
Dimensions	91.5 x 64.3 x 27.7 mm
Colour	**ALS024024.240:** Nero / *Black* **ALS024024.241:** Trasparente / *Transparent* **ALS024024.242:** Bianco / *White*

Fissaggio cavi / *Cable fixing*
Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALS024036.371



Input Vac	Output		
	Vdc	CC	W
100~240V (50/60Hz)	24V	1.5A	36W

t_C	+80°C
t_a	+45°C
Dimensions	90 x 47.6 x 38.2 mm
Colour	Nero / *Black*

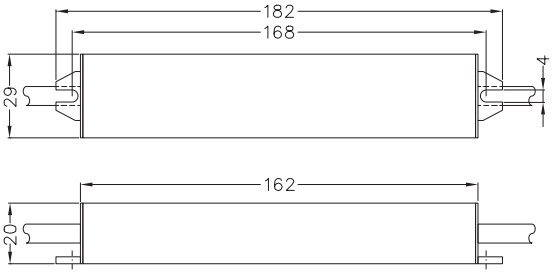
Cavi / *Cables*
Output cm 150
Con connettore DC plug / *With DC plug connector*

Completo di spine intercambiabili USA-JP / UK / EU / AU
Supplied with plugs for: USA-JP / UK / EU / AU

Approvazioni / *Approvals*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALW012030.180



Input Vac	Output Vdc	Output CC	Output W
170~250 (50/60Hz)	12V	2.5A	30W

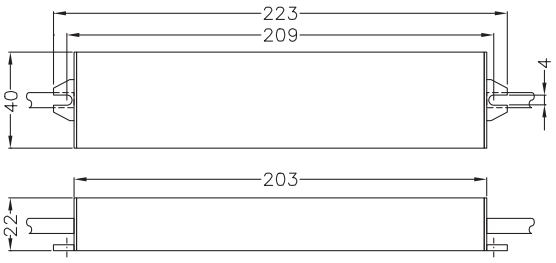
t_c	+85°C
t_a	/
Dimensions	182 x 29 x 20 mm

Cavi / ***Cables***
IN/OUT cm 20

Approvazioni / ***Approvals***
CE **IP67**

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALW012045.180



Input Vac	Output Vdc	Output CC	Output W
170~250 (50/60Hz)	12V	3.75A	45W

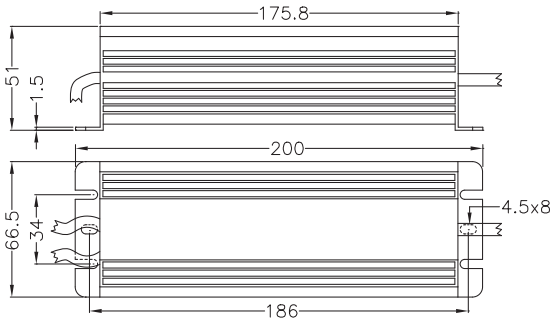
t_c	+85°C
t_a	/
Dimensions	223 x 40 x 22 mm

Cavi / ***Cables***
IN/OUT cm 20

Approvazioni / ***Approvals***
CE **IP67**

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALW012060.180



Input Vac	Output Vdc	Output CC	Output W
170~250 (50/60Hz)	12V	5A	60W

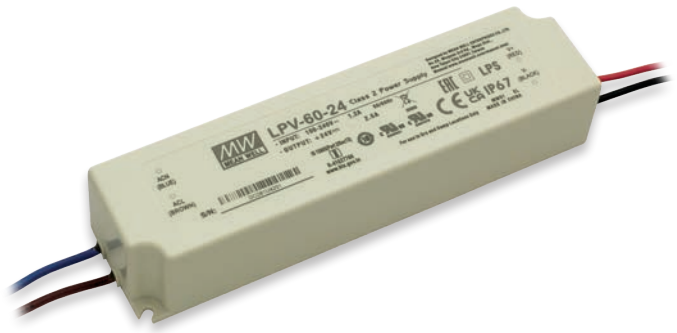
t_c	+85°C
t_a	/
Dimensions	200 x 66.5 x 51 mm

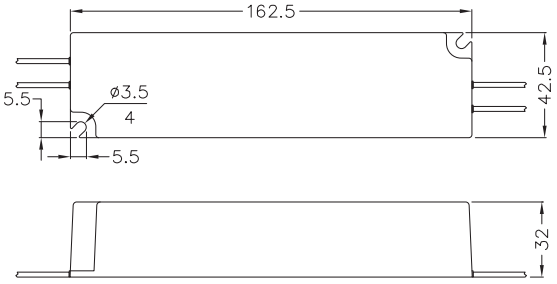
Cavi / *Cables*
Doppia uscita / *Double exit*
IN/OUT cm 20

Approvazioni / *Approvals*
CE **IP67**

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

ALN024060.220





Input Vac	Output Vdc	Output CC	Output W
100~240 (50/60Hz)	24V	2.5A	60W

t_c	+70°C
t_a	/
Dimensions	162.5 x 42.5 x 32 mm

Cavi / *Cables*
IN/OUT cm 60

Approvazioni / *Approvals*
EAC cULus CE UKCA **IP67**

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Cavi flessibili
Flexible cables

Legenda | *Legend*

Numero di cavi interni / *Number of internal cables*
Cavo tondo / *Round cable*
Cavo piatto / *Flat cable*
Cavo piatto divisibile / *Divisible flat cable*
USB Type-A
USB Type-C
DC-plug
Connettore 2 poli DIN +/- / *2-pole DIN +/- connector*
Ordine minimo / *Minimum order*

Colore guaina e/o cavi interni | *Sheeth and/or internal cable colour*

Rosso / *Red*
Nero / *Black*
Blu / *Blue*
Marrone / *Brown*
Verde / *Green*
Grigio / *Gray*
Bianco / *White*
Trasparente / *Transparent*
Oro trasparente / *Transparent gold*
Solo schermatura / *Only shielding*
Trasparente con riga bianca / *Transparent with white line*
Trasparente con riga rossa / *Transparent with red line*
Trasparente con riga nera / *Transparent with black line*
Giallo con riga verde / *Yellow with green line*
Nero, Rosso, Blu, Verde / *Black, Red, Blue, Green*
Nero, Rosso, Bianco, Trasparente / *Black, Red, White, Transparent*
Rosso, Nero / *Red, Black*

Cavi / *Cables*

Flessibili / *Flexibles*	**333 › 343**
Flessibili da esterno / *Flexible for outdoor use*	**344 › 345**
Flessibili con plug / *Flexibles with plug*	**346 › 349**

Simbologia tabelle | *Symbology tables*

*S*ezione del conduttore / *Conductor section*
Diametro della guaina esterna *Outer sheath diameter*
Materiale del conduttore / *Conductive material*
Materiale della schermatura / *Shielding material*
Diametro guaina tonda / *Round sheath diameter*
Dimensioni guaina piatta / *Flate sheath dimensions*
Temperatura massima di funzionamento dei cavi *Maximum operating temperature for cables*
Approvazioni / *Approvals*
Tensione massima di innesco - Tensione impulsiva *Max starting voltage - Impulse voltage*
Tensione nominale / *Rated voltage*

Materiale del conduttore e della schermatura
Conductive and shielding material

Cu = Rame / *Copper*
CuAg = Rame argentato / *Silver plated copper*
CuNk = Rame nichelato / *Nickel-plated copper*
CuSn = Rame stagnato / *Tinned copper*

Sezione cavi AWG | *AWG cable section*

AWG18 = 0,963 mm²
AWG20 = 0,615 mm²
AWG22 = 0,382 mm²

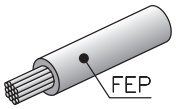
Note | *Notes*

I cavi di seguito riportati sono i più comunemente utilizzati
Altri tipi su richiesta o sul sito www.easrl.com
The following cables are the most used ones. Other types on request or on www.easrl.com

FEP

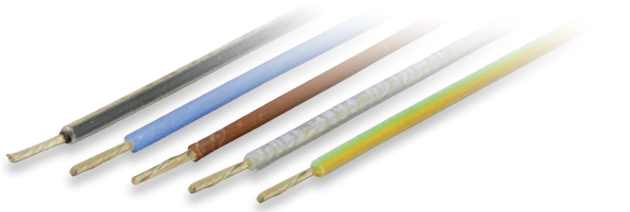
1x

Cavo unipolare flessibile
Unipolar flexible cable
Singolo isolamento **FEP**
***FEP** single insulation*



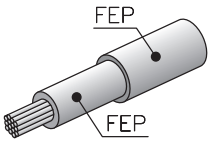
Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	
92		AWG22	1.3	180°	VDE	300/500	CuSn
93		AWG22	1.3	180°	VDE	300/500	CuSn
D8		AWG22	1.2	180°	CE	300/500	CuSn
U1		AWG22	1.2	180°	CE	300/500	CuSn
U2		AWG22	1.2	180°	CE	300/500	CuSn
01		AWG20	1.6	180°	VDE	300/500	CuSn
07		AWG20	1.6	180°	VDE	300/500	CuSn
45		AWG20	1.6	180°	VDE	300/500	CuSn
85		AWG20	1.6	180°	VDE	300/500	CuSn
G8		AWG20	1.6	180°	VDE	300/500	CuSn
02		AWG18	1.8	180°	VDE	300/500	CuSn
08		AWG18	1.8	180°	VDE	300/500	CuSn
C5		0.50	1.4	180°	IMQ	300/500	CuSn
P1		0.50	1.4	180°	IMQ	300/500	CuSn
P2		0.50	1.4	180°	IMQ	300/500	CuSn
P3		0.50	1.4	180°	IMQ	300/500	CuSn
P5		0.50	1.4	180°	IMQ	300/500	CuSn
B1		0.75	1.7	180°	IMQ	300/500	CuSn
D9		0.75	1.7	180°	IMQ	300/500	CuSn

FEP+FEP



1x

Cavo unipolare flessibile
Unipolar flexible cable
Doppio isolamento **FEP+FEP**
***FEP+FEB** double insulation*



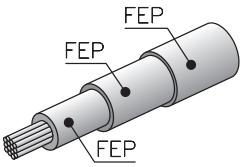
Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	
C3		AWG22	1.9	180°	VDE	300/500	CuSn
C6		AWG22	1.9	180°	VDE	300/500	CuSn
D6		AWG22	1.9	180°	VDE	300/500	CuSn
58		AWG20	2.1	180°	VDE	300/500	CuSn
63		AWG20	2.1	180°	VDE	300/500	CuSn
71		AWG20	2.1	180°	VDE	300/500	CuSn
79		AWG20	2.1	180°	VDE	300/500	CuSn
K4		AWG20	2.1	180°	VDE	300/500	CuSn
E5		0.75	2.05	180°	VDE	300/500	CuSn
E6		0.75	2.05	180°	VDE	300/500	CuSn
K2		1	2.4	180°	VDE	300/500	CuSn

