

Componenti per l'illuminazione

Schede LED - Moduli LED - Schede elettroniche - Accessori

Lighting components

PCB LED boards - LED modules - Electronic boards - Accessories



Soluzioni per l'illuminazione e il controllo della luce
Lighting solutions and light control

Catalogo LED | *LED Catalogue*

06



Le informazioni contenute all'interno del presente catalogo devono intendersi come generali sulle caratteristiche e sull'utilizzo del prodotto, e sono ricavate dalle schede tecniche dei rispettivi produttori.

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Schede tecniche complete e condizioni generali di vendita | Complete datasheet and general sales conditions

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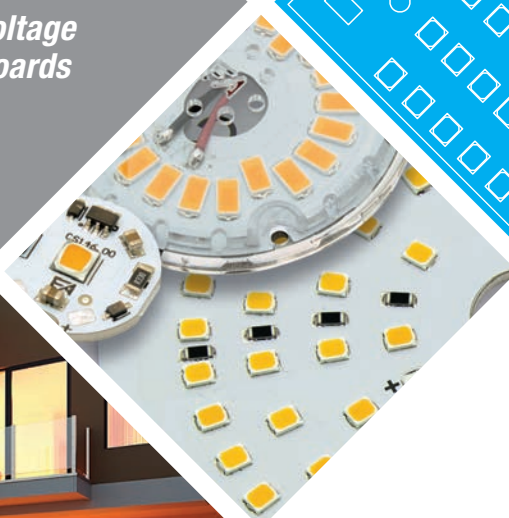
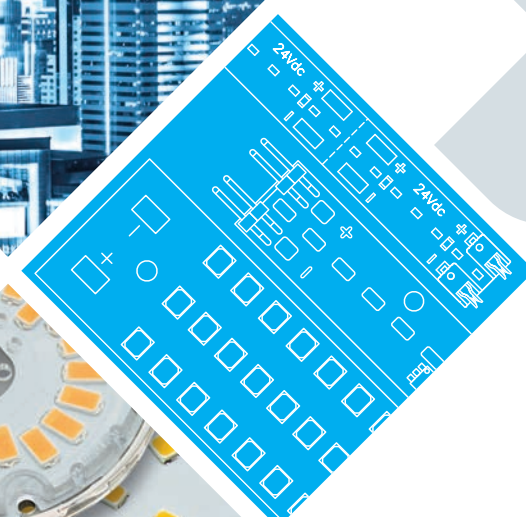


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01

Schede LED
in bassa tensione
*Low voltage
LED boards*



Simbologia | Symbols

Durata di vita della sorgente luminosa / <i>Lifetime of the light source</i>	
Classe efficienza energetica / <i>Energy efficiency class</i>	
Scheda LED in corrente costante / <i>Constant current LED board</i>	
Scheda LED in tensione costante / <i>Constant voltage LED board</i>	
Scheda LED RGB / <i>RGB LED board</i>	
Angolo fascio luminoso / <i>Beam angle</i>	
Modulo LED da incorporare / <i>Built-in lighting module</i>	
Flessibile / <i>Flexible</i>	
Linkabile / <i>Linkable</i>	
Divisibile / <i>Divisible</i>	
Dimmerabile / <i>Dimmable</i>	
Ordine minimo / <i>Minimum order</i>	

Alimentatore/Driver | Power supply unit/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/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/driver has such protections.

Tolleranze | Tolerances

Valori elettrici / *Electrical values* (@25°): ±10%

Dimensionali / *Dimensional*: ±0.15mm

Spessore PCB / *PCB thickness*: ±10%

Ø fori / *hole Ø*: ±0.1mm

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.

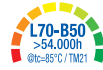
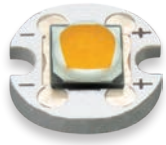
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CL008

Scheda LED a corrente costante
Constant current LED board



lm max
320

W max
2.1



Ø 8 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA
V _F Max	3V
Max power	2.1W
Max lumen	320 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	1
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 8 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

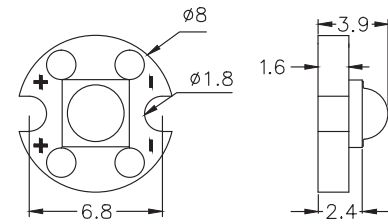


Cap. / Ch. 11

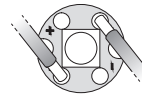
Cavo
Cable



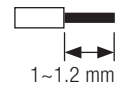
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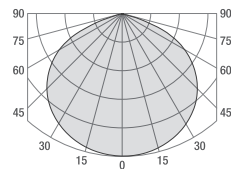
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25~0.5mm² / AWG24~AWG20



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL008 | XXXXX | .XXXAB

① Codice fisso / Fixed code CL008 _ XXXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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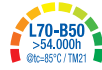
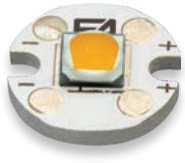


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL010

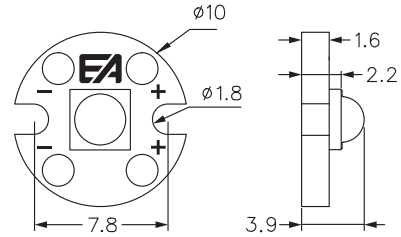
Scheda LED a corrente costante
Constant current LED board



Im max
320



W max
2.1



∅ 10 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA
V _F Max	3V
Max power	2.1W
Max lumen	320 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	1
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 10 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

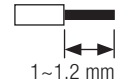


Cap. / Ch. 10

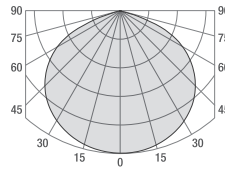
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25~0.5mm² / AWG24~AWG20



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL010 | XXXXX | .XXXAB |

① Codice fisso / Fixed code CL010 _ XXXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL066

Scheda LED a corrente costante
Constant current LED board



∅ 14.8 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA, 1050mA, 1400mA
V _F Max	3V
Max power	4.2W
Max lumen	640 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	2
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 14.8 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

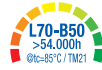


Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

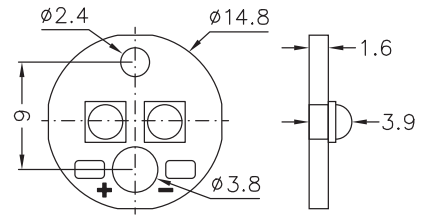


Im max
640

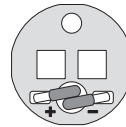
W max
4.2



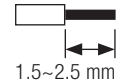
120°



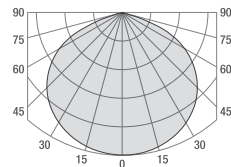
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL066 | XXXXX | .XXXAB

1

2

1

1 Codice fisso / Fixed code

CL066 _ XXXAB

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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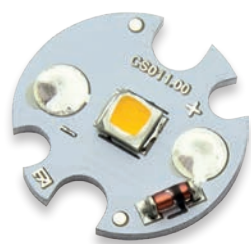


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL011

Scheda LED a corrente costante
Constant current LED board



∅ 17 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA
V _F Max	3V
Max power	2.1W
Max lumen	320 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	1
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 17 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

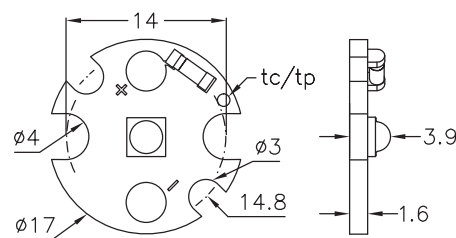


Cap. / Ch. 10

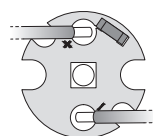


Im max
320

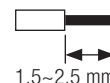
W max
2.1



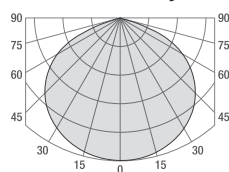
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL011 | XXXXX | .XXXAB |

① Codice fisso / Fixed code CL011 _ XXXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL139

Scheda LED a corrente costante
Constant current LED board



Im max
244



W max
2.5



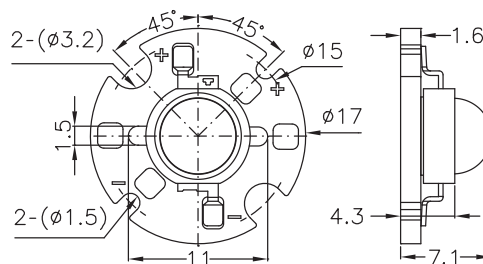
∅ 17 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA
V _F Max	3.5V
Max power	2.5W
Max lumen	244 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2750K, 2950K, 3150K, 3950K, 5300K
Step MacAdam (SDCM)	5
PCB	IMS 1.6 mm
LED type	PROLIGHT®
LED q.ty	1
Beam angle	130°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤350mA in aria con t _a <40°C Self dissipated ≤350mA with t _a <40°C
Dimensions	∅ 17 mm x h 7.1 mm

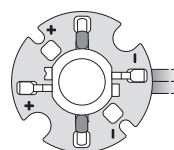
Temperatura d'esercizio / Working temperature (Tmax)

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

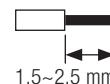
To be tested on final application measured at LED board t_c / t_p (if present) or at the nearest point to the LED



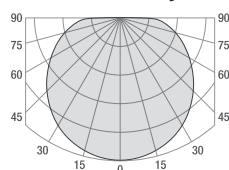
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL139 | XXXXX | XXXG

1 Codice fisso / Fixed code

CL139_XXXG

2 CCT

CRI>80

2750K

27805

2950K

29805

3150K

31805

3950K

39805

5300K

53805

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lenti
Lenses



Cap. / Ch. 11



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Riferimenti normativi / Normative requirements

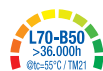
EN 62031 / EN 62471 / IEC TR 62778

CL057

Scheda LED a corrente costante
Constant current LED board



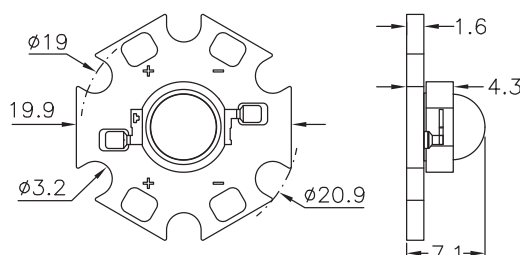
∅ 20.9 mm | Dimensioni reali | Real size



Im max
244



W max
2.5



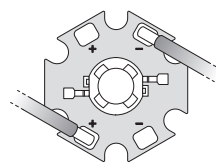
Input CC	350mA, 500mA, 700mA
V _F Max	3.5V
Max power	2.5W
Max lumen	244 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2750K, 2950K, 3150K, 3950K, 5300K
Step MacAdam (SDCM)	5
PCB	IMS 1.6 mm
LED type	PROLIGHT®
LED q.ty	1
Beam angle	130°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata ≤350mA in aria con t _a <40°C Self dissipated ≤350mA with t _a <40°C
Dimensions	∅ 20.9 mm x h 7.1 mm

Temperatura d'esercizio / Working temperature (Tmax)

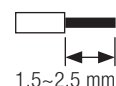
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED

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

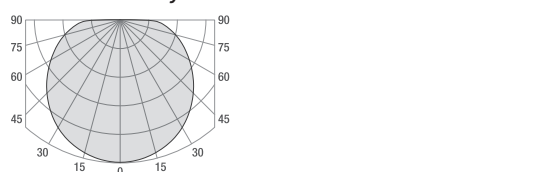
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL057 | XXXXX | . | XXXG |

① Codice fisso / Fixed code

CL057 _ XXXG

② CCT

CRI>80

2750K

27805

2950K

29805

3150K

31805

3950K

39805

5300K

53805

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lenti
Lenses



Cap. / Ch. 11



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL072

Scheda LED a corrente costante
Constant current LED board



∅ 20.9 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	3.1V
Max power	3.3W
Max lumen	456 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	1
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 20.9 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

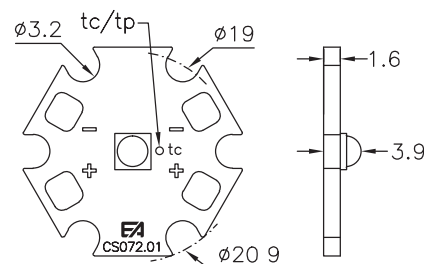


Cap. / Ch. 10

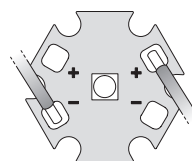


Im max
456

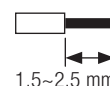
W max
3.3



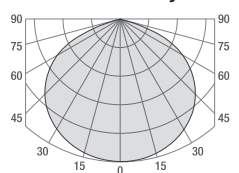
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL072 | **XXXXX** | **XXXAB**

① | ② | ①

① Codice fisso / Fixed code CL072 _ XXXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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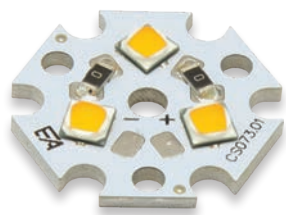


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL073_XI

Scheda LED a corrente costante
Constant current LED board



∅ 20.9 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA
V _F Max	8.8V
Max power	6.1W
Max lumen	960 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 20.9 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