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

FEP+FEP+FEP

1x

Cavo unipolare flessibile
Unipolar flexible cable
Triplo isolamento **FEP+FEP+FEP**
FEP+FEP *triple insulation*

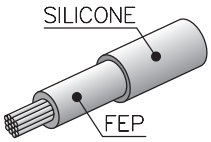


Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	
62		0.5	2.4	180°	IMQ	300/500	CuSn

FEP+SILICONE

1x

Cavo unipolare flessibile
Unipolar flexible cable
Doppio isolamento **FEP+SILICONE**
FEP+SILICONE *double insulation*



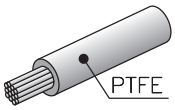
Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	
66		1	4.8	180°	VDE*	300/500	CuSn

*Cavo interno / *Internal cable*

PTFE

1x

Cavo unipolare flessibile
Unipolar flexible cable
Singolo isolamento **PTFE**
PTFE *single insulation*



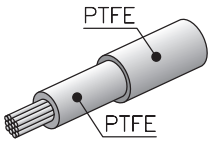
Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	KV	
L4		AWG20	1.5	180°	VDE	300/500	/	CuSn
S8		AWG20	1.5	180°	VDE	300/500	/	CuSn
90		AWG18	1.9	250°	UL / Style 1815	300/500	/	CuNk
C9		AWG18	1.9	250°	UL / Style 1815	300/500	/	CuNk
03		0.75	1.8	180°	VDE	300/500	/	CuSn
10		0.75	1.8	180°	VDE	300/500	/	CuSn
17		0.75	1.8	250°	VDE	300/500	/	CuNk
G1		0.75	1.8	180°	VDE	300/500	/	CuSn
16		1	1.9	180°	VDE	300/500	/	CuSn
K8		1	2.2	250°	VDE	300/500	5 KV	CuNk
B5		1.5	2.1	180°	VDE	300/500	/	CuSn

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

PTFE+PTFE

1x

Cavo unipolare flessibile
Unipolar flexible cable
Doppio isolamento **PTFE+PTFE**
***PTFE+PTFE** double insulation*

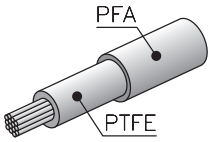


Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	CuNk
T4	☐	0.75	2.2	250°	VDE	300/500	CuNk

PTFE+PFA

1x

Cavo unipolare flessibile
Unipolar flexible cable
Doppio isolamento **PTFE+PFA**
***PTFE+PFA** double insulation*

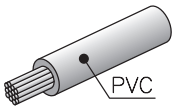


Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	KV	CuNk
96	☐	1	2.4	250°	VDE	300/500	/	CuNk
Q6	☐	1	2.8	250°	VDE	300/500	5 KV	CuNk

PVC

1x

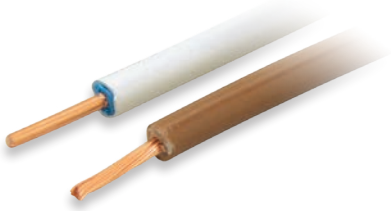
Cavo unipolare flessibile
Unipolar flexible cable
Singolo isolamento **PVC**
***PVC** single insulation*



Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	CuNk
NR	■	AWG22	1.25	80°	UL / Style 1061	300	CuSn
NS	■	AWG22	1.25	80°	UL / Style 1061	300	CuSn
U4	■	0.5	2.1	90°	IMQ-HAR	300/500	Cu
U5	■	0.5	2.1	90°	IMQ-HAR	300/500	Cu

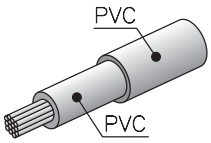
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

PVC+PVC



1x

Cavo unipolare flessibile
Unipolar flexible cable
Doppio isolamento **PVC+PVC**
***PVC+PVC** double insulation*



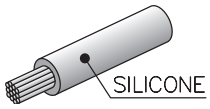
Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	Cu
Q8		0.75	3	70°	IMQ-HAR	300/500	Cu
S6*		1	3	90°	IMQ-HAR	300/500	Cu

*Rigido / *Rigid*

SILICONE

1x

Cavo unipolare flessibile
Unipolar flexible cable
Singolo isolamento **SILICONE**
***SILICONE** single insulation*



Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	KV	Cu
98*		0.50	2.3	130°	VDE	300/300	/	Cu
G5		0.50	2.1	180°	VDE	300/300	/	CuSn
K5		0.50	2.1	180°	VDE	300/300	/	CuSn
05		0.75	2.4	180°	VDE	300/300	/	CuSn
12		0.75	2.4	180°	VDE	300/300	/	CuSn
13		0.75	2.4	180°	VDE	300/300	/	CuSn
56		0.75	3.2	180°	VDE	0.6/1 KV	5 KV	CuSn
D5		0.75	2.6	180°	IMQ/HAR	500	/	CuSn

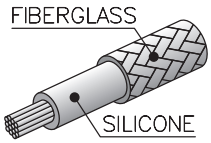
*Extra flessibile / *Extra flexible*

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

SILICONE+FIBERGLASS

1x

Cavo unipolare flessibile
Unipolar flexible cable
Singolo isolamento, con **calza di vetro**
*Single insulation, **with fiberglass***

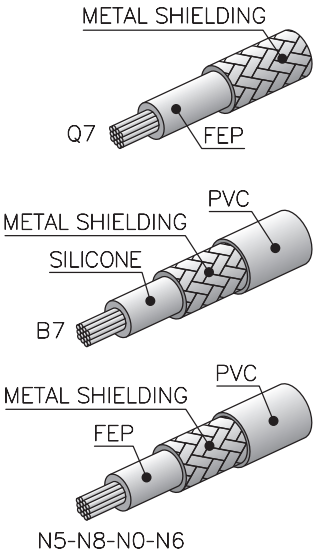


Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	Tmax °C	APPROVAL	V	
25		0.75	2.9	130°	IMQ-HAR	300/500	Cu
48		0.75	2.9	130°	IMQ-HAR	300/500	Cu
64		1	3.2	130°	IMQ-HAR	300/500	Cu
B6		1.5	3.4	130°	IMQ-HAR	300/500	Cu

COAXIAL

1x

Cavo unipolare flessibile
Unipolar flexible cable
Coassiale
Coaxial



Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	Cavo / Guaina *Cable / sheath*	mm²	ø mm	Tmax °C	APPROVAL	V		
Q7			FEP / –	AWG22	1.8	180°	VDE	300	/	CuSn
NV			FEP / PVC	0.35	2.6	70°	CE	300	CuSn	CuSn
N0			FEP / PVC	AWG20	2.8	180°/65°	CE	300/500	CuSn	CuSn
N5			FEP / PVC	AWG20	2.8	180°/65°	CE	300/500	Cu	CuSn
N8			FEP / PVC	AWG20	2.8	180°/65°	CE	300/500	CuSn	CuSn
N6			FEP / PVC	AWG19/0.75	2.9	180°/65°	CE	300/500	CuSn	CuSn
B7			Silicone / PVC	0.75	3.7	180°	VDE	300	CuSn	Cu

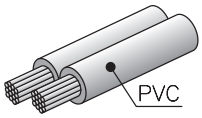
N.B.: Dove presente, l'approvazione è rifertita solo ai cavi interni
Where present, approval refers only to internal cables

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

PVC

2x

Cavo piatto flessibile bipolare
Bipolar flexible flat cable
Singolo isolamento **PVC**
***PVC** single insulation*

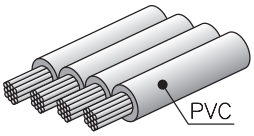


Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	
84		2 x 0.35	3.87 x 1.73	70°	CE	300	Cu
R0		2 x AWG20	3.66 x 1.73	80°	UL Style 2468	300	CuSn
U8		2 x 0.35	3.87 x 1.73	70°	CE	300	Cu

PVC

4x

Cavo piatto flessibile quadripolare
Quadripolar flexible flat cable
Singolo isolamento **PVC**
***PVC** single insulation*

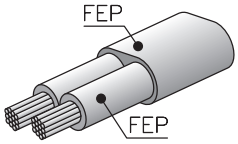


Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	T_{max} °C	APPROVAL	V	
7K		4 x AWG20	5.4 x 1.4	80°	UL Style 1007	300	CuSn

FEP+FEP

2x

Cavo piatto flessibile bipolare |
Bipolar flexible flat cable
Doppio isolamento **FEP+FEP**
***FEP+FEP** double insulation*



Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	A B	T_{max} °C	APPROVAL	V	
36			AWG20	1.5	3.7 x 2.2	180°	VDE*	300/500	CuSn

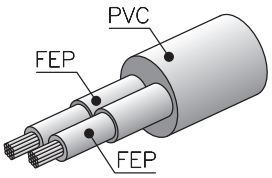
*Cavo interno / *Internal cable*

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

FEP+FEP+PVC

2x

Cavo tondo flessibile bipolare
Bipolar flexible round cable
Triplo isolamento **FEP+FEP+PVC**
***FEP+FEP+PVC** triple insulation*

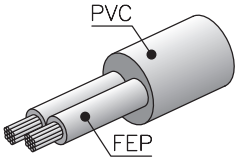


Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
F8			AWG20	2	5.3	108/105°	VDE	300/500	CuSn
T6			AWG20	2	5.5	108/105°	VDE	300/500	CuSn

FEP+PVC

2x

Cavo tondo flessibile bipolare
Bipolar flexible round cable
Doppio isolamento **FEP+PVC**
***FEP+PVC** double insulation*

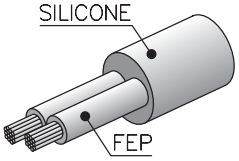


Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
Q5			AWG22	1.6	3.6	108/105°	VDE	300/500	CuSn
72			0.75	1.6	4.9	180/105°	IMQ	500/500	CuSn

FEP+SILICONE

2x

Cavo tondo flessibile bipolare
Bipolar flexible round cable
Doppio isolamento **FEP+SILICONE**
***FEP+SILICONE** double insulation*



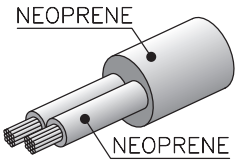
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
L7			0.75	1.55	4.4	180°	IMQ	500	CuSn

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

NEOPRENE H05RN-F

2x

Cavo tondo flessibile bipolare
Bipolar flexible round cable
Doppio isolamento
NEOPRENE+NEOPRENE
NEOPRENE+NEOPRENE
double insulation

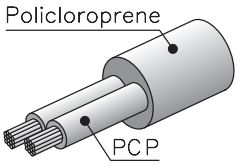


Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
X5	■	■■	0.75	2.2	6.2	60°	IMQ-HAR	300/500	Cu

PCP-Policloroprene

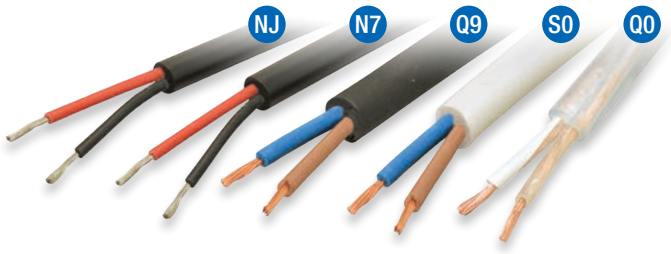
2x

Cavo tondo flessibile bipolare
Bipolar flexible round cable
Doppio isolamento
PCP-Policloroprene
PCP-Policloroprene
double insulation



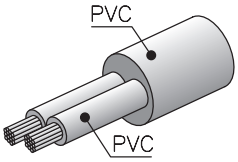
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
X0	■	■■	0.75	2.2	6.2	60°	/	300/500	Cu

PVC+PVC



2x

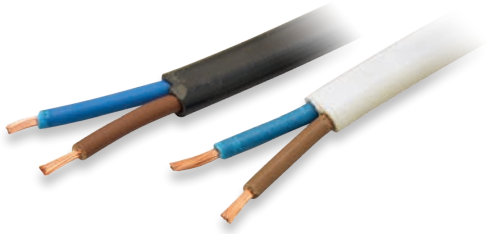
Cavo tondo flessibile bipolare
Bipolar flexible round cable
Doppio isolamento **PVC+PVC**
PVC+PVC *double insulation*



Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
NJ	■	■■	AWG22	1.5	3.6	85°	UL / Style 2464	300	CuSn
N7	■	■■	AWG22	1.5	4.2	105°	UL / Style 2103	300	CuSn
Q0	□	▨▨	0.75	2.2	5.3	70°	VDE	50/500	Cu
Q9	■	■■	0.75	2.2	5.3	70°	IMQ-HAR	300/300	Cu
S0	□	■■	0.75	2.2	5.3	70°	IMQ-HAR	300/300	Cu

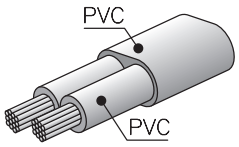
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

PVC+PVC



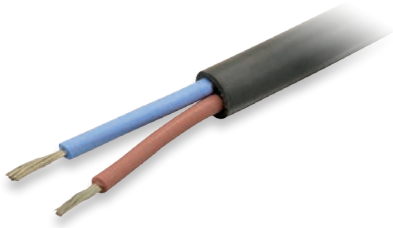
2x

Cavo piatto flessibile bipolare
Bipolar flexible flat cable
Doppio isolamento **PVC+PVC**
***PVC+PVC** double insulation*



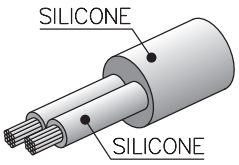
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	A B	T_{max} °C	APPROVAL	V	
S7	■	■■	0.5	2.1	5.2 x 3.2	70°	IMQ-HAR	300/500	Cu
35	■	■■	0.75	2.1	5.5 x 3.4	70°	IMQ-HAR	300/500	Cu

SILICONE+SILICONE



2x

Cavo tondo flessibile bipolare
Bipolar flexible round cable
Doppio isolamento
SILICONE+SILICONE
SILICONE+SILICONE
double insulation

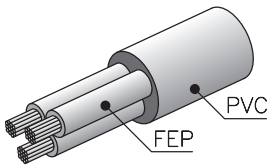


Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
F9	■	■■	0.75	2.35	6.6	180°	IMQ-HAR	500	CuSn

FEP+PVC

3x

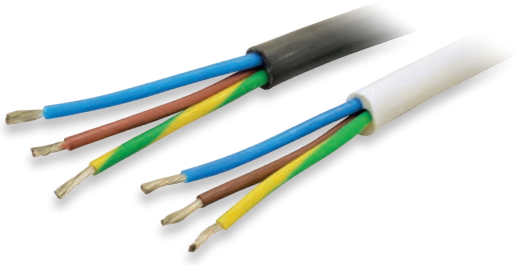
Cavo tondo flessibile tripolare
Tripolar flexible round cable
Doppio isolamento **FEP+PVC**
***FEP+PVC** double insulation*



Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
S4	■	■■■	AWG18	1.9	5.4	200/105°	UL Style 20242	300	CuSn
8K	■	■■■	0.75	1.9	4.9	180/105°	IMQ	300/500	CuSn

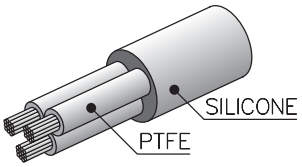
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

PTFE+SILICONE



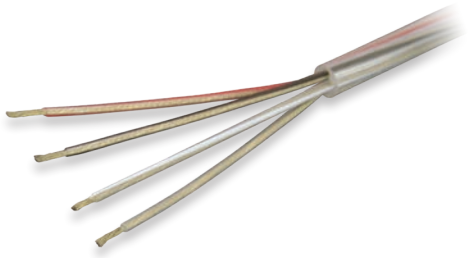
3x

Cavo tondo flessibile tripolare
Tripolar flexible round cable
Doppio isolamento
PTFE+SILICONE
PTFE+SILICONE
double insulation



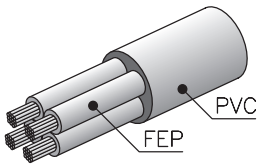
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	KV	
E7	■	■■■	1	2.15	6.5	250°	VDE	0.6/1 KV	5 KV	CuNk
L9	□	■■■	1	2.15	6.5	250°	VDE	0.6/1 KV	5 KV	CuNk

FEP+PVC



4x

Cavo tondo flessibile quadripolare
Quadripolar flexible round cable
Doppio isolamento **FEP+PVC**
FEP+PVC *double insulation*

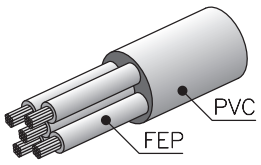


Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
L0	■	■■■■	0.5	1.45	4.8	180/105°	VDE	300/500	CuSn

FEP+PVC

5x

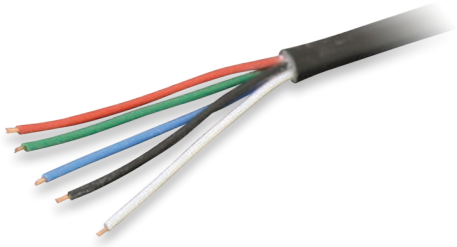
Cavo tondo flessibile multipolare
Multipolar flexible round cable
Doppio isolamento **FEP+PVC**
FEP+PVC *double insulation*



Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
Z7	□	■■■■■	0.75	1.65	5.8	180/105°	IMQ	300/500	CuSn

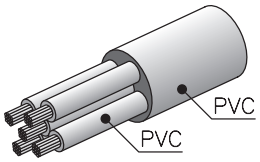
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

PVC+PVC



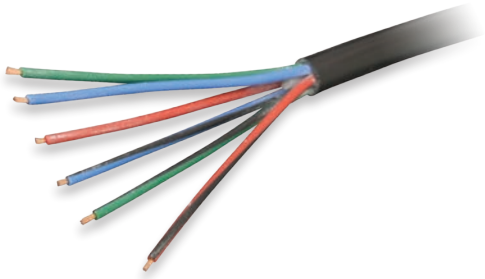
5x

Cavo tondo flessibile multipolare
Multipolar flexible round cable
Doppio isolamento **PVC+PVC**
***PVC+PVC** double insulation*



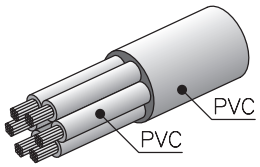
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
J7	■	■■■■□	0.25	1.26	4.7	105°	CE	300/300	Cu

PVC+PVC



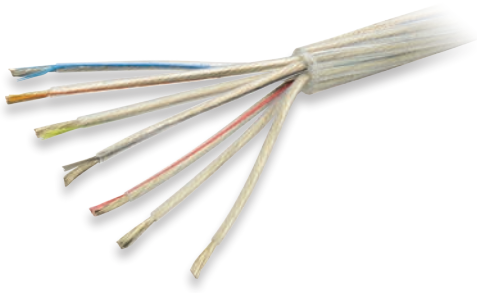
6x

Cavo tondo flessibile multipolare
Multipolar flexible round cable
Doppio isolamento **PVC+PVC**
***PVC+PVC** double insulation*



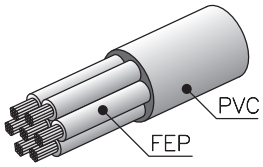
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
J6	■	■■■■■■	0.25	1.26	5	105°	CE	300/300	Cu

FEP+PVC



7x

Cavo tondo flessibile multipolare
Multipolar flexible round cable
Doppio isolamento **FEP+PVC**
***FEP+PVC** double insulation*



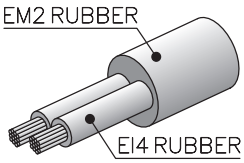
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
V5	□	■■■■■□□	0.75	1.6	6.7	180/105°	IMQ	300/500	CuSn

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

GOMMA/RUBBER H07RN-F

2x

Cavo tondo flessibile bipolare
Bipolar flexible round cable
Doppio isolamento
double insulation
GOMMA ELASTOMERICA
ELASTOMERIC RUBBER
EI4 + EM2

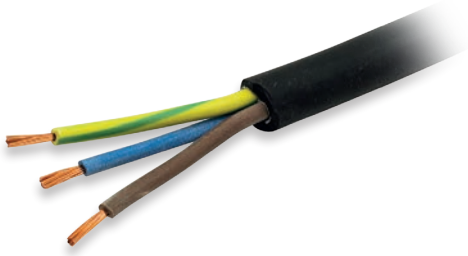


Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
C1	■	■■	1.5	3	9	60°	IMQ-HAR	450/750	Cu

Tensione di prova *Test voltage*	Temperatura di corto circuito *Short-circuit temperature*	Resistenza alla fiamma *Flame resistance*	Raggio di curvatura *Bending radius*	Resistenza agli oli *Oil resistance*
2500 Vac	200 °C	IEC 60332-1-2 CPR class Eca	≥ 6 x D	EN 50363-2-1

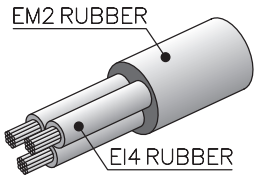
Ideale per uso esterno e per posa mobile / *Suitable outdoor use and mobile installation*
Basso contenuto di PAH / *Low PAH content*

GOMMA/RUBBER H07RN-F



3x

Cavo tondo flessibile tripolare
Tripolar flexible round cable
Doppio isolamento
double insulation
GOMMA ELASTOMERICA
ELASTOMERIC RUBBER
EI4 + EM2