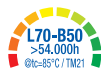


Cap. / Ch. 10

Lenti
Lens



Cap. / Ch. 11

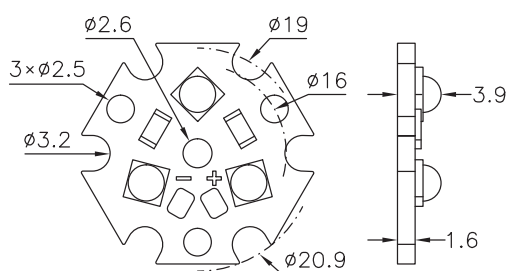


Im max
960

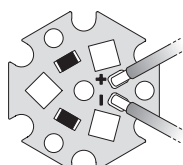
W max
6.1



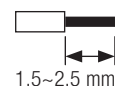
120°



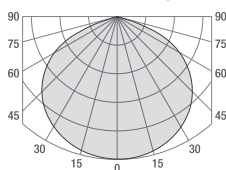
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL073 | **XXXXX** | **XIXXAB**

① Codice fisso / Fixed code

CL073_XIXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL081

Scheda LED a corrente costante
Constant current LED board



∅ 20.9 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA
V _F Max	6V
Max power	4.2W
Max lumen	640 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	2
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 20.9 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

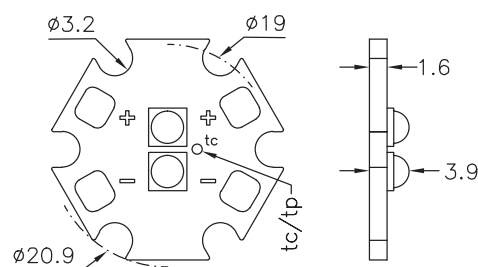


Cap. / Ch. 10

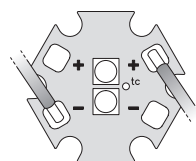


Im max
640

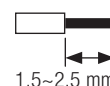
W max
4.2



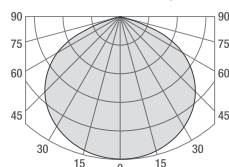
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL081 | XXXXX | . XXXAB

① Codice fisso / Fixed code

CL081 _ XXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL146

Scheda LED a tensione costante
Constant voltage LED board



∅ 17 mm | Dimensioni reali | Real size

Input CV	12/24Vdc
Max power	1.6W
Max lumen	200 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	1
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 17 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

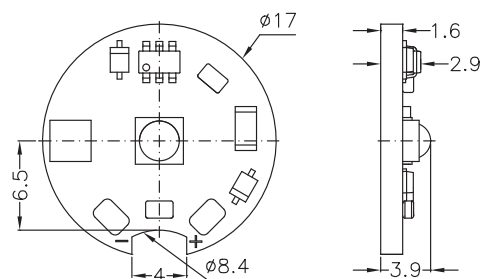
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



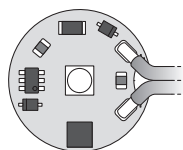
Im max
200



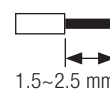
W max
1.6



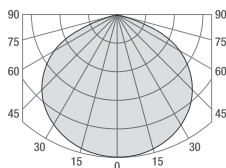
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL146 | **XXXXX** | **XN016XXAB**

① | ② | ①

① Codice fisso / Fixed code	CL146_XN016XXAB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5700K	57803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

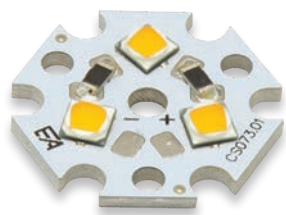
Cavo
Cable



Cap. / Ch. 10

CL073_XV

Scheda LED a tensione costante
Constant voltage LED board



∅ 20.9 mm | Dimensioni reali | Real size

Input CV	12Vdc
Max power	5.5W
Max lumen	650 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 20.9 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

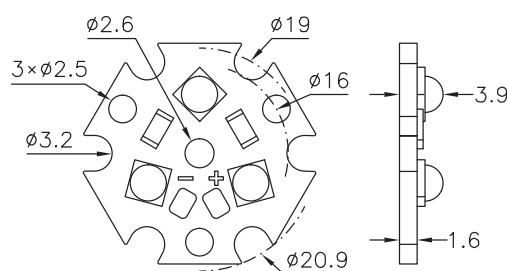
To be tested on final application measured at LED board t_c / t_p (if present) or at the nearest point to the LED



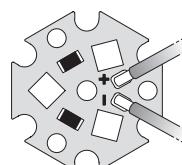
Im max
650



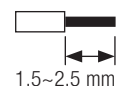
W max
5.5



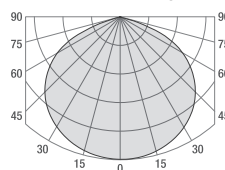
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL073 | **XXXXX** | **XV055XXAB**

① Codice fisso / Fixed code CL073_XV055XXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lenti
Lens



Cap. / Ch. 11



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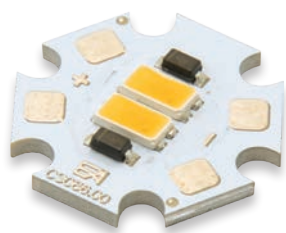


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL086

Scheda LED a tensione costante
Constant voltage LED board



Ø 21.2 mm | Dimensioni reali | Real size

Input CV	24Vdc
Max power	0.8W
Max lumen	117 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	2
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata in aria con t _a <40°C Self dissipated with t _a <40°C
Dimensions	Ø 21.2 mm x h 2.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

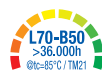


Cap. / Ch. 11

Cavo
Cable



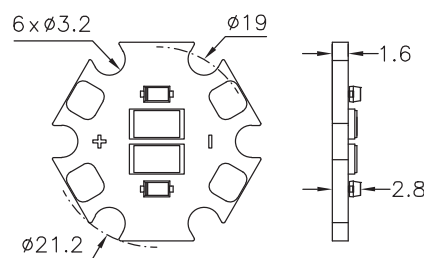
Cap. / Ch. 10



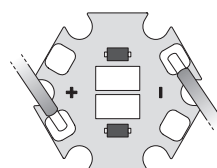
Im max
117



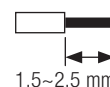
W max
0.8



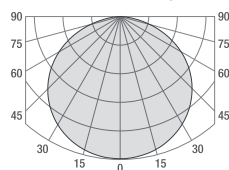
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL086 | XXXXX | XV008XXAE

① Codice fisso / Fixed code

CL086 _ XV008XXAE

② CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

6500K

65803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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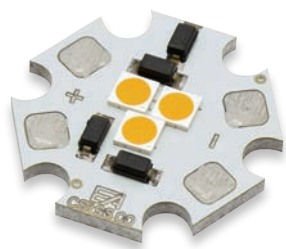


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL196

Scheda LED a tensione costante
Constant voltage LED board



∅ 21.2 mm | Dimensioni reali | Real size

Input CV	24Vdc
Max power	3W
Max lumen	332 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3030
LED q.ty	2
Beam angle	116°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 21.2 mm x h 2.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

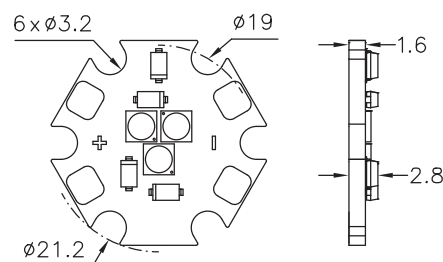


Im max
332

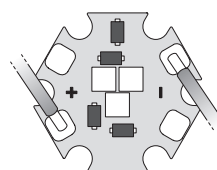
W max
3



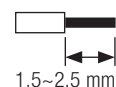
116°



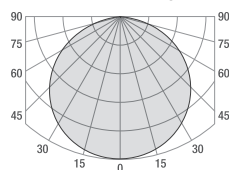
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL196 | **XXXXX** | **XV030XXDB**

① | ② | ①

① Codice fisso / Fixed code	CL196_XV030XXDB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Scheda tecnica completa sul nostro sito
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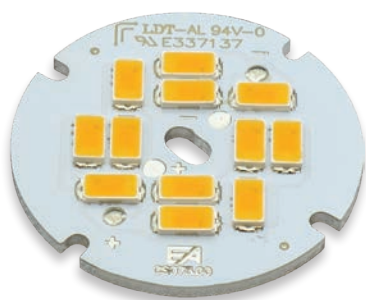


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL075

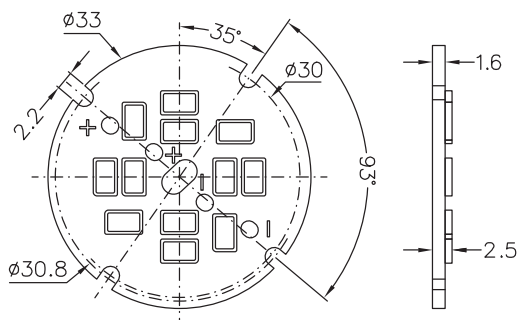
Scheda LED a corrente costante
Constant current LED board



Im max
640



W max
4.1



Input CC	350mA, 500mA, 700mA
V _F Max	5.9V
Max power	4.1W
Max lumen	640 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K, 6300K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	12
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 33 mm x h 2.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



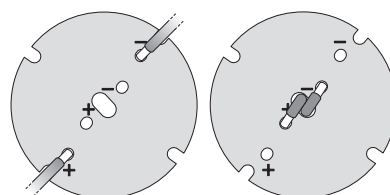
Cap. / Ch. 10

Cover

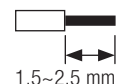


Cap. / Ch. 11

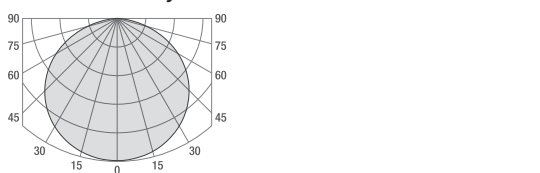
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL075 | XXXXX | .XXXAD |

① Codice fisso / Fixed code

CL075 _XXXAD

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5000K

57803

/

6300K

63803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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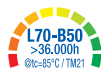
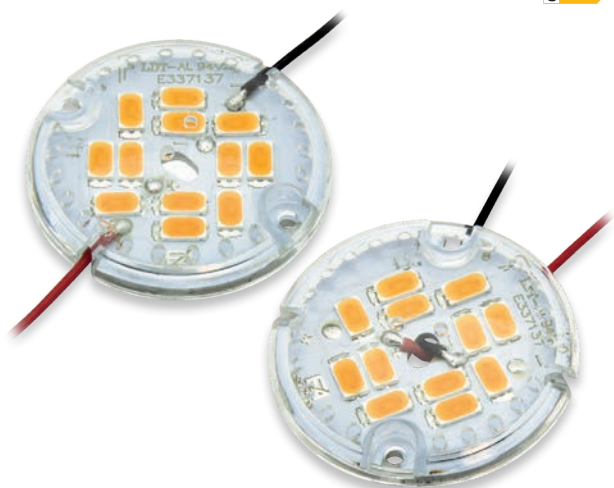


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL075 + Cover trasparente Transparent cover

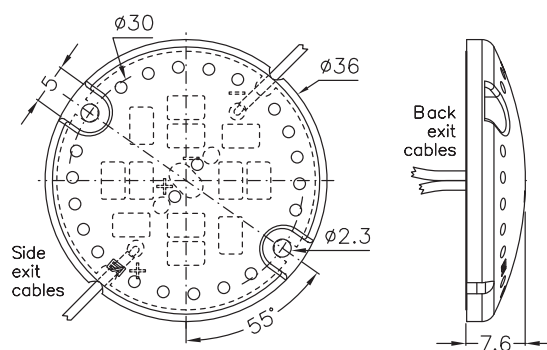
Scheda LED a corrente costante
Constant current LED board



Im max
589



W max
4.1



Input CC	350mA, 500mA, 700mA
V _F Max	5.9V
Max power	4.1W
Max lumen	589 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K, 6300K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	12
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.6 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



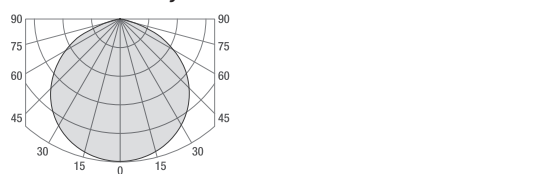
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL075 | **XXXXX** | **XXX** | **YAD**

① | ② | ③ | ①

① Codice fisso / Fixed code

CL075 _ YAD

② CCT

CRI>80

CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	57803	/
6300K	63803	/

③ Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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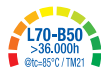


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL075 + Cover satinata Frosted cover

Scheda LED a corrente costante
Constant current LED board



A
+
G
E

lm max
493



W max
4.1



Input CC	350mA, 500mA, 700mA
V _F Max	5.9V
Max power	4.1W
Max lumen	493 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K, 6300K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	12
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.6 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