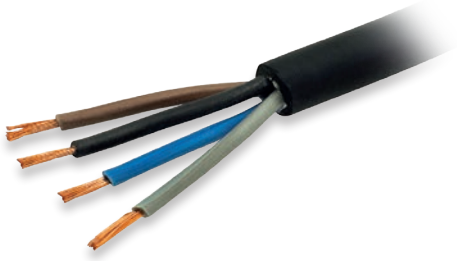
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
C7	■	■■■	1.5	3	9.6	60°	IMQ-HAR	450/750	Cu

Tensione di prova *Test voltage*	Temperatura di corto circuito *Short-circuit temperature*	Resistenza alla fiamma *Flame resistance*	Raggio di curvatura *Bending radius*	Resistenza agli oli *Oil resistance*
2500 Vac	200 °C	IEC 60332-1-2 CPR class Eca	≥ 6 x D	EN 50363-2-1

Ideale per uso esterno e per posa mobile / *Suitable outdoor use and mobile installation*
Basso contenuto di PAH / *Low PAH content*

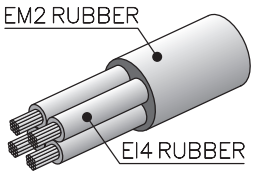
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

GOMMA/RUBBER H07RN-F



4x

Cavo tondo flessibile quadripolare
Quadripolar flexible round cable
Doppio isolamento
double insulation
GOMMA ELASTOMERICA
ELASTOMERIC RUBBER
EI4 + EM2

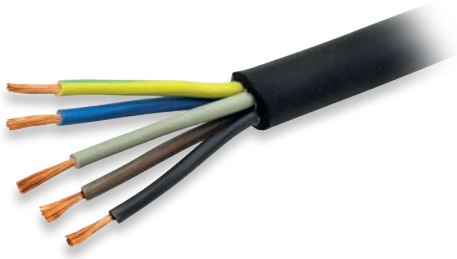


Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
B2			1.5	3	10.5	60°	IMQ-HAR	450/750	Cu

Tensione di prova *Test voltage*	Temperatura di corto circuito *Short-circuit temperature*	Resistenza alla fiamma *Flame resistance*	Raggio di curvatura *Bending radius*	Resistenza agli oli *Oil resistance*
2500 Vac	200 °C	IEC 60332-1-2 CPR class Eca	≥ 6 x D	EN 50363-2-1

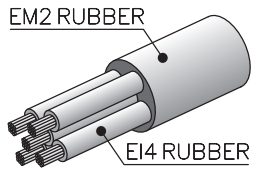
Ideale per uso esterno e per posa mobile / *Suitable outdoor use and mobile installation*
Basso contenuto di PAH / *Low PAH content*

GOMMA/RUBBER H07RN-F



5x

Cavo tondo flessibile multipolare
Multipolar flexible round cable
Doppio isolamento
double insulation
GOMMA ELASTOMERICA
ELASTOMERIC RUBBER
EI4 + EM2



Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	T_{max} °C	APPROVAL	V	
B8			1.5	3	11.5	60°	IMQ-HAR	450/750	Cu

Tensione di prova *Test voltage*	Temperatura di corto circuito *Short-circuit temperature*	Resistenza alla fiamma *Flame resistance*	Raggio di curvatura *Bending radius*	Resistenza agli oli *Oil resistance*
2500 Vac	200 °C	IEC 60332-1-2 CPR class Eca	≥ 6 x D	EN 50363-2-1

Ideale per uso esterno e per posa mobile / *Suitable outdoor use and mobile installation*
Basso contenuto di PAH / *Low PAH content*

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

CAV017 - PVC+PVC

Cavo di collegamento piatto bipolare
Bipolar flat connection cable

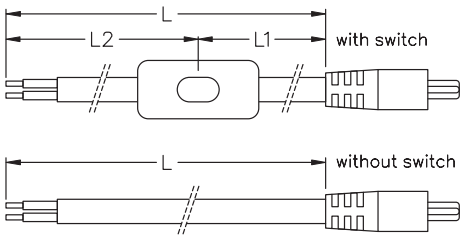
2x

DIN +/-

1

Doppio isolamento **PVC+PVC**
***PVC+PVC** double insulation*

Con connettore maschio 2 poli DIN +/-, per alimentatori e driver a spina integrata
With 2-pole DIN +/- male connector, for wall mount power supplies and drivers



Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	A B	Lunghezza *Lenght*	APPROVAL	V
CAV017S7.200			0.5	1.9	5.1 x 3.2	200 cm	VDE	300/300
CAV01735.200.01			0.75	2.2	5.8 x 3.7	200 cm + Switch (150 cm + 50 cm)	VDE	300/300
CAV017B2.250.01			0.75	2.2	5.8 x 3.7	250 cm + Switch (170 cm + 80 cm)	VDE	300/300
CAV017B8.265			0.75	2.15	5.5 x 3.5	265 cm	TUV	300/300

CAV017 - PVC+PVC

Cavo di collegamento piatto bipolare, divisibile
Bipolar flat connection cable, divisible

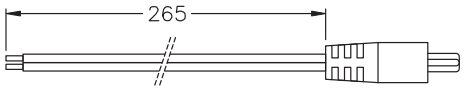
2x

DIN +/-

1

Divisibile, doppio isolamento **PVC+PVC**
*Divisible, **PVC+PVC** double insulation*

Con connettore maschio 2 poli DIN +/-, per alimentatori e driver a spina integrata
With 2-pole DIN +/- male connector, for wall mount power supplies and drivers



Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	A B	Lunghezza *Lenght*	APPROVAL	V
CAV017C1.265		AWG20	1.8	3.7 x 1.8	265 cm	/	300
CAV017C4.265		AWG18	2.2	4.5 x 2.2	265 cm	/	300

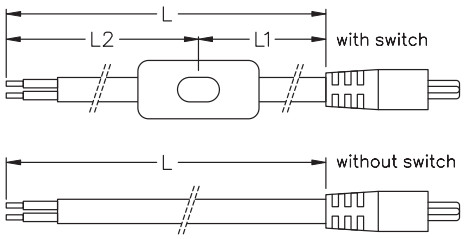
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

CAV017 - PVC+PVC

Cavo di collegamento tondo bipolare
Bipolar round connection cable

Doppio isolamento **PVC+PVC**
***PVC+PVC** double insulation*

Con connettore maschio 2 poli DIN +/-, per alimentatori e driver a spina integrata
With 2-pole DIN +/- male connector, for wall mount power supplies and drivers



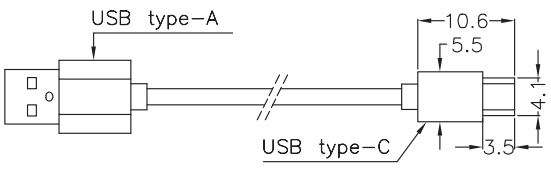
Codice *Code*	Colore guaina *Sheath colour*	Cavi interni *Internal cables*	mm²	ø mm	ø mm	Lunghezza *Lenght*	APPROVAL	V
CAV017T0.200.01	■	■■	0.5	1.9	5.1	200 cm + Switch (150 cm + 50 cm)	VDE	300/300
CAV017Q9.150	■	■■	0.75	2.15	5.8	150 cm	VDE	300/300
CAV017Q9.200	■	■■	0.75	2.15	5.8	200 cm	VDE	300/300
CAV017S0.150	□	■■	0.75	2.15	5.8	150 cm	VDE	300/300

CAV020.00

Cavo USB Type-A / Type-C
USB Type-A / Type-C cable

Utilizzabile con:
- alimentatore ALS005010.260 e ALS005015.260
- scheda di controllo CTC011A

It can be used with:
- *power supply unit code ALS005010.260 and ALS005015.260*
- *control electronic board code CTC011A*



Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	Lunghezza *Lenght*
CAV020.00	■	AWG22	3	200 cm

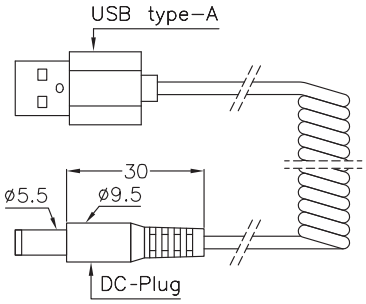
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

CAV021.00

Cavo USB Type-A / DC-plug
USB Type-A / DC-plug cable

Utilizzabile con:
- alimentatore ALS005010.260 e ALS005015.260
- scheda di controllo CTC011A

It can be used with:
- *power supply unit code ALS005010.260 and ALS005015.260*
- *control electronic board code CTC011A*



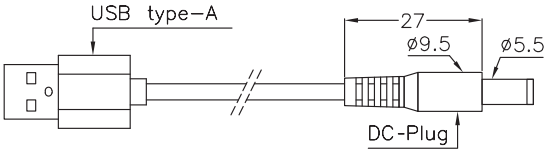
Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	Lunghezza *Lenght*
CAV021.00	■	AWG22	3	200 cm

CAV024.00

Cavo USB Type-A / DC-plug
USB Type-A / DC-plug cable

Utilizzabile con:
- alimentatore ALS005010.260 e ALS005015.260
- scheda di controllo CTC011A

It can be used with:
- *power supply unit code ALS005010.260 and ALS005015.260*
- *control electronic board code CTC011A*



Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	Lunghezza *Lenght*
CAV024.00	■	AWG22	3	150 cm

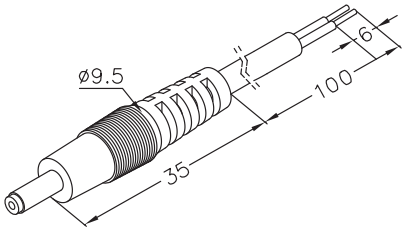
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

CNT011.00

Cavo tondo flessibile bipolare
Bipolar flexible round cable

Divisibile, doppio isolamento **PVC+PVC**
*Divisible, **PVC+PVC** double insulation*

Per Driver e Alimentatori SNAPPY 6W e 12W
For drivers and SNAPPY power supply (6W or 12W)



Codice *Code*	Colore guaina *Sheath colour*	mm²	ø mm	ø mm	Lunghezza *Lenght*	T_{max} °C	APPROVAL	V	
CNT011.00	■	2 x AWG22	2 x 1.45	4	100 cm	80°	UL	300	CuSn

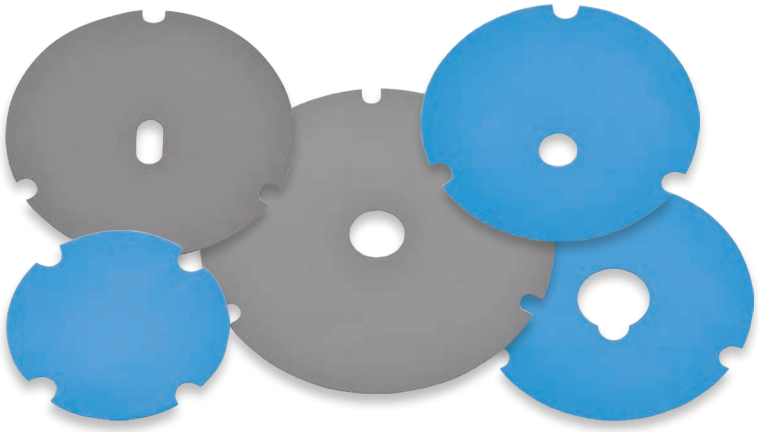
Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