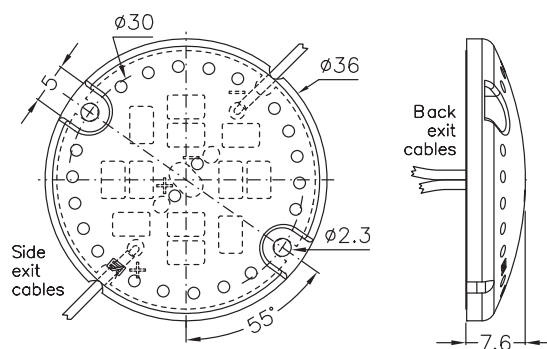


Cap. / Ch. 11

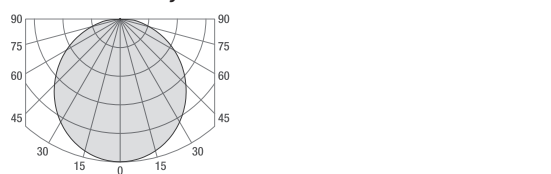
Cavo
Cable



Cap. / Ch. 10



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL075 | XXXXX | .XXX | ZAD |

1 Codice fisso / Fixed code

CL075 _ ZAD

2 CCT

CRI>80

CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	57803	/
6300K	63803	/

3 Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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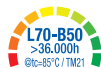
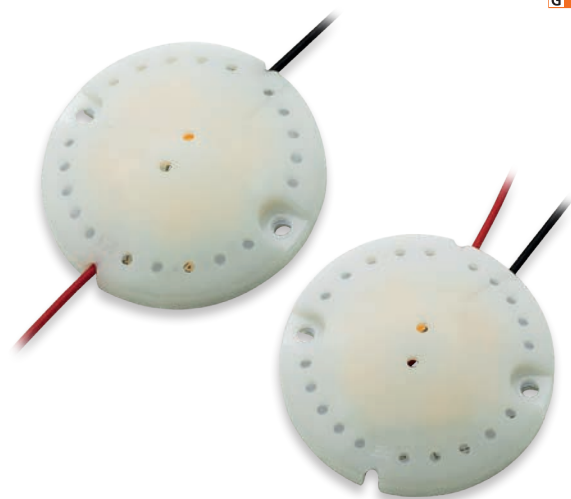


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL075 + Cover opale Opal cover

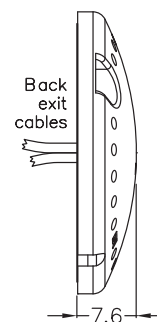
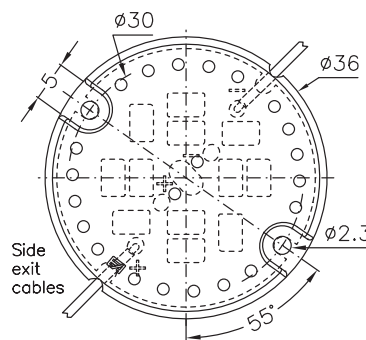
Scheda LED a corrente costante
Constant current LED board



lm max
410



W max
4.1



Input CC	350mA, 500mA, 700mA
V _F Max	5.9V
Max power	4.1W
Max lumen	410 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K, 6300K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	12
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.6 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



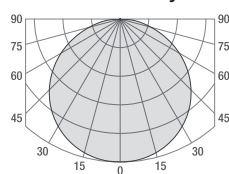
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL075 | **XXXXX** | **XXX** | **WAD**

① | ② | ③ | ①

① Codice fisso / Fixed code

CL075 _ WAD

② CCT

CRI>80

CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	57803	/
6300K	63803	/

③ Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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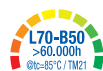
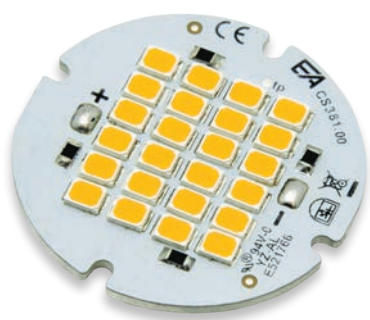


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XI

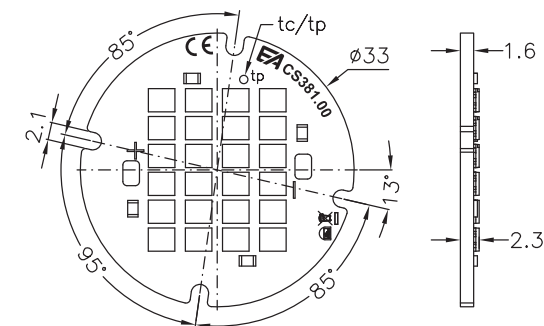
Scheda LED a corrente costante
Constant current LED board



lm max
890



W max
5.9



Input CC	150mA, 250mA
V _F Max	23.8V
Max power	5.9W
Max lumen	890 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 33 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

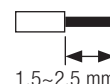
Cover



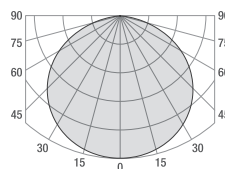
Cap. / Ch. 11

Cablaggio standard / Standard wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL381 | XXXXX | XIXXBA

1

2

1

1 Codice fisso / Fixed code

CL381_XIXXBA

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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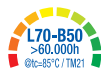


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XI + Cover trasparente Transparent cover

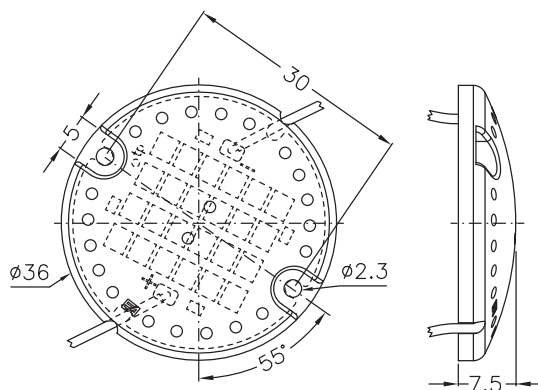
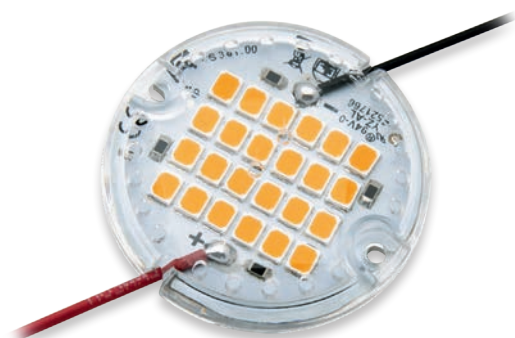
Scheda LED a corrente costante
Constant current LED board



Im max
818



W max
5.9



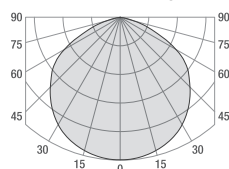
Input CC	150mA, 250mA
V _F Max	23.8V
Max power	5.9W
Max lumen	818 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL381 | XXXXX | XIAXYBA

1

2

1

1 Codice fisso / Fixed code

CL381_XIAXYBA

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XI + Cover satinata Frosted cover

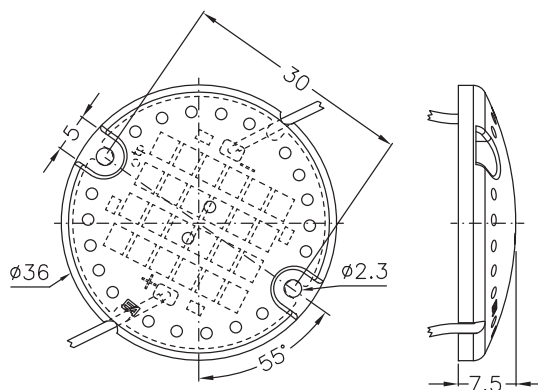
Scheda LED a corrente costante
Constant current LED board



Im max
685



W max
5.9



Input CC	150mA, 250mA
V _F Max	23.8V
Max power	5.9W
Max lumen	685 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



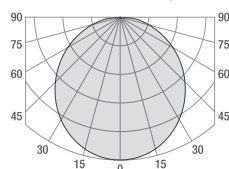
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL381 | XXXXX | XIAXZBA

1

2

1

1 Codice fisso / Fixed code

CL381_XIAXZBA

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XI + Cover opale Opal cover

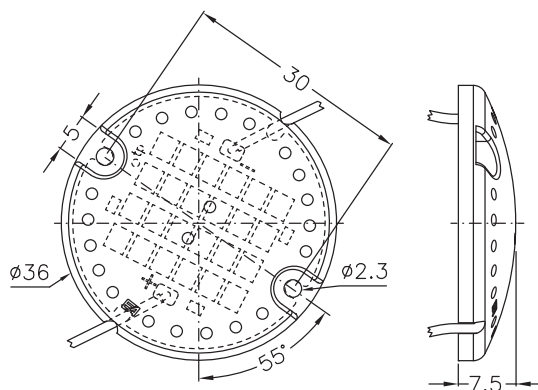
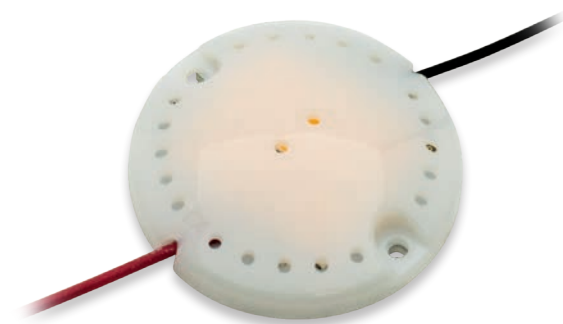
Scheda LED a corrente costante
Constant current LED board



Im max
569



W max
5.9



Input CC	150mA, 250mA
V _F Max	23.8V
Max power	5.9W
Max lumen	569 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



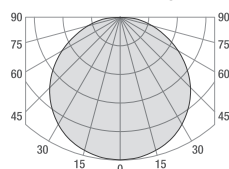
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL381 | **XXXXX** | **XIAXWBA**

①

②

①

① Codice fisso / Fixed code

CL381_XIAXWBA

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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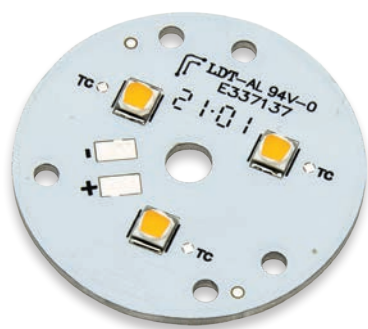


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL003

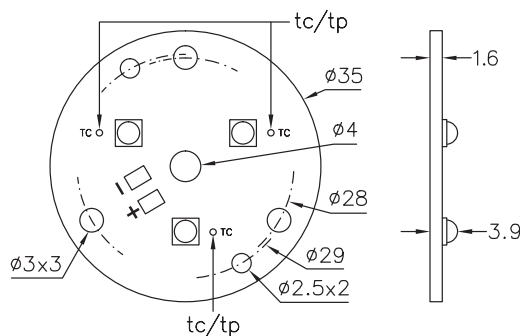
Scheda LED a corrente costante
Constant current LED board



Im max
960



W max
6.1

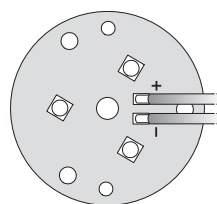


Input CC	350mA, 500mA, 700mA
V _F Max	8.8V
Max power	6.1W
Max lumen	960 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 35 mm x h 3.9 mm

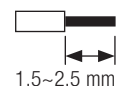
Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

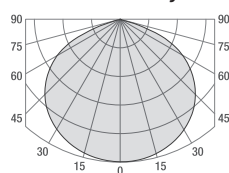
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL003 | **XXXXX** | **XXXAB**

①

②

①

① Codice fisso / Fixed code

CL003 _ XXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lente
Lens



Cap. / Ch. 11



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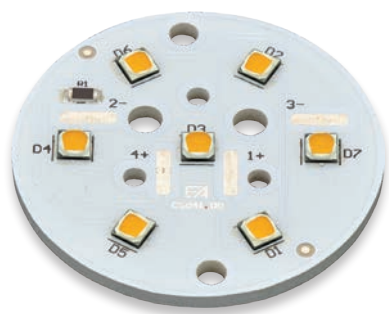


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL041

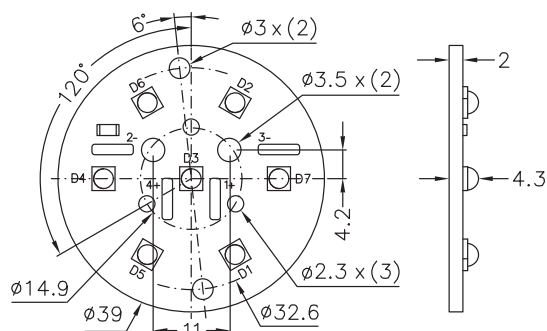
Scheda LED a corrente costante
Constant current LED board



Im max
2038



W max
14.3



Input CC	350mA, 500mA, 700mA
V _F Max	20.4V
Max power	14.3W
Max lumen	2038 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 2 mm
LED type	OSRAM® 2835
LED q.ty	7
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 39 mm x h 4.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



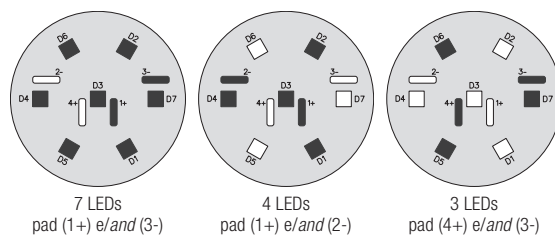
Cap. / Ch. 10

Lente
Lens

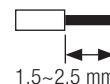


Cap. / Ch. 11

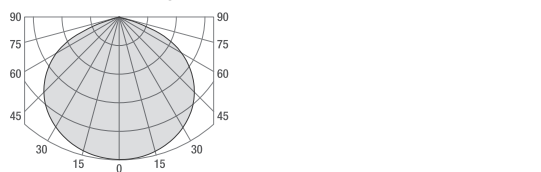
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL041 | XXXXX | . XXXAB