Accessori LED
LED accessories

Legenda	***Legend***	
Angolo fascio luminoso / *Beam angle*		
USB Type-C		
USB Type-A		
DC-plug		
Connettore 2 poli DIN +/- / *2-pole DIN +/- connector*		
Ordine minimo / *Minimum order*		

Accessori LED / *LED accessories*	
PAD termici / *Thermal PADs*	**353 › 354**
Lenti / *Lenses*	**355 › 361**
Cover di protezione / *Protection covers*	**362 › 364**
Accessori elettronica / *Electronic accessories*	**365 › 366**
Accessori strip / *Strip accessories*	**367**
Accessori cavi / *Cable accessories*	**368**
Sistemi di raffreddamento / *Cooling systems*	**369 › 370**

PAD TERMICI preformati
Preformed THERMAL PADS



PAD termico preformato mono adesivo e biadesivo
Preformed mono adhesive or double-sided adhesive thermal PAD

Spessore / *Thickness*
0.25 mm

Conducibilità / *Conductivity*
Biadesivo / *Double-sided adhesive:* 1W/mk
Mono adesivo / *Mono adhesive:* 1.5W/mk

Altre forme / *Other shapes*
A richiesta / *On request*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Codice / *Code*	Ø mm	Tipo / *Type*	Abbinabile a schede LED / *Combined with LED board*
PAD.M08S.X001	31	Mono adesivo / *Mono adhesive*	CL075 / CL147 / CL166 / CL381
PAD.B05S.X006		Biadesivo / *Double-sided adhesive*	
PAD.B05S.C094	44	Biadesivo / *Double-sided adhesive*	CL094
PAD.M08S.X002	44	Mono adesivo / *Mono adhesive*	CL094 / CL148
PAD.B05S.X004		Biadesivo / *Double-sided adhesive*	*CL078 / CL148 / CL382
PAD.M08S.X003	48	Mono adesivo / *Mono adhesive*	CL150
PAD.B05S.X001		Biadesivo / *Double-sided adhesive*	
PAD.M08S.X004	68	Mono adesivo / *Mono adhesive*	CL076 / CL151 / CL386
PAD.B05S.X005		Biadesivo / *Double-sided adhesive*	
PAD.M08S.X006	78	Mono adesivo / *Mono adhesive*	CL360
PAD.B05S.X009		Biadesivo / *Double-sided adhesive*	
PAD.M08S.X005	98	Mono adesivo / *Mono adhesive*	CL149 / CL152 / CL193 / CL355 / CL361
PAD.B05S.X002		Biadesivo / *Double-sided adhesive*	

* Solo con uscita laterale cavo / *Only with side exit cable*

PAD TERMICI preformati in grafite
Graphite preformed THERMAL PADS

PAD termico preformato mono adesivo e non adesivo in graphite
Preformed mono adhesive and not adhesive graphite thermal PAD

Spessore / *Thickness*
0.30 mm

Conducibilità / *Conductivity*
4W/mk verticale / *vertical*
500W/mk orizzontale / *horizontal*

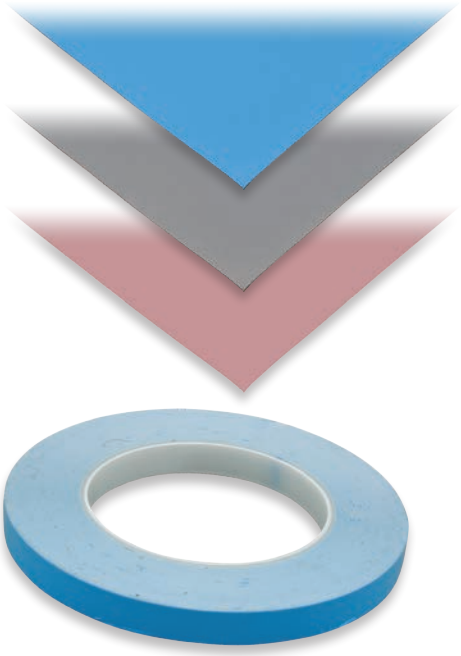
Altre forme / *Other shapes*
A richiesta / *On request*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

Codice / *Code*	Ø mm	Tipo / *Type*	Abbinabile a schede LED / *Combined with LED board*
PAD002.01.004	32.4	Non adesivo / *Not adhesive*	CL075 / CL147 / CL166 / CL381
PAD002.01.002	45	Mono adesivo / *Mono adhesive*	CL078 / CL094 / CL148 / CL150 / CL382
PAD002.01.001	67	Non adesivo / *Not adhesive*	CL076 / CL151 / CL082 / CL386
PAD002.01.003	96	Non adesivo / *Not adhesive*	CL149 / CL152 / CL193 / CL355 / CL361

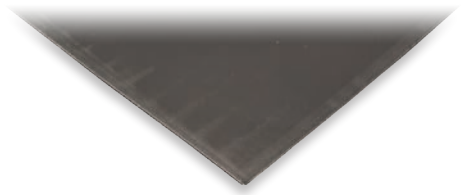
PAD TERMICI
THERMAL PADS

Codice *Code*	Tipo *Type*	Spessore *Thickness*	Conducibilità *Conductivity*	Larghezza *Width*	Lunghezza *Lenght*
PAD005.00	Biadesivo *Double-sided adhesive*	0.25 mm	1W/mk	1250 mm	A richiesta *On request*
PAD008.00	Mono adesivo *Mono-adhesive*	0.30 mm	1W/mk	300 mm	
PAD017.00	Non adesivo *Non-adhesive*	0.23 mm	1.6W/mk	1250 mm	
PAD007.01	Biadesivo *Double-sided adhesive*	0.25 mm	1W/mk	8 mm	Bobina / *Reel* 25 metri / *meter*
PAD013.00	Biadesivo *Double-sided adhesive*	0.25 mm	1W/mk	12 mm	



PAD TERMICO in grafite
Graphite THERMAL PAD

Codice *Code*	Tipo *Type*	Spessore *Thickness*	Conducibilità *Conductivity*	Dimensioni *Dimensions*
PAD002.00	Mono adesivo *Mono-adhesive*	0.30 mm	4W/mk verticale / *vertical* 500W/mk orizzontale / *horizontal*	300 x 300 mm



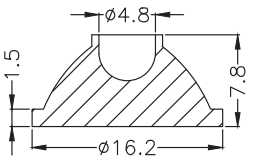
Pasta termica dissipante per LED
LED dissipating thermal paste

Codice *Code*	Conducibilità *Conductivity*	Confezione *Package*
PAS001.00	10.3W/mk	Tubo da 50gr / *50gr. tube*
PAS001.01		Tubo da 160gr / *160gr. tube*

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

LL016.015.00

Lente singola in PMMA / *PMMA single lens*

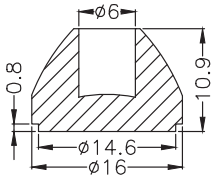


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL016.015.00	16	7.8	15°	Chiara / *Clear*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL016.025.00

Lente singola in PMMA / *PMMA single lens*

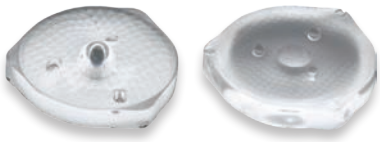


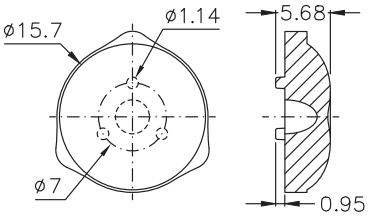
Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL016.025.00	16	10.9	25°	Chiara / *Clear*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL016.160.00

Lente aseimmetrica singola in PMMA / *PMMA asymmetric single lens*





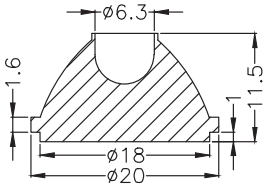
Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL016.160.00	15.7	5.68	160°	Trasparente / *Transparent*

Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL462

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL020.XXX.XX

Lente singola in PMMA / *PMMA single lens*

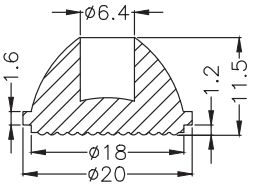


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL020.005.00	20	11.5	5°	Chiara / *Clear*
LL020.010.00			10°	Chiara / *Clear*
LL020.025.00			25°	Chiara / *Clear*
LL020.045.00			45°	Chiara / *Clear*
LL020.045.01			45°	Satinata / *Frosted*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL020.060.02

Lente singola in PMMA / *PMMA single lens*

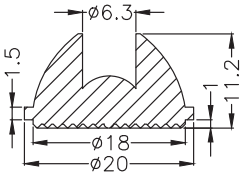


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL020.060.02	20	11.5	60°	Puntinata / *Dotted*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL020.045.08

Lente singola in PMMA / *PMMA single lens*

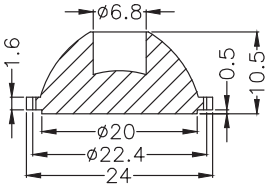


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL020.045.08	20	11.2	45°	Cerchi concentrici *Concentric circles*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL022.XXX.XX

Lente singola in PMMA / *PMMA single lens*

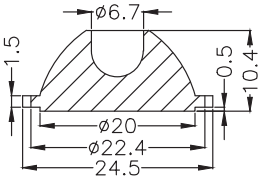


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL022.005.00	22	10.5	5°	Chiara / *Clear*
LL022.025.00			25°	

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL022.015.01

Lente singola in PMMA / *PMMA single lens*

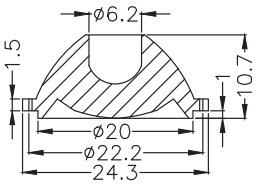


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL022.015.01	22	10.4	15°	Maculata / *Speckled*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL022.045.01

Lente singola in PMMA / *PMMA single lens*

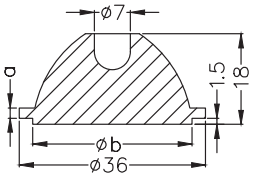


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL022.045.01	22	10.7	45°	Bordo satinato *Frosted edge*

Scheda tecnica completa sul nostro sito *Complete datasheet on our web site* **www.easrl.com**

LL036.XXX.XX

Lente singola in PMMA / *PMMA single lens*

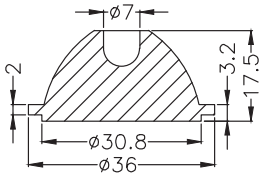


Codice *Code*	Ø mm	h mm	a mm	b Ø mm	Angolo *Angle*	Finitura *Finishing*
LL036.015.00	36	18	1.8	30.8	15°	Chiara / *Clear*
LL036.025.00			1.8	30.8	25°	
LL036.025.04			3.2	33	25°	

Scheda tecnica completa sul nostro sito *Complete datasheet on our web site* **www.easrl.com**

LL036.015.07

Lente singola in PMMA / *PMMA single lens*

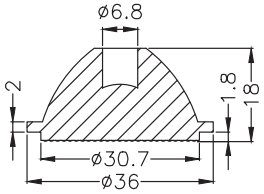


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL036.015.07	36	17.5	15°	Satinata-Maculata *Frosted-Speckled*

Scheda tecnica completa sul nostro sito *Complete datasheet on our web site* **www.easrl.com**

LL036.060.02

Lente singola in PMMA / *PMMA single lens*



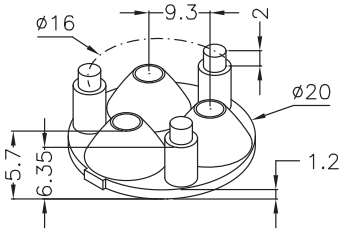
Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL036.060.02	36	18	60°	Puntinata / *Dotted*

Scheda tecnica completa sul nostro sito *Complete datasheet on our web site* **www.easrl.com**

LM020.XXX.XX

Lente a tre posizioni in PMMA / *Three position lens in PMMA*

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LM020.015.00	20	8.35	15°	Chiara / *Clear*
LM020.025.00			25°	



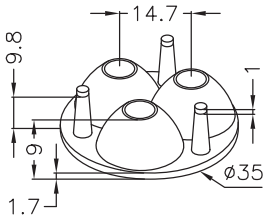
Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL073

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LM035.020.00

Lente a tre posizioni in PMMA / *Three position lens in PMMA*

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LM035.020.00	35	10.8	20°	Chiara / *Clear*



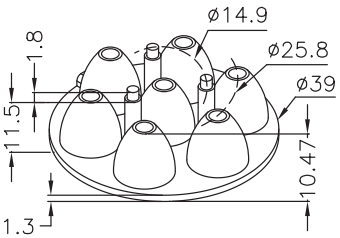
Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL003

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LM039.025.00

Lente a sette posizioni in PMMA / *Seven position lens in PMMA*

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LM039.025.00	39	13.4	25°	Satinata / *Frosted*



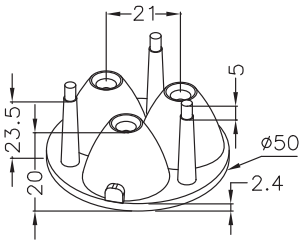
Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL041

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LM050.XXX.XX

Lente a tre posizioni in PMMA / *Three position lens in PMMA*

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LM050.025.02	50	28	25°	Puntiforme / *Dotted*
LM050.040.02			40°	



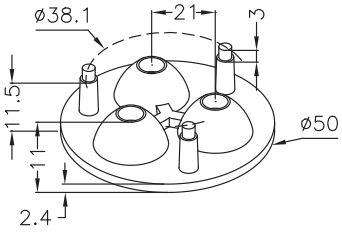
Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL012, CL028, CL036

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LM050.XXX.XX

Lente a tre posizioni in PMMA / *Three position lens in PMMA*

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LM050.025.03	50	14.5	25°	Puntiforme / *Dotted*
LM050.040.03			40°	



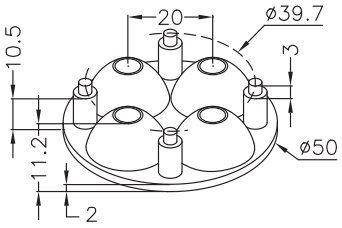
Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL012, CL028, CL036

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LM050.015.01

Lente a quattro posizioni in PMMA / *Four position lens in PMMA*

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LM050.015.01	50	13.5	15°	Puntiforme / *Dotted*



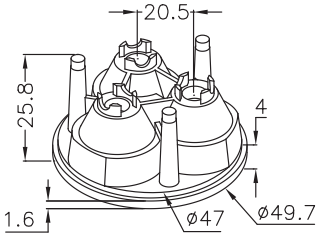
Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL024

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LM050.XXX.XX

Lente a tre posizioni in PMMA / *Three position lens in PMMA*

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LM050.015.00	49.7	25.8	15°	Chiara / *Clear*
LM050.045.01			45°	Satinata / *Frosted*



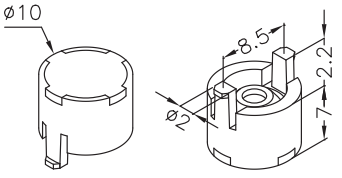
Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL041

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL010.037.10

Lente singola in PMMA con collimatore integrato
PMMA single lens with integrated collimator

Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL010.037.10	10	11.5	37°	Satinata / *Frosted*

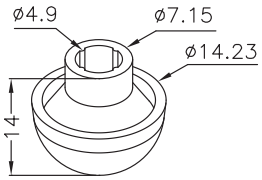


Utilizzabile con / *Usable with*
Scheda LED / *LED board* CL010

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL014.000.XXX.XX

Lente singola in PMMA / *PMMA single lens*



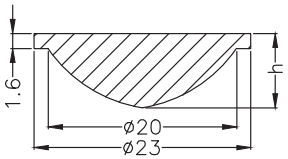
Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LL014.000.01	14.23	14	/	Chiara / *Clear*
LL014.000.02			/	IR

Utilizzabile con / *Usable with*
LED Ø 5 mm

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LP023.XXX.XX

Lente singola piano convessa in PMMA / *PMMA single lens plano-convex*

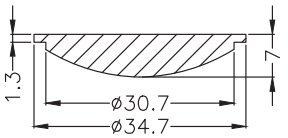


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LP023.H07.00	23	7	/	Chiara / *Clear*
LP023.H08.00		7.9	/	

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LP035.H07.06

Lente singola piano convessa in PMMA / *PMMA single lens plano-convex*

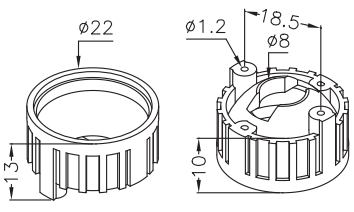


Codice *Code*	Ø mm	h mm	Angolo *Angle*	Finitura *Finishing*
LP035.H07.06	34.7	7	/	Diamante / *Diamond*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

COL020.01

Collimatore / *Collimator*



Codice *Code*	Ø mm	h mm
COL020.01	22	12

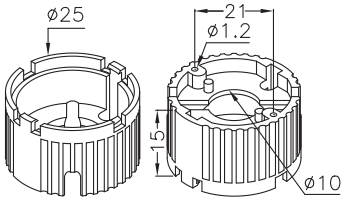
Abbinabile a / *Combinable with*
Lente Ø 20 mm serie LL020... da ordinare separatamente
Ø 20 mm LL020... lens series to be ordered separately

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

COL022.03

Collimatore / *Collimator*

Codice *Code*	Ø mm	h mm
COL022.03	25	15



Abbinabile a / *Combinable with*

Lente Ø 22 mm serie LL022... da ordinare separatamente

Ø 22 mm LL022... lens series to be ordered separately

Scheda tecnica completa sul nostro sito

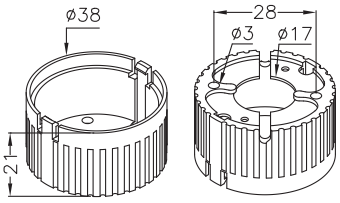
Complete datasheet on our web site

www.easrl.com

COL036.01

Collimatore / *Collimator*

Codice *Code*	Ø mm	h mm
COL036.01	38	21



Abbinabile a / *Combinable with*

Lente Ø 36 mm serie LL036... da ordinare separatamente

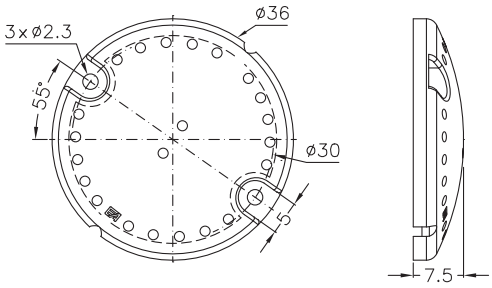
Ø 36 mm LL036... lens series to be ordered separately

Scheda tecnica completa sul nostro sito

Complete datasheet on our web site

www.easrl.com

LL036.000.XX

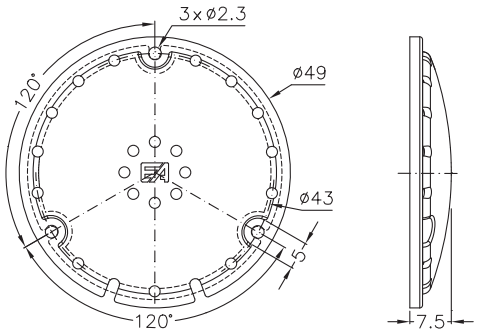


Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL036.000.00	36	7.5	PC	Trasparente / *Transparent*
LL036.000.01				Opale / *Opal*
LL036.000.03				Satinata / *Frosted*

Abbinabile a schede LED / *Combined with LED board*
CL075 / CL147 / CL166 / CL381

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL049.000.XX

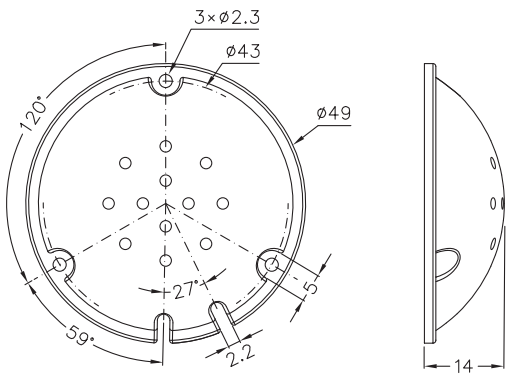


Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL049.000.00	49	7.5	PC	Trasparente / *Transparent*
LL049.000.01				Opale / *Opal*
LL049.000.03				Satinata / *Frosted*

Abbinabile a schede LED / *Combined with LED board*
CL078 / CL094 / CL148 / CL382

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL049.A00.00



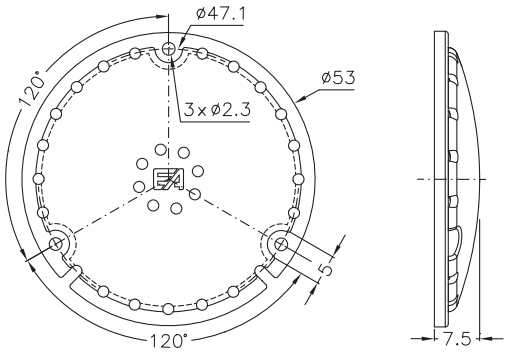
Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL049.A00.00	49	14	PC	Trasparente / *Transparent*