① | ② | ①

① Codice fisso / Fixed code

CL041 _ XXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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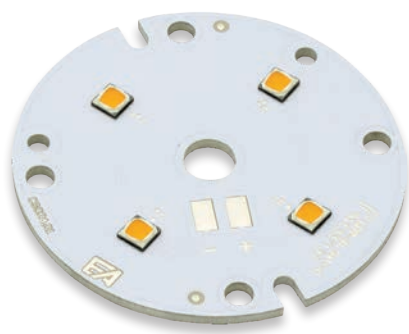


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL024

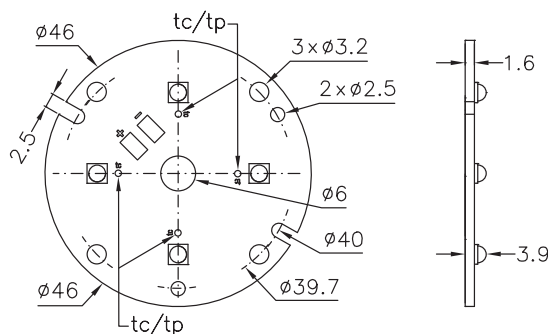
Scheda LED a corrente costante
Constant current LED board



Im max
1280



W max
8.1



Input CC	350mA, 500mA, 700mA
V _F Max	11.5V
Max power	8.1W
Max lumen	1280 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	4
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



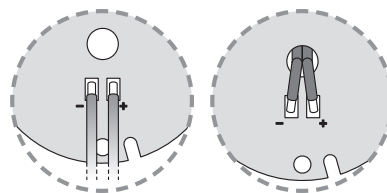
Cap. / Ch. 10

Lente
Lens

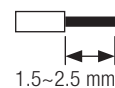


Cap. / Ch. 11

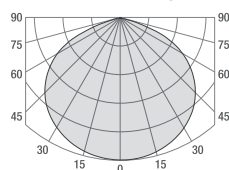
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL024 | XXXXX | . XXXAB

① Codice fisso / Fixed code

CL024 _ XXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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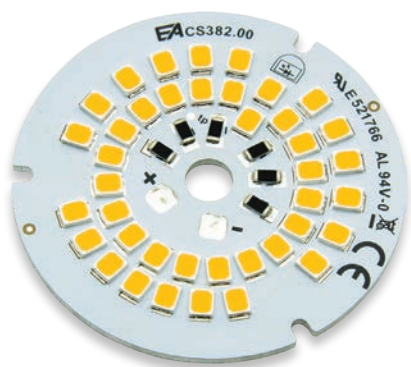


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL382_XI

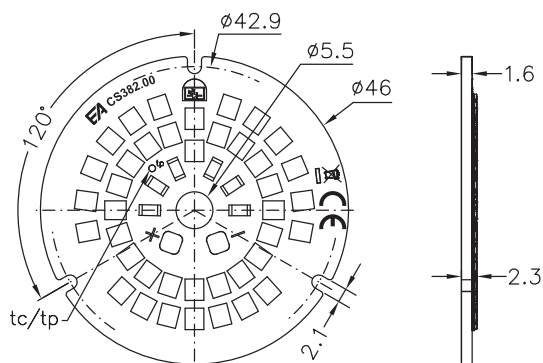
Scheda LED a corrente costante
Constant current LED board



Im max
1416



W max
9.5



Input CC	250mA, 350mA, 400mA
V _F Max	23.7V
Max power	9.5W
Max lumen	1416 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

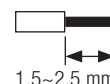
Cover



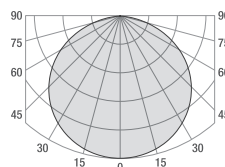
Cap. / Ch. 11

Cablaggio standard / Standard wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL382 | **XXXXX** | **XIXXBA**

①

②

①

① Codice fisso / Fixed code

CL382_XIXXBA

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

50903

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL382_XI + Cover trasparente Transparent cover

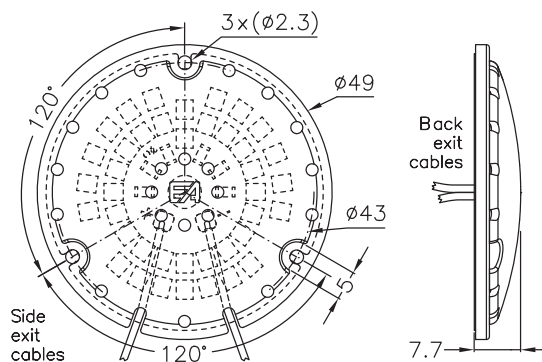
Scheda LED a corrente costante
Constant current LED board



Im max
1303



W max
9.5



Input CC	250mA, 350mA, 400mA
V _F Max	23.7V
Max power	9.5W
Max lumen	1303 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



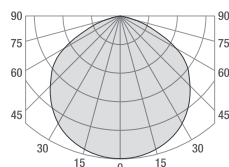
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL382	XXXXX	.	XI	XX	YBA
1	2		1	3	1

1 Codice fisso / Fixed code CL382_XI_YBA

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

3 Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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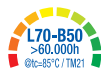


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

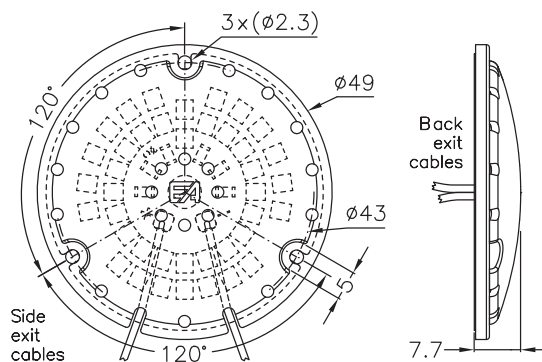
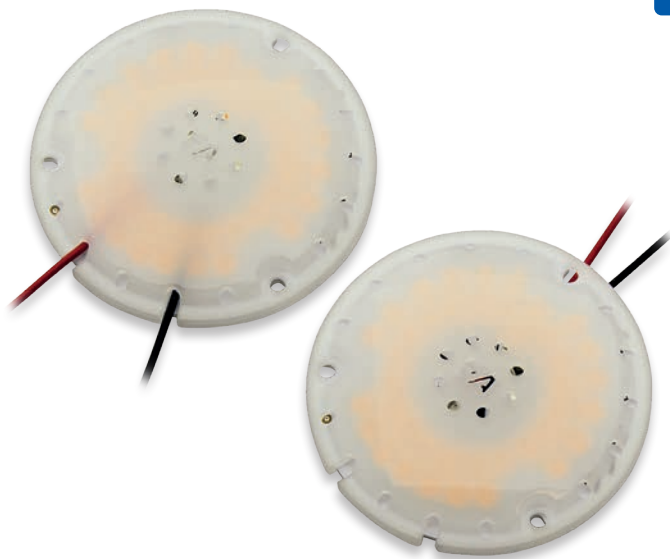
CL382_XI + Cover satinata Frosted cover

Scheda LED a corrente costante
Constant current LED board



Im max
1090

W max
9.5



Input CC	250mA, 350mA, 400mA
V _F Max	23.7V
Max power	9.5W
Max lumen	1090 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



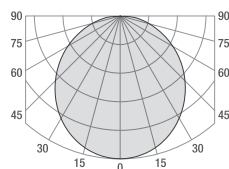
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL382 | XXXXX | XI | XX | ZBA
① | ② | ① | ③ | ①

① Codice fisso / Fixed code CL382_XI_ZBA

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	50903

③ Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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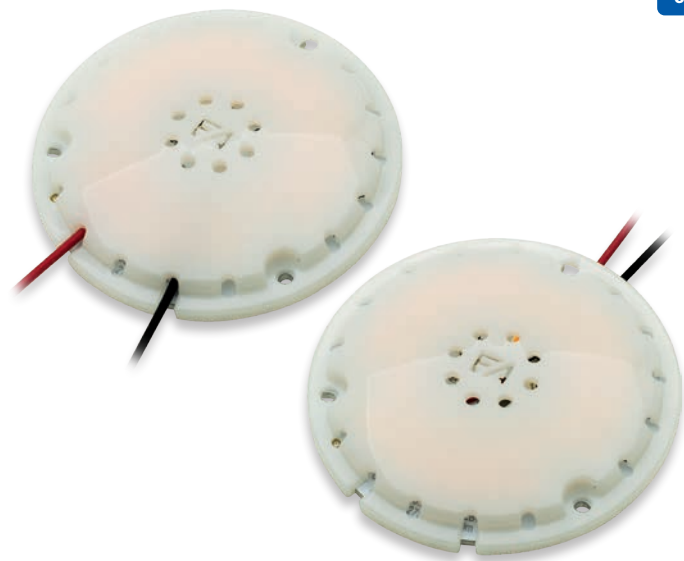


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL382_XI + Cover opale Opal cover

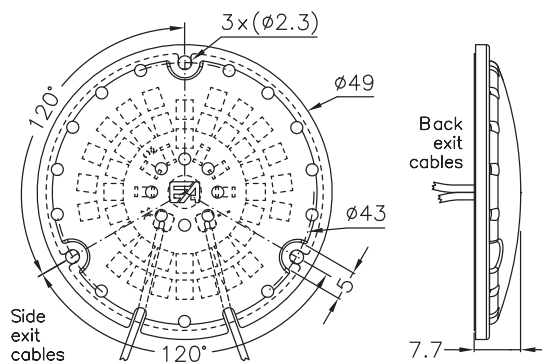
Scheda LED a corrente costante
Constant current LED board



Im max
815



W max
8.2



Input CC	250mA, 350mA
V _F Max	23.5V
Max power	8.2W
Max lumen	815 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



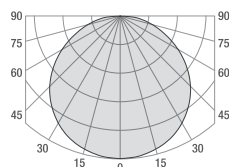
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL382	XXXXX	.	XI	XX	WBA
1	2		1	3	1

1 Codice fisso / Fixed code CL382_XI_WBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL028

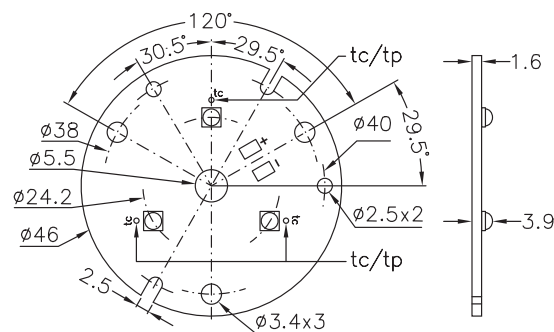
Scheda LED a corrente costante
Constant current LED board



Im max
1368



W max
9.5

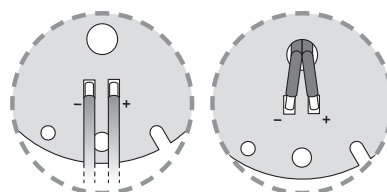


Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	9.1V
Max power	9.5W
Max lumen	1368 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 3.9 mm

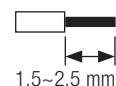
Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

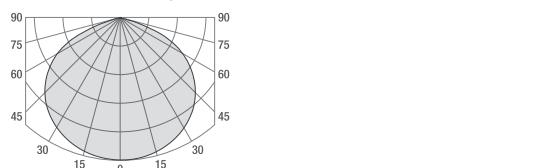
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL028 | **XXXXX** | **XXXAB**

1

2

1

1 Codice fisso / Fixed code

CL028 _ XXXAB

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lente
Lens



Cap. / Ch. 11



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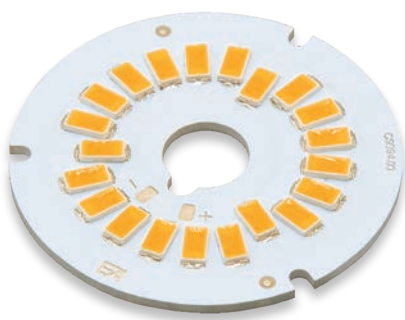


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL094

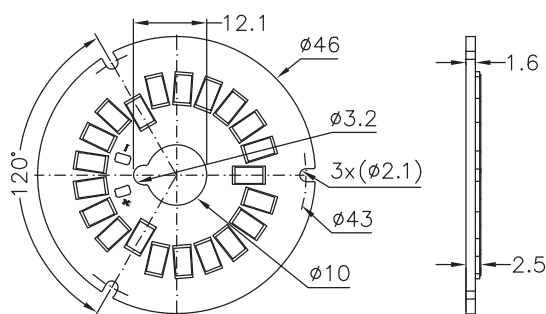
Scheda LED a corrente costante
Constant current LED board



Im max
1401



W max
9.7



Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	9.2V
Max power	9.7W
Max lumen	1401 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	21
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 2.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



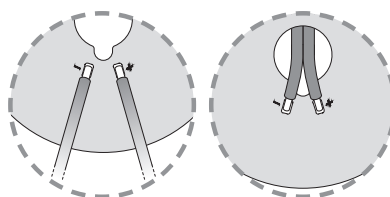
Cap. / Ch. 10

Cover

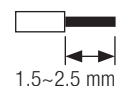


Cap. / Ch. 11

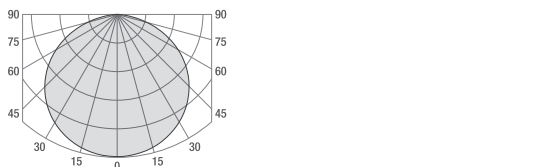
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL094 | XXXXX | . XXXAD

① Codice fisso / Fixed code

CL094 _ XXXAD

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL094 + Cover trasparente

Transparent cover

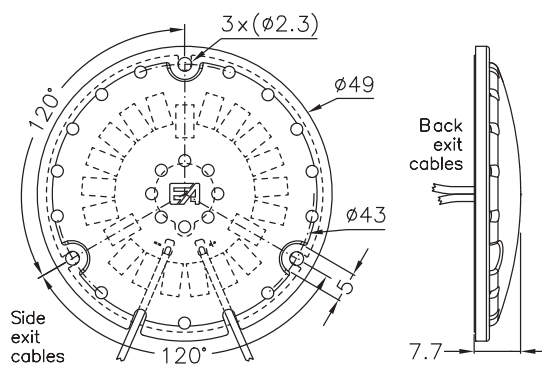
Scheda LED a corrente costante
Constant current LED board



Im max
1275



W max
9.7



Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	9.2V
Max power	9.7W
Max lumen	1275 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	21
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



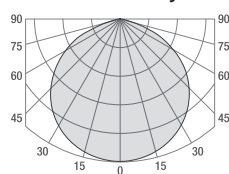
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL094 | **XXXXX** | **XXX** | **YAD**

① | ② | ③ | ①

① Codice fisso / Fixed code

CL094 _ YAD

② CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL094 + Cover satinata

Frosted cover

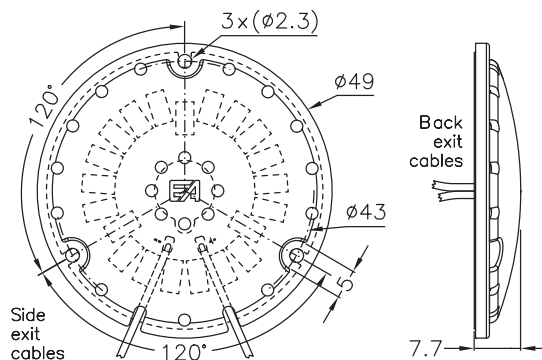
Scheda LED a corrente costante
Constant current LED board



Im max
1092



W max
9.7



Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	9.2V
Max power	9.7W
Max lumen	1092 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	21
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



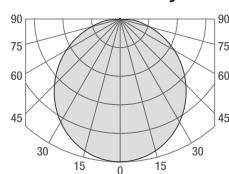
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL094 | XXXXX | . | XXX | ZAD |

① | ② | ③ | ①

① Codice fisso / Fixed code

CL094 _ ZAD

② CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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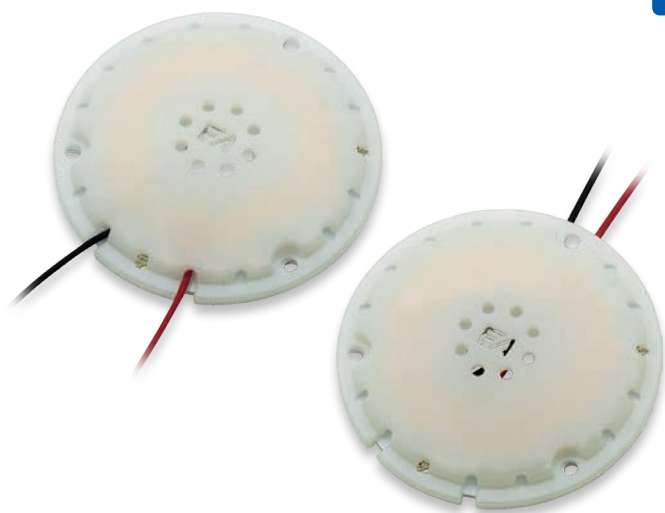


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL094 + Cover opale Opal cover

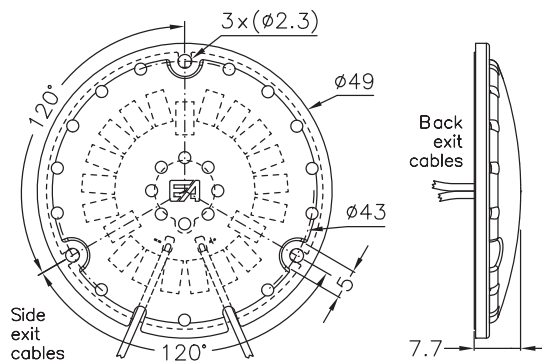
Scheda LED a corrente costante
Constant current LED board



Im max
636



W max
6.1



Input CC	350mA, 500mA, 700mA
V _F Max	8.7V
Max power	6.1W
Max lumen	636 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	21
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



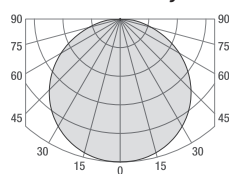
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL094 | XXXXX | . | XXX | WAD |

① | ② | ③ | ①

① Codice fisso / Fixed code

CL094 _ WAD

② CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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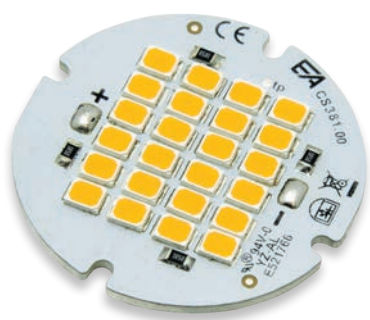


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XV

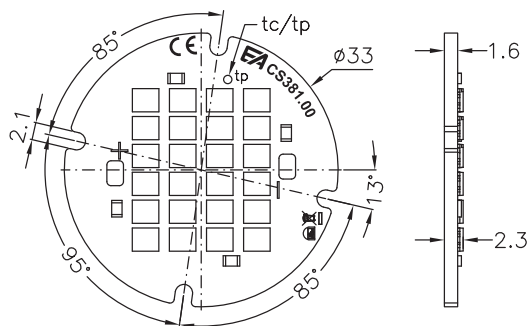
Scheda LED a tensione costante
Constant voltage LED board



Im max
630



W max
4



Input CV	24Vdc
Max power	4W
Max lumen	630 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 33 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

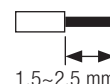
Cover



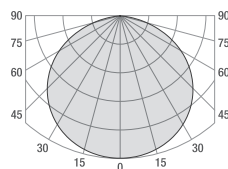
Cap. / Ch. 11

Cablaggio standard / Standard wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL381 | **XXXXX** | **XV040XXBA**

1

2

1

1 Codice fisso / Fixed code CL381_XV040XXBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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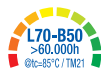


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XV + Cover trasparente Transparent cover

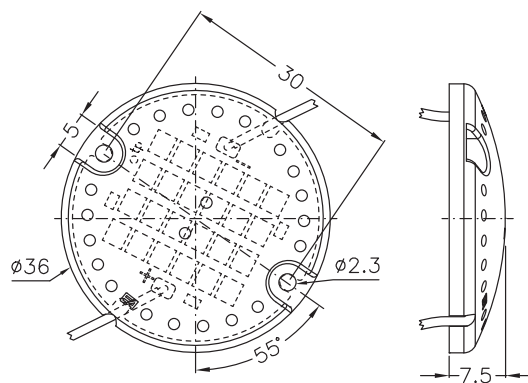
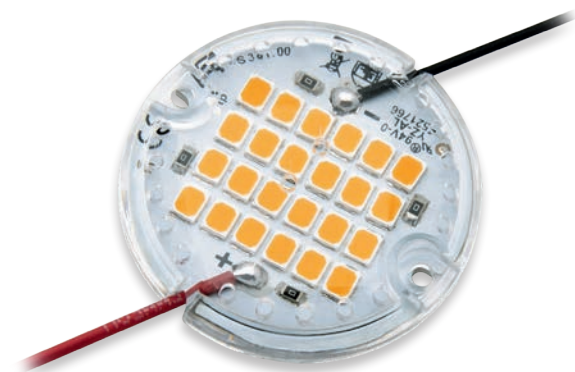
Scheda LED a tensione costante
Constant voltage LED board



Im max
586



W max
4



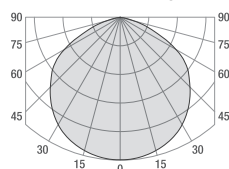
Input CV	24Vdc
Max power	4W
Max lumen	586 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL381 | **XXXXX** | **XV040AXYBA**

1

2

1

1 Codice fisso / Fixed code CL381_XV040AXYBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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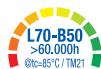


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XV + Cover satinata Frosted cover

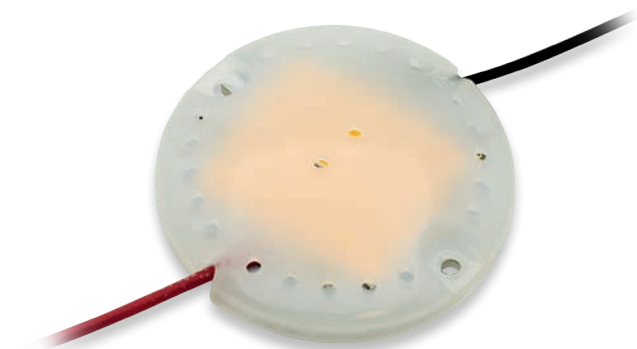
Scheda LED a tensione costante
Constant voltage LED board



Im max
485



W max
4

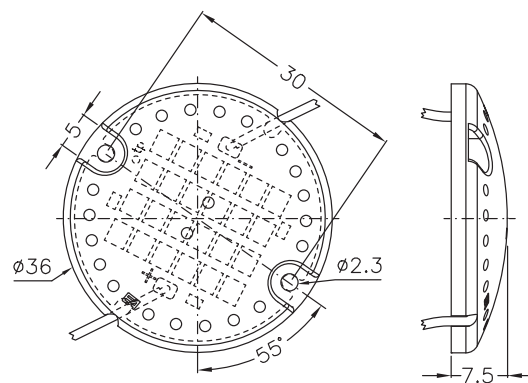


Input CV	24Vdc
Max power	4W
Max lumen	485 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.5 mm

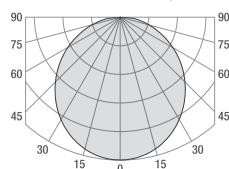
Temperatura d'esercizio / Working temperature (Tmax)

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



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL381 | **XXXXX** | **XV040AXZBA**

① Codice fisso / Fixed code CL381_XV040AXZBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL381_XV + Cover opale Opal cover

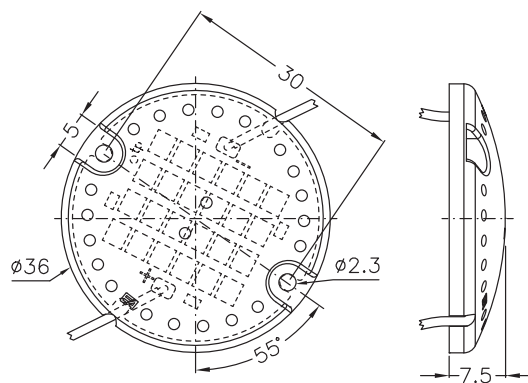
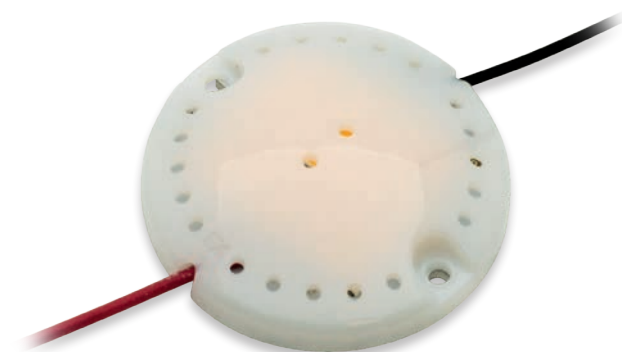
Scheda LED a tensione costante
Constant voltage LED board



Im max
403



W max
4



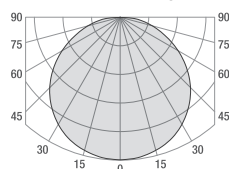
Input CV	24Vdc
Max power	4W
Max lumen	403 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	24
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL381 | **XXXXX** | **XV040AXWBA**

① Codice fisso / Fixed code CL381_XV040AXWBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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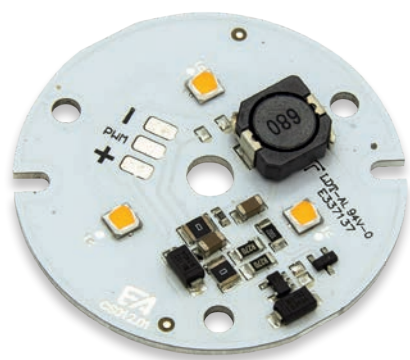


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL012

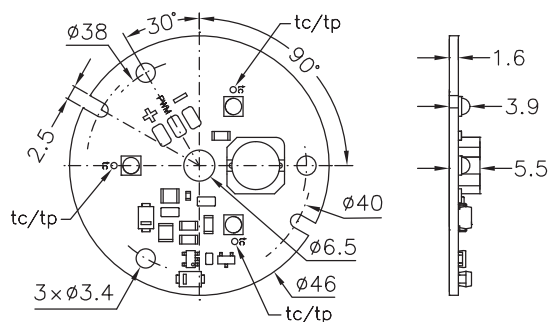
Scheda LED a tensione costante
Constant voltage LED board