Abbinabile a schede LED / *Combined with LED board*
CL405

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL053.000.XX

Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL053.000.00	53	7.5	PC	Trasparente / *Transparent*
LL053.000.01				Opale / *Opal*
LL053.000.03				Satinata / *Frosted*

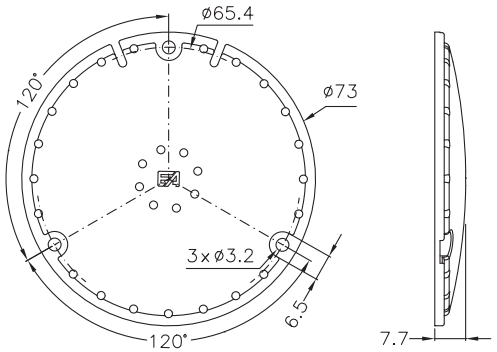


Abbinabile a schede LED / ***Combined with LED board***
CL150

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL073.000.XX

Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL073.000.01	73	7.7	PC	Trasparente / *Transparent*
LL073.000.03				Satinata / *Frosted*

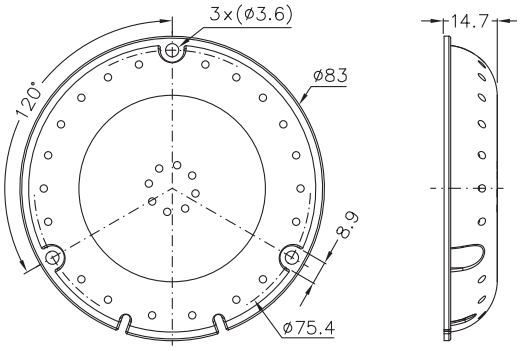


Abbinabile a schede LED / ***Combined with LED board***
CL076 / CL151 / CL386

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL083.A00.00

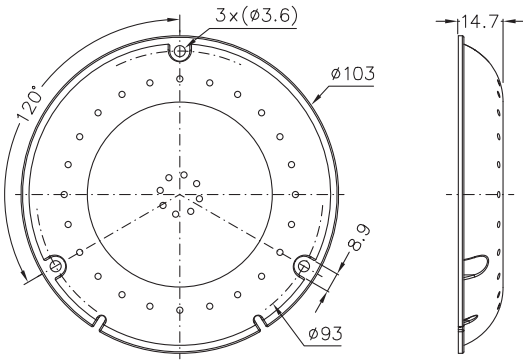
Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL083.A00.00	83	14.7	PC	Trasparente / *Transparent*



Abbinabile a schede LED / ***Combined with LED board***
CL360

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL103.A00.00

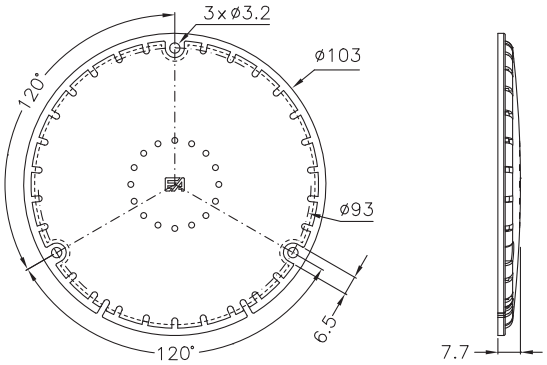


Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL103.A00.00	103	14.7	PC	Trasparente / *Transparent*

Abbinabile a schede LED / *Combined with LED board*
CL361

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL103.000.XX

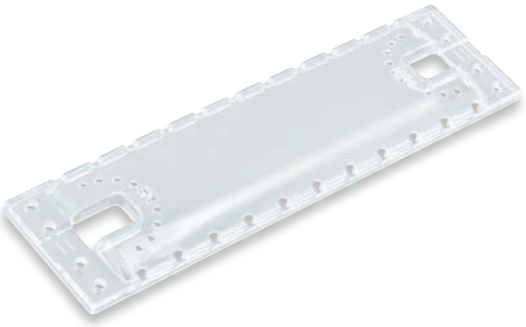


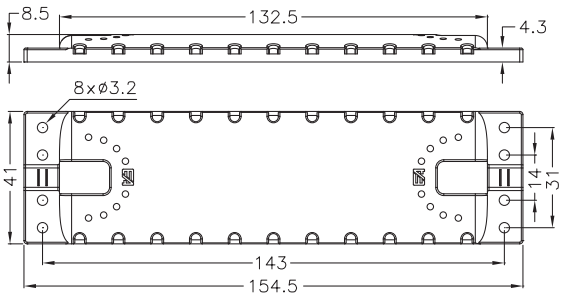
Codice *Code*	Ø mm	h mm	Materiale *Material*	Finitura *Finishing*
LL103.000.00	103	7.7	PC	Trasparente / *Transparent*
LL103.000.01				Opale / *Opal*
LL103.000.03				Satinata / *Frosted*

Abbinabile a schede LED / *Combined with LED board*
CL149 / CL152 / CL193 / CL355

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

LL15441.000.XX





Codice *Code*	mm	h mm	Materiale *Material*	Finitura *Finishing*
LL15441.000.00	154.5 x 41	7.7	PC	Trasparente / *Transparent*
LL15441.000.01				Opale / *Opal*
LL15441.000.03				Satinata / *Frosted*

Abbinabile a schede LED / *Combined with LED board*
CL083

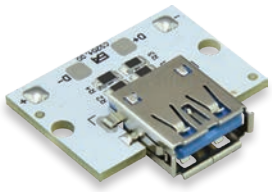
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

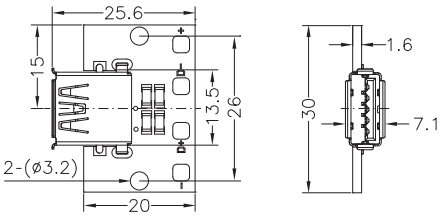
CNT033.01

Connettore USB Type-A / *USB Type-A connector*

USB-A

1





Connettore remoto USB Type-A per carica cellulare, input e output max 5Vdc.

USB Type-A remote connector for mobile phone charging, input and output max 5Vdc.

Utilizzabile con / *It can be used with*
Scheda di controllo **CTC011A** / ***CTC011A*** *control electronic board*

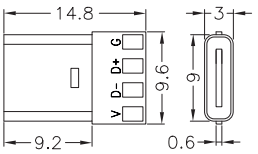
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CNT24.SK.WW.SI.018

Connettore USB Type-C / *USB Type-C connector*

USB-C

1



Connettore di alimentazione remoto USB Type-C.

USB Type-C remote power connector.

Utilizzabile con / *It can be used with*
Scheda di controllo / *control electronic board* **CTC011A**, **CTC445**

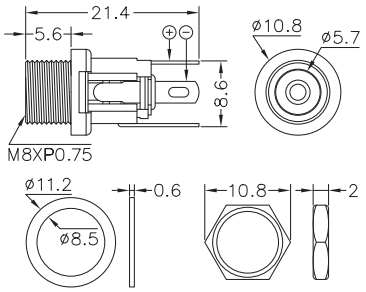
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CNT02.SK.WW.BL.015

Connettore femmina DC-plug / *Female DC-plug connector*

DC Plug

1



Connettore di alimentazione remoto DC-plug femmina.

Female DC-plug remote power connector.

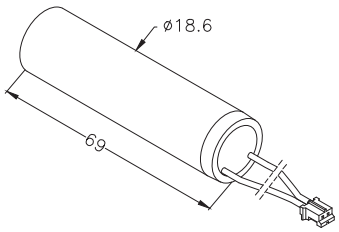
Utilizzabile con / *It can be used with*
Scheda di controllo / *control electronic board* **CTC011A**, **CTC445**

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BAT005.00

Batteria ricaricabile al Li-ion / *Rechargeable Li-ion battery*

1



Caratteristiche elettriche *Electrical characteristics*	Cavo *Cable*
3.7V - 2600mAh - mod. 18650	cm 20 completi di connettore *20-cm-long cable and plug connectors*

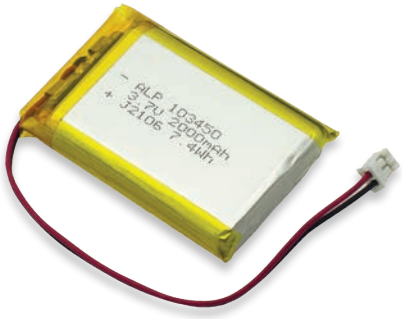
Con circuito di protezione (PCM) / *With protection circuit module (PCM)*

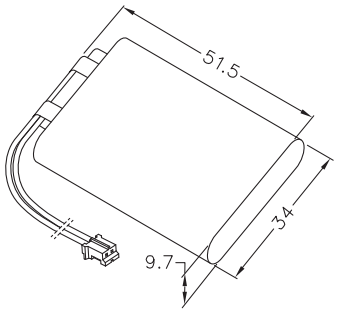
Utilizzabile con / *It can be used with*
Scheda di controllo / *control electronic board* **CTC011A**, **CTC445**

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BAT006.00

Batteria ricaricabile Li-Po / *Rechargeable Li-Po battery*





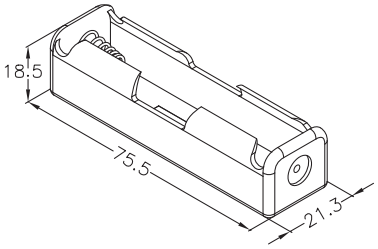
Caratteristiche elettriche *Electrical characteristics*	Cavo *Cable*
3.7V - 2000mAh - mod. 103450	cm 10 completi di connettore *10-cm-long cable and plug connectors*

Utilizzabile con / *It can be used with*
Scheda di controllo / *control electronic board* **CTC445**

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

BAH.001.00

Custodia in plastica per batteria / *Plastic holder for battery*



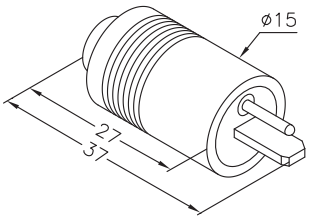
Custodia in plastica per batteria Li-ion codice **BAT005.00**.

*Plastic holder for Li-ion battery code **BAT005.00**.*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

CNT014.00

Connettore maschio 2 poli DIN / *2-pole DIN male connector*



Connettore maschio 2 poli DIN +/-
Per alimentatori mod. ALS... e driver mod. DRS... a spina integrata.

2-pole DIN +/- male connector
For wall mount power supplies mod. ALS... and drivers mod. DRS...