Im max
960



W max
7

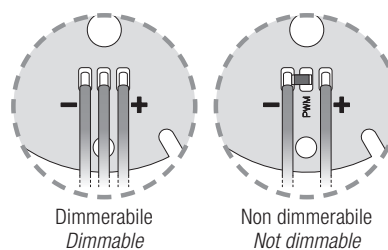


Input CV	12/24Vdc
Max power	7W
Max lumen	960 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 5.5 mm

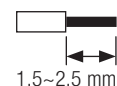
Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

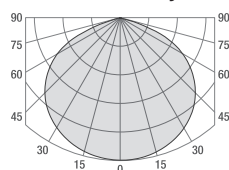
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL012 | **XXXXX** | **XV070XXAB**

① Codice fisso / Fixed code CL012_XV070XXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lente
Lens



Cap. / Ch. 11



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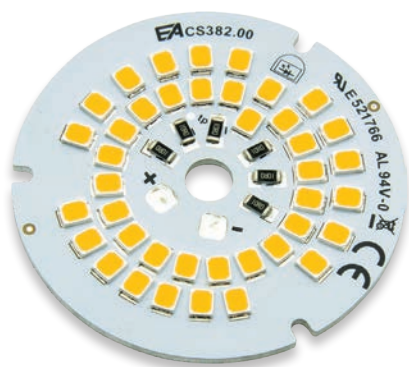


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL382_XV

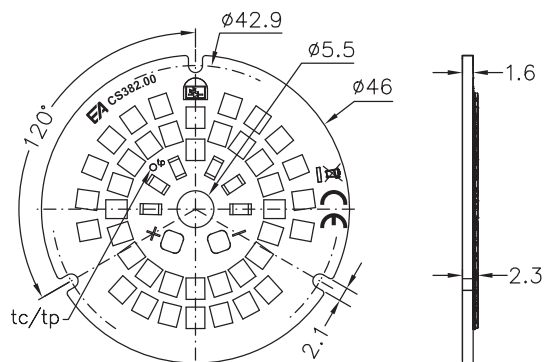
Scheda LED a tensione costante
Constant voltage LED board



Im max
1348



W max
9



Input CV	24Vdc
Max power	9W
Max lumen	1348 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

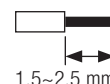
Cover



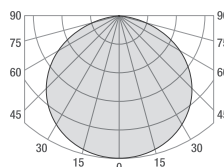
Cap. / Ch. 11

Cablaggio standard / Standard wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL382 | **XXXXX** | **XV090XXBA**

① Codice fisso / Fixed code CL382_XV090XXBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements
EN 62031 / EN 62471 / IEC TR 62778

CL382_XV + Cover trasparente Transparent cover

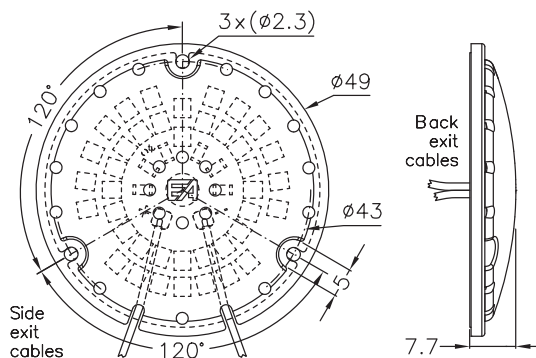
Scheda LED a tensione costante
Constant voltage LED board



Im max
1240



W max
9



Input CV	24Vdc
Max power	9W
Max lumen	1240 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
ta	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



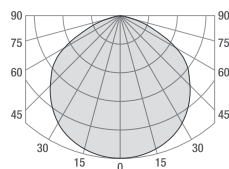
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL382 | **XXXXX** | **XV090** | **XX** | **YBA**

1 | 2 | 1 | 3 | 1

1 Codice fisso / Fixed code	CL382_XV090_YBA	
2 CCT	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	

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL382_XV + Cover satinata Frosted cover

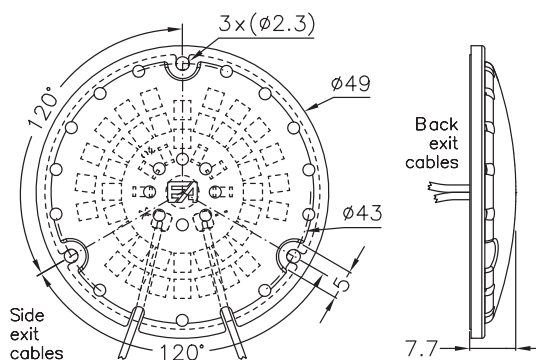
Scheda LED a tensione costante
Constant voltage LED board



Im max
1038



W max
9



Input CV	24Vdc
Max power	9W
Max lumen	1038 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
ta	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



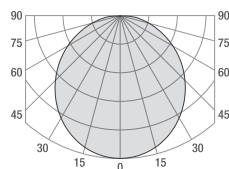
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL382 | **XXXXX** | **XV090** | **XX** | **ZBA**

1 | 2 | 1 | 3 | 1

1 Codice fisso / Fixed code	CL382_XV090_ZBA	
2 CCT	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	

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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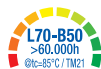
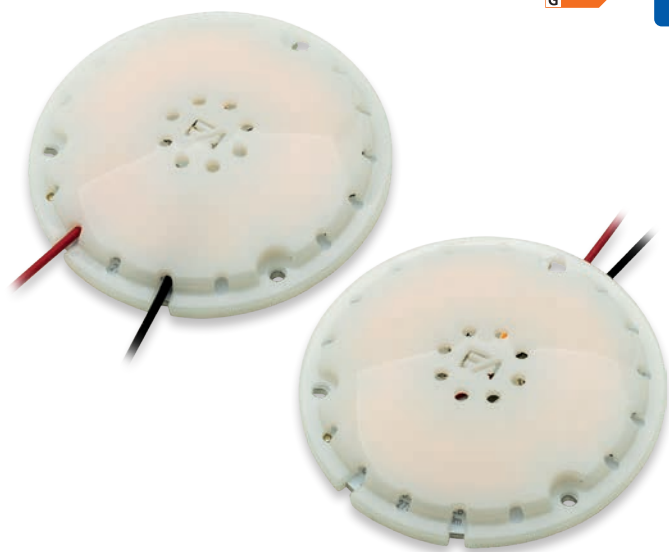


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL382_XV + Cover opale Opal cover

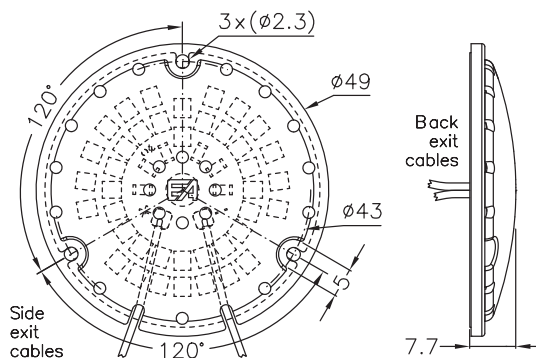
Scheda LED a tensione costante
Constant voltage LED board



Im max
513



W max
5



Input CV	24Vdc
Max power	5W
Max lumen	513 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	40
Beam angle	120°
Tmax	+85°C
ta	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 49 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



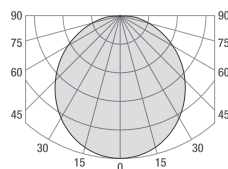
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL382 | **XXXXX** | **XV090** | **XX** | **ZBA**

1 | 2 | 1 | 3 | 1

1 Codice fisso / Fixed code CL382_XV090_ZBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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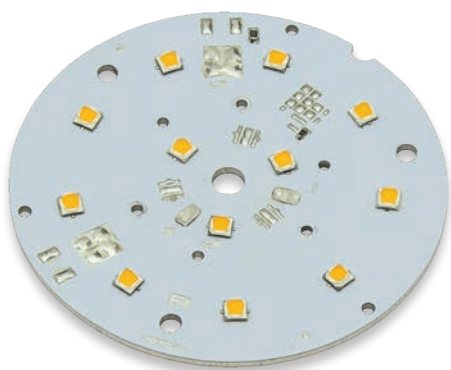


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL082_XI

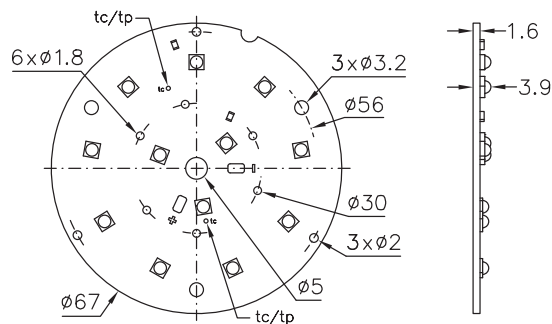
Scheda LED a corrente costante
Constant current LED board



Im max
3726



W max
24.3

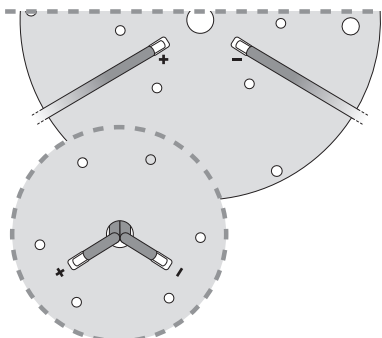


Input CC	350mA, 500mA, 700mA
V _F Max	34.7V
Max power	24.3W
Max lumen	3726 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	12
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 67 mm x h 3.9 mm

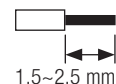
Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

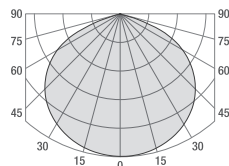
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL082 | **XXXXX** | **XIXXAB**

①

②

①

① Codice fisso / Fixed code

CL082_XIXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



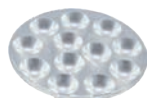
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lente
Lens



Cap. / Ch. 11



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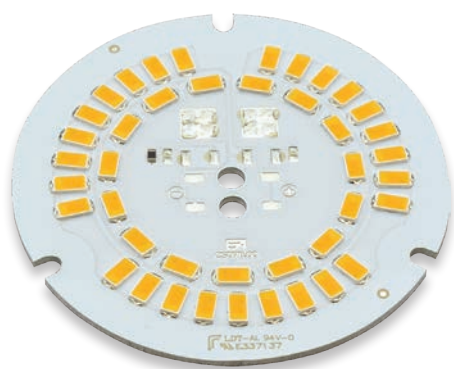


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL076_XI

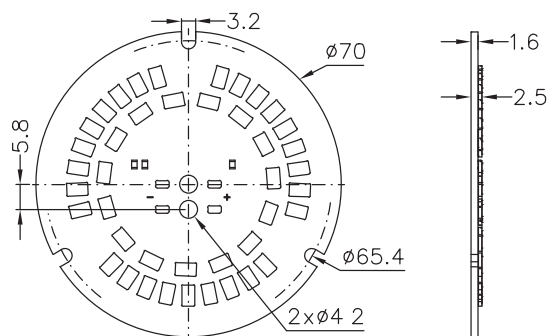
Scheda LED a corrente costante
Constant current LED board



Im max
2346



W max
16.7



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	18.6V
Max power	16.7W
Max lumen	2346 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	42
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 70 mm x h 2.5 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



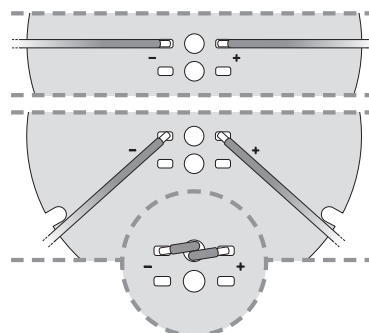
Cap. / Ch. 10

Cover

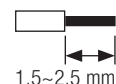


Cap. / Ch. 11

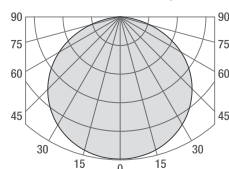
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL076 | XXXXX | XIXXAD

1

2

1

1 Codice fisso / Fixed code

CL076_XIXXAD

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL076_XI + Cover trasparente Transparent cover

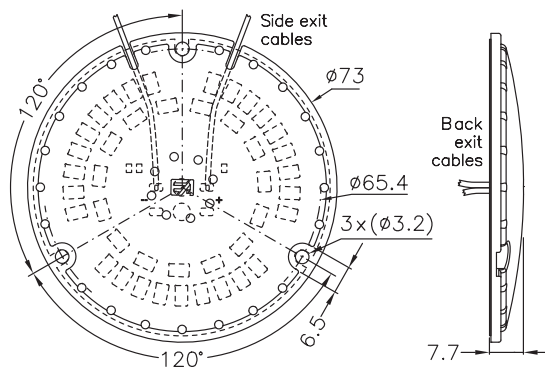
Scheda LED a corrente costante
Constant current LED board



Im max
2222



W max
16.7



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	18.6V
Max power	16.7W
Max lumen	2222 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	42
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 73 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



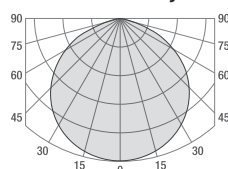
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL076 | XXXXX | . XI | XX | YAD |

① Codice fisso / Fixed code CL076_XI_YAD

② CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL076_XI + Cover satinata Frosted cover

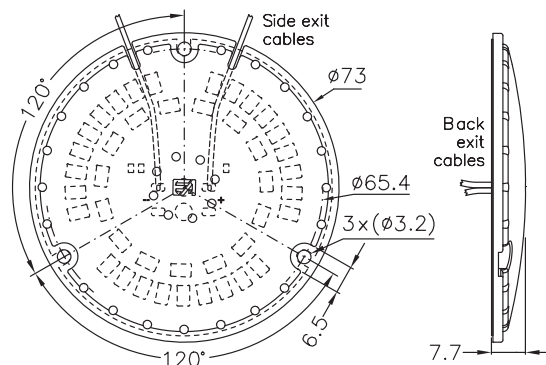
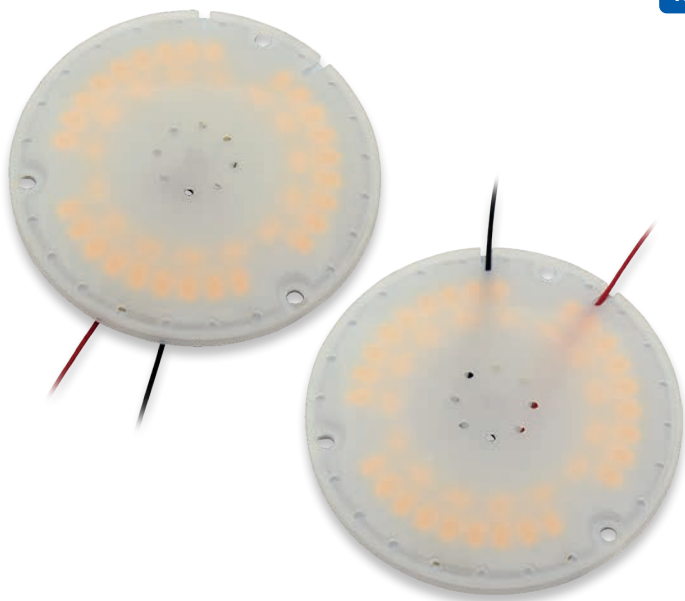
Scheda LED a corrente costante
Constant current LED board



Im max
1926



W max
16.7



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	18.6V
Max power	16.7W
Max lumen	1926 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	42
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 73 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



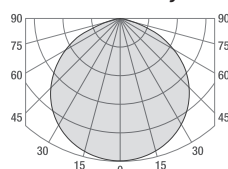
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL076 | XXXXX | . XI | XX | ZAD |

① Codice fisso / Fixed code CL076_XI_ZAD

② CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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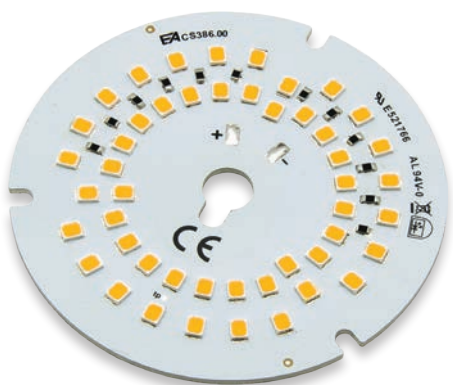


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL386_XI

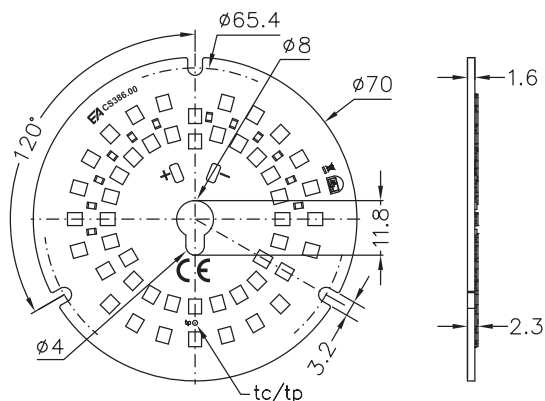
Scheda LED a corrente costante
Constant current LED board



Im max
3200



W max
21.7



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	24.1V
Max power	21.7W
Max lumen	3200 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	48
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 70 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cover



Cap. / Ch. 11

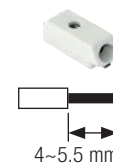
Micro push



Cablaggio standard / Standard wiring

Micro push

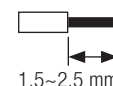
Conduttore rigido - Solid conductor
0.14~0.34mm² / AWG26~AWG22



4~5.5 mm

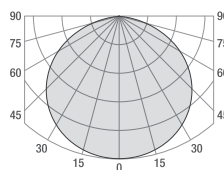
Cavo / Cable

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



1.5~2.5 mm

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL386 | **XXXXX** | **XIXXBB**

1

2

1

1 Codice fisso / Fixed code

CL386_XIXXBB

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

6500K

65803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL386_XI + Cover trasparente Transparent cover

Scheda LED a corrente costante
Constant current LED board

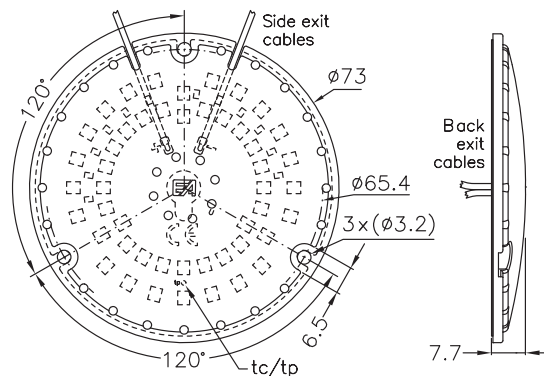


A
1
G
E

lm max
2944



W max
21.7



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	24.1V
Max power	21.7W
Max lumen	2944 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	48
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 70 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



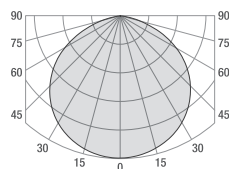
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL386	XXXXX	.	XI	XX	YBB
1	2		1	3	1

1 Codice fisso / Fixed code CL386_XI_YBB

2 CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL386_XI + Cover satinata Frosted cover

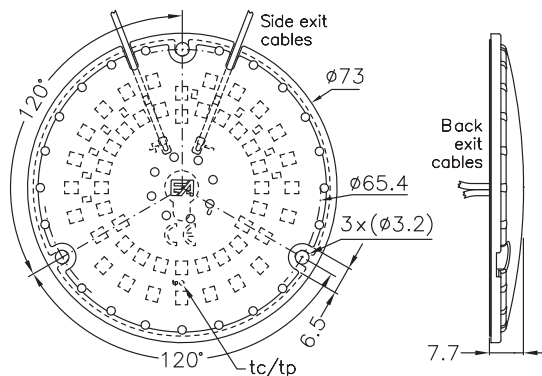
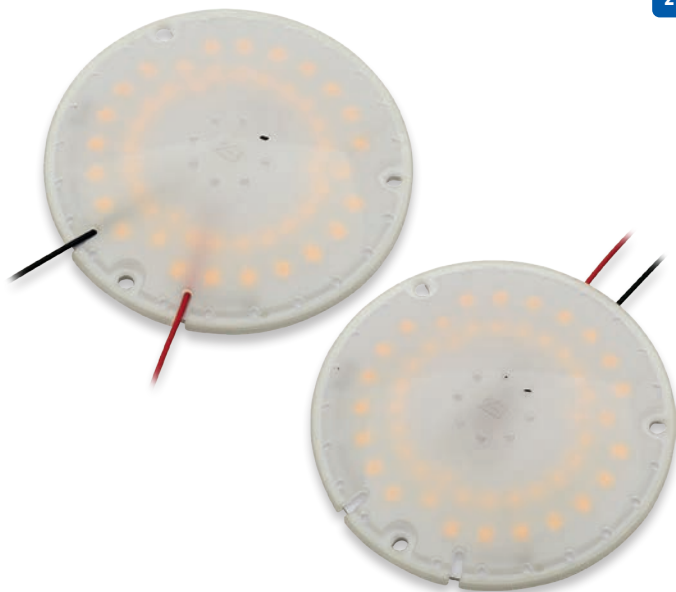
Scheda LED a corrente costante
Constant current LED board



Im max
2464



W max
21.7



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	24.1V
Max power	21.7W
Max lumen	2464 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	48
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 70 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



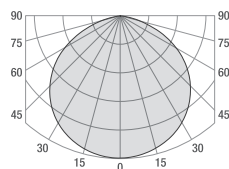
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL386 | **XXXXX** | **XI** | **XX** | **ZBB**

1 Codice fisso / Fixed code CL386_XI_ZBB

2 CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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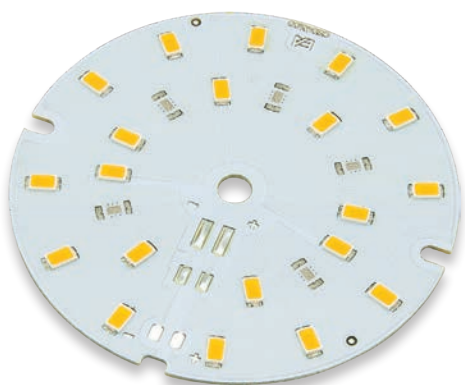


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL043_X1

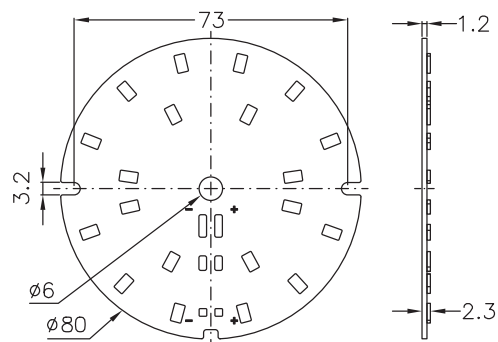
Scheda LED a corrente costante
Constant current LED board



Im max
1094



W max
8



Input CC	350mA, 500mA
V _F Max	16V
Max power	8W
Max lumen	1094 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED q.ty	20
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 80 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

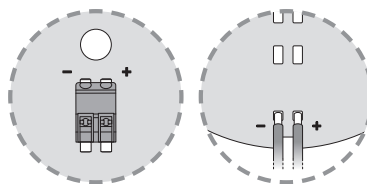


Cap. / Ch. 10

Push-button

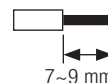


Cablaggio standard / Standard wiring

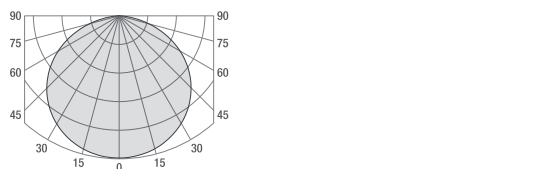


Inserire o rimuovere i cavi premendo leggermente sul pulsante
Insert or remove the cables by pressing lightly on the push-button

Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL043 | **XXXXX** | **X1XXAD**

① Codice fisso / Fixed code CL043_X1XXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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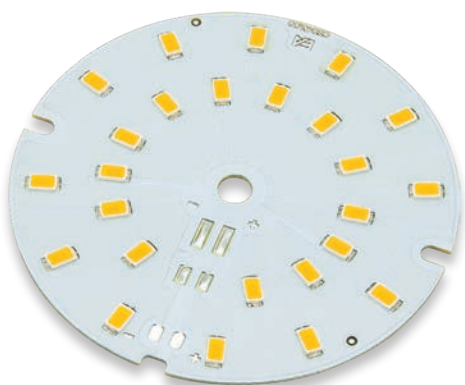


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL043_X2

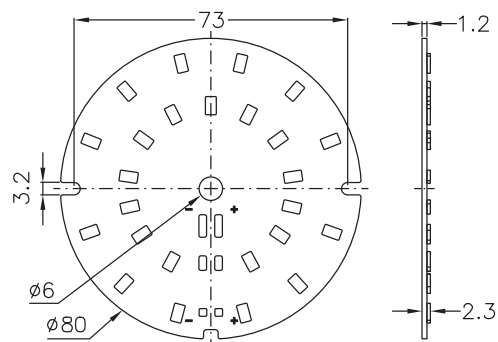
Scheda LED a corrente costante
Constant current LED board



Im max
1573



W max
10.9



Input CC	350mA, 500mA, 700mA
V _F Max	15.6V
Max power	10.9W
Max lumen	1573 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED q.ty	25
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 80 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

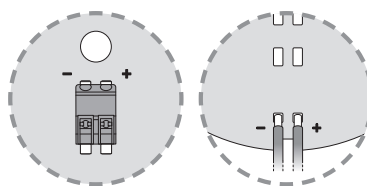


Cap. / Ch. 10

Push-button

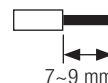


Cablaggio standard / Standard wiring

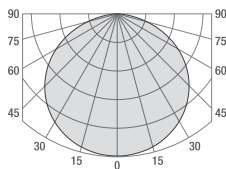


Inserire o rimuovere i cavi premendo leggermente sul pulsante
Insert or remove the cables by pressing lightly on the push-button

Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL043 | XXXXX | X2XXAD

① Codice fisso / Fixed code CL043_X2XXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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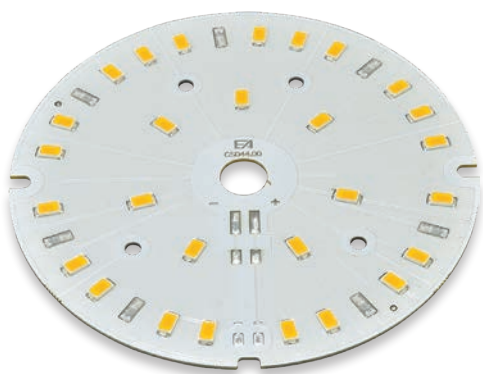