Fissaggio cavi / *Cable fixing:* Morsetti a vite / *Screw fixing*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

NASTRI BIADESIVI
DOUBLE-SIDED TAPES

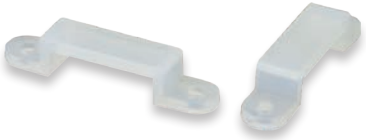
Codice *Code*	Tipo *Type*	Spessore *Thickness*	Larghezza *Width*	Bobina *Reel*
NAS018.00	Biadesivo rosso VHB *RED VHB double-sided*	1 mm	8 mm	33 metri / *meter*
PAD009.00	3M 55230H Biadesivo *Double-sided*	0.16 mm	8 mm	50 metri / *meter*
PAD010.00			6 mm	
PAD013.00			12 mm	25 metri / *meter*
PAD011.00	3M 300LSE Biadesivo, ottima aderenza e resistenza *Double-sided, excellent adherence and resistance*	0.17 mm	10 mm	55 metri / *meter*
PAD012.00			8 mm	
PAD014.00			14 mm	

TAP002.00

Tappo di chiusura per strip LED IP65, con foro di uscita per cavi tondi
End cap for IP65 LED strip with exit hole for round cables

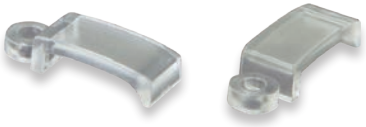
SUP095.01

Blocca strip LED, in silicone con viti incluse
Silicone LED strip clamp with screws included



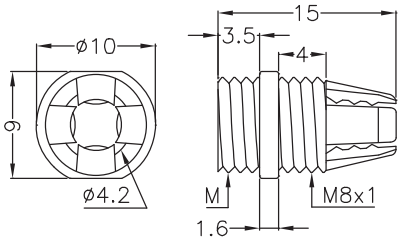
SUP095.02

Blocca strip LED, in PC trasparente con viti incluse
Transparent PC LED strip clamp with screws included



0103.003...

Mini bloccacavo / *Mini cable clamp*



Codice *Code*	(M)	Cavo tondo / *Round cable* Ø min÷max
0103.003.01.103	M10x1	2.3÷4 mm
0103.003.02.103	M8x1	
0103.003.03.103	M6x1	

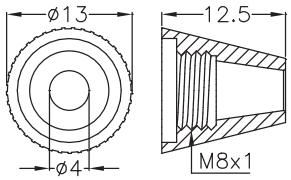
Materiale / *Material*

Policarbonato trasparente / *Transparent polycarbonate*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

0105.003.01.103

Ghiera per mini bloccacavo / *Ring for mini cable clamp*



Codice *Code*	(M)	h mm
0105.003.01.103	M8x1 interno / *internal*	12.5

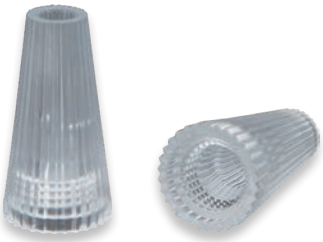
Materiale / *Material*

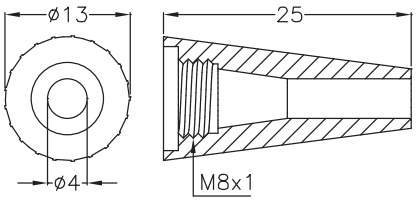
Policarbonato trasparente / *Transparent polycarbonate*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

0105.003.02.103

Ghiera per mini bloccacavo / *Ring for mini cable clamp*





Codice *Code*	(M)	h mm
0105.003.02.103	M8x1 interno / *internal*	25

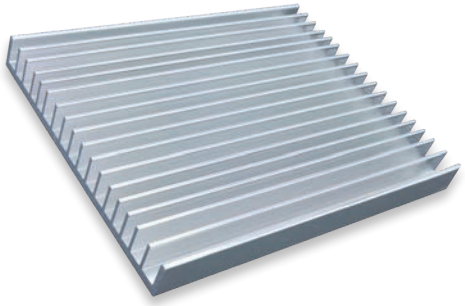
Materiale / *Material*

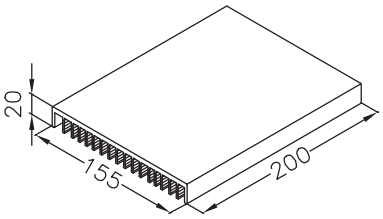
Policarbonato trasparente / *Transparent polycarbonate*

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DIL210.0200.XXX

Dissipatore in alluminio anodizzato / *Anodized aluminium heatsink*





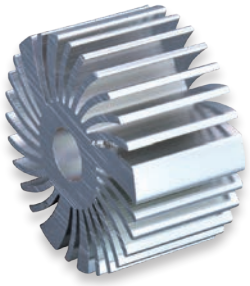
Codice *Code*	mm	Finitura *Finishing*
DIL210.0200.001	200 x 155 x 20	Anodizzato lucido / *Polished anodized*
DIL210.0200.002		Anodizzato nero / *Black anodized*

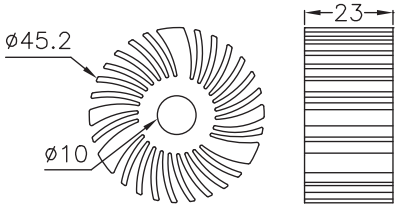
Potenza massima dissipata / *Max. dissipated power:* 22W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DIS007.0023.001

Dissipatore in alluminio anodizzato / *Anodized aluminium heatsink*





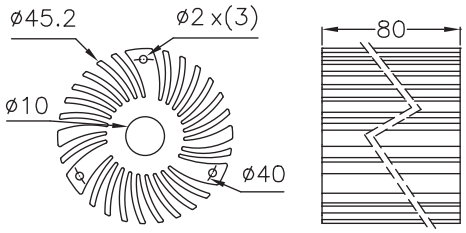
Codice *Code*	Ø mm	h mm	Foro centrale *Central hole*	Finitura *Finishing*
DIS007.0023.001	45.2	23	Ø 10 mm	Anodizzato lucido *Polished anodized*

Potenza massima dissipata / *Max. dissipated power:* 4W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DIS007.0080.010

Dissipatore in alluminio anodizzato / *Anodized aluminium heatsink*



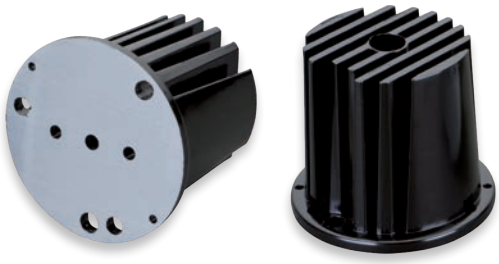
Codice *Code*	Ø mm	h mm	Foro centrale *Central hole*	Finitura *Finishing*
DIS007.0080.010	45.2	80	Ø 10 mm	Anodizzato lucido *Polished anodized*

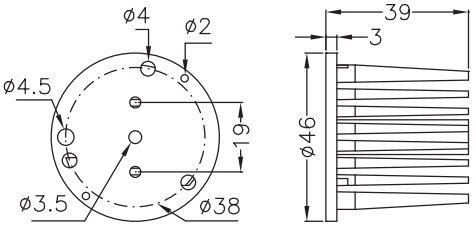
Potenza massima dissipata / *Max. dissipated power:* 10W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DISE02.0039.002

Dissipatore in alluminio anodizzato / *Anodized aluminium heatsink*





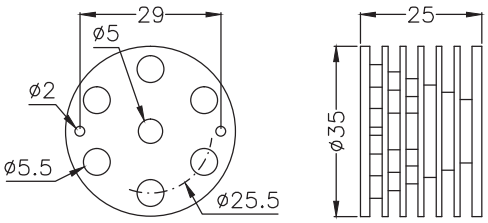
Codice *Code*	Ø mm	h mm	Rht	Finitura *Finishing*
DISE02.0039.002	46	39	7°C/W	Anodizzato nero *Black anodized*

Potenza massima dissipata / *Max. dissipated power:* 7W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DISE05.0025.000

Dissipatore in alluminio anodizzato / *Anodized aluminium heatsink*



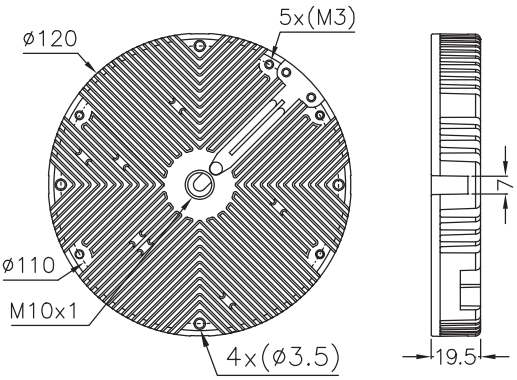
Codice *Code*	Ø mm	h mm	Foro centrale *Central hole*	Finitura *Finishing*
DISE05.0025.000	35	25	Ø 5 mm	Alluminio *Aluminium*

Potenza massima dissipata / *Max. dissipated power:* 7W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

DISE07.0120.020

Dissipatore in alluminio anodizzato / *Anodized aluminium heatsink*



Codice *Code*	Ø mm	h mm	Foro centrale *Central hole*	Finitura *Finishing*
DISE07.0120.020	120	19.5	M10x1	Anodizzato nero *Black anodized*

Potenza massima dissipata / *Max. dissipated power* 17W

Scheda tecnica completa sul nostro sito
Complete datasheet on our web site
www.easrl.com

EA Lighting solutions

Catalogo LED EA 07 - ©EA srl
Progetto e realizzazione grafica EA srl
Finito di stampare nel mese di Ottobre 2024
Rev. 05 del 26/05/2026

Schede tecniche e maggiori informazioni
sul nostro sito web e sul profilo Linkedin

Technical data sheets and more information
on our website and the LinkedIn profile

www.easrl.com

linkedin.com/company/ea-srl-lighting-solutions

01 **Schede LED in bassa tensione**
Low voltage LED boards

02 **Schede LED a tensione di rete**
Main voltage LED boards

03 **Moduli LED in bassa tensione**
Low voltage LED modules

04 **Moduli LED a tensione di rete**
Main voltage LED modules

05 **Moduli LED per il Relamping**
LED modules for Relamping

06 **Strip LED e Profili in alluminio**
LED strip and Aluminium profiles

07 **Tubi LED flessibili in silicone**
Flexible silicone LED tubes

08 **Elettronica di controllo**
Control electronics

09 **Sistema QUICK-LED**
QUICK-LED system

10 **Driver LED**
LED Drivers

11 **Alimentatori LED**
LED Power supplies

12 **Cavi flessibili**
Frexible cables

13 **Accessori LED**
LED accessories

EA Lighting solutions

Strada degli Angariari, 25
47891 Falciano
Repubblica di San Marino

0549.905.778
Other countries (++)378.905.778

www.easrl.com

ea@easrl.com

linkedin.com/company/ea-srl-lighting-solutions

rev05-260526