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CLO44_X1

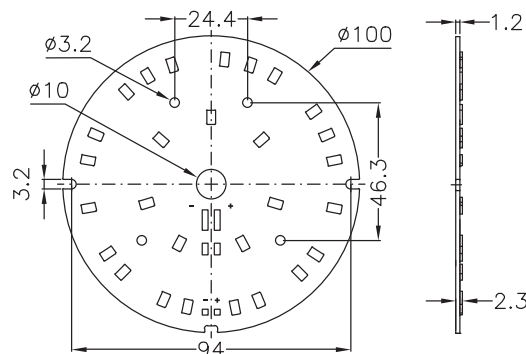
Scheda LED a corrente costante
Constant current LED board



Im max
1596



W max
10.7



Input CC	350mA, 500mA
V _F Max	21.5V
Max power	10.7W
Max lumen	1596 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED q.ty	28
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

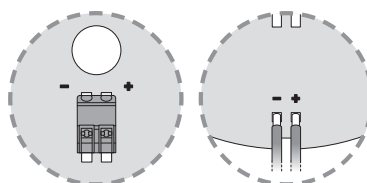


Cap. / Ch. 10

Push-button



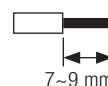
Cablaggio standard / Standard wiring



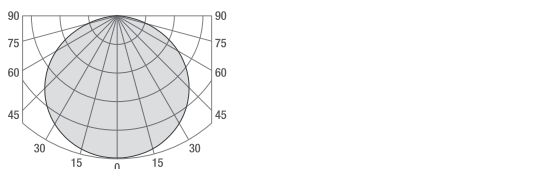
Inserire o rimuovere i cavi premendo leggermente sul pulsante

Insert or remove the cables by pressing lightly on the push-button

Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL044 | **XXXXX** | **X1XXAD**

① Codice fisso / Fixed code CL044_X1XXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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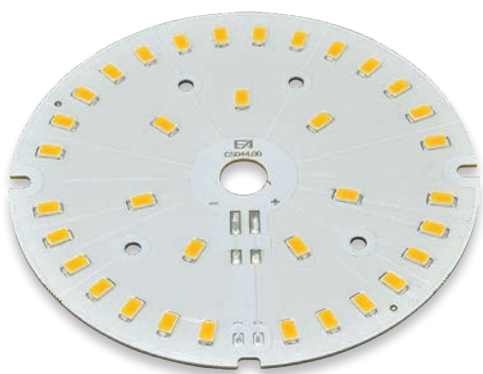


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL044_X2

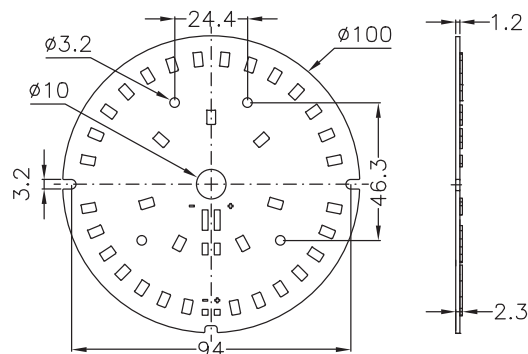
Scheda LED a corrente costante
Constant current LED board



Im max
2202



W max
15.4



Input CC	350mA, 500mA, 700mA
V _F Max	22V
Max power	15.4W
Max lumen	2202 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED q.ty	35
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

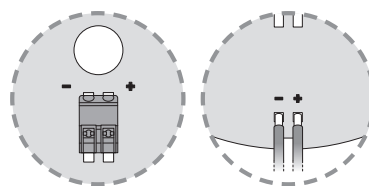


Cap. / Ch. 10

Push-button



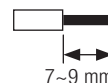
Cablaggio standard / Standard wiring



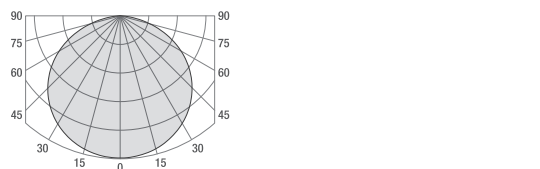
Inserire o rimuovere i cavi premendo leggermente sul pulsante

Insert or remove the cables by pressing lightly on the push-button

Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL044 | XXXXX | X2XXAD

① Codice fisso / Fixed code CL044_X2XXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL355_XI

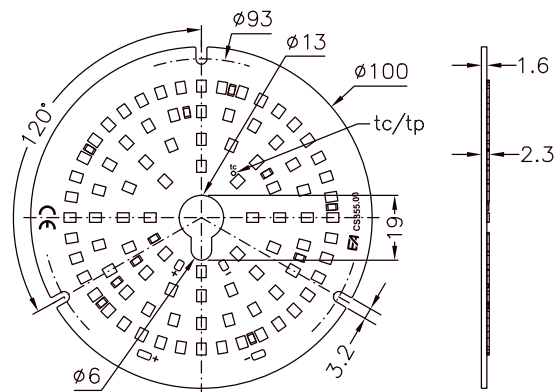
Scheda LED a corrente costante
Constant current LED board



Im max
3210



W max
21.5



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	23.9V
Max power	21.5W
Max lumen	3210 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

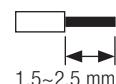
Cover



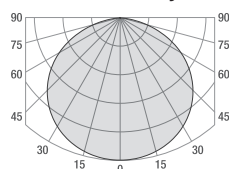
Cap. / Ch. 11

Cablaggio standard / Standard wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL355 | **XXXXX** | **XIXXBA**

1

2

1

1 Codice fisso / Fixed code

CL355_XIXXBA

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL355_XI + Cover trasparente Transparent cover

Scheda LED a corrente costante
Constant current LED board

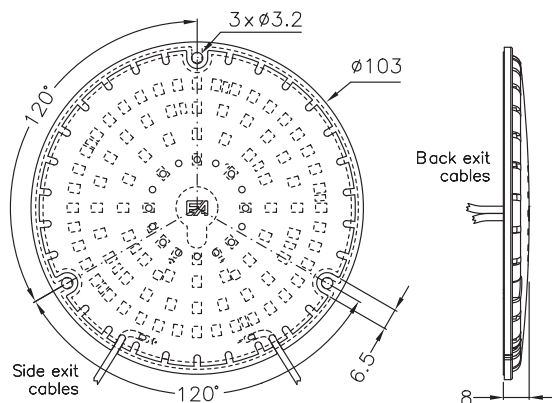
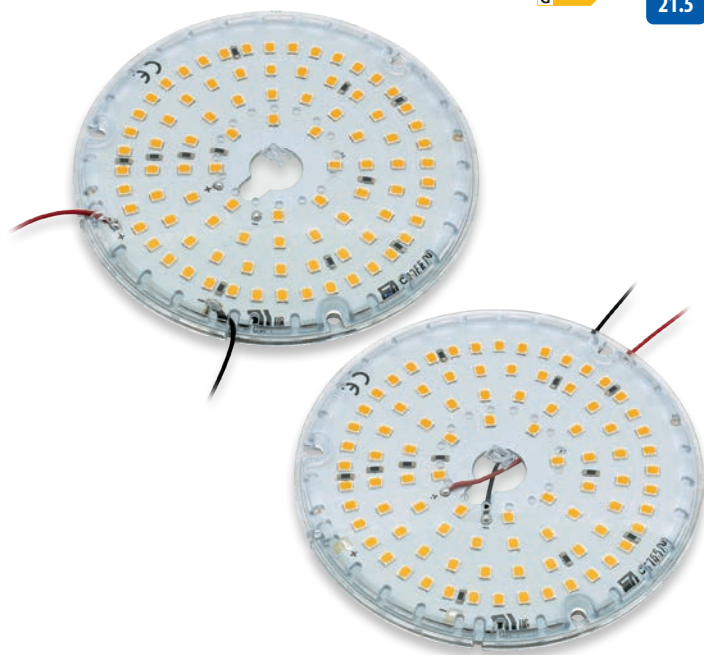


A
1
G
E

lm max
2953



W max
21.5



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	23.9V
Max power	21.5W
Max lumen	2953 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



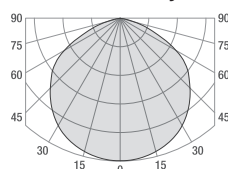
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL355	XXXXX	.	XI	XX	YBA
1	2		1	3	1

1 Codice fisso / Fixed code CL386_XI_YBA

2 CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL355_XI + Cover satinata Frosted cover

Scheda LED a corrente costante
Constant current LED board

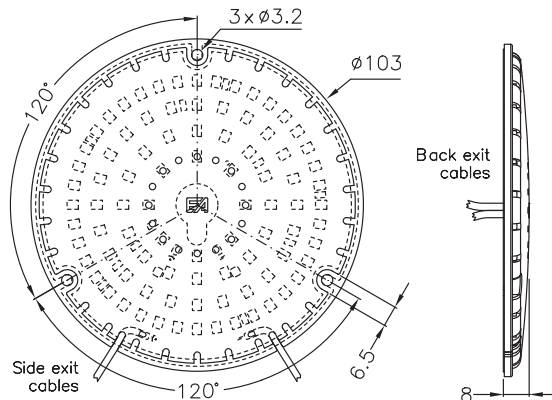
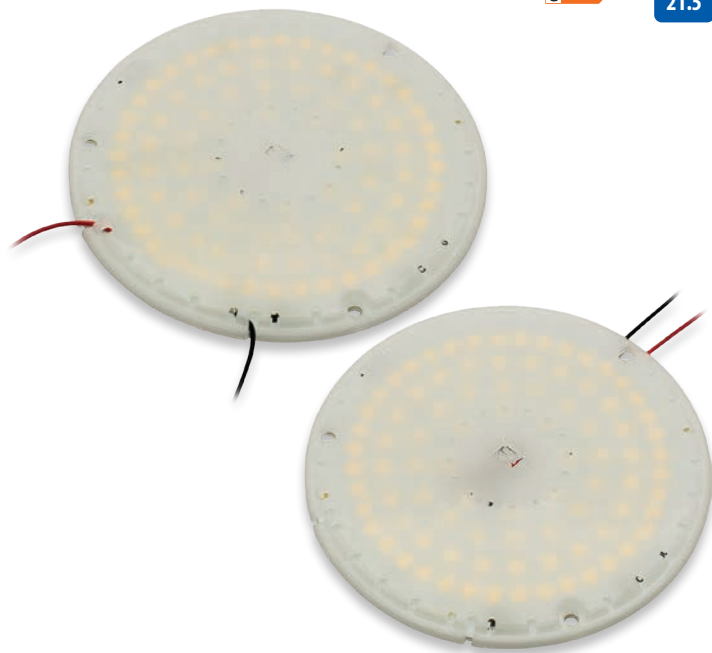


A
1
G
F

Im max
2472



W max
21.5



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	23.9V
Max power	21.5W
Max lumen	2472 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



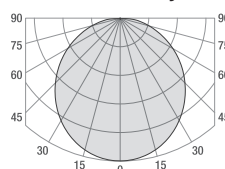
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL355	XXXXX	.	XI	XX	ZBA
1	2		1	3	1

1 Codice fisso / Fixed code CL386_XI_ZBA

2 CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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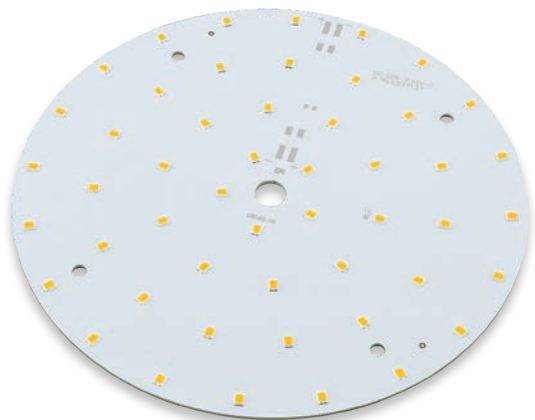


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL168_BA

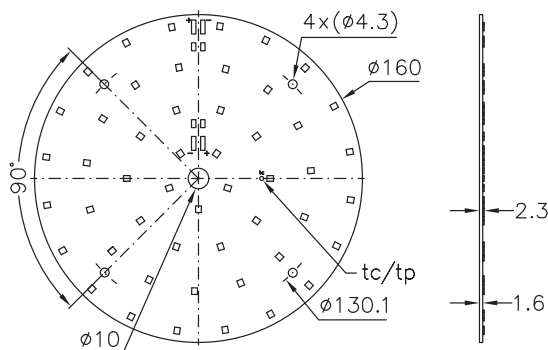
Scheda LED a corrente costante
Constant current LED board



Im max
1609



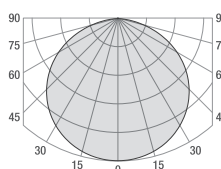
W max
10.5



Input CC	350mA, 500mA, 700mA
V _F Max	15V
Max power	10.5W
Max lumen	1609 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	50
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 160 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

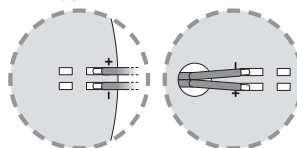


Cap. / Ch. 10

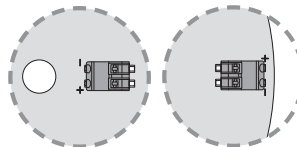
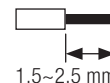
Push-button



Cablaggio standard / Standard wiring



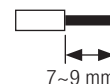
Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Inserire o rimuovere i cavi premendo
leggermente sul pulsante
Insert or remove the cables by pressing
lightly on the button



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL168 | XXXXX | . XXXBA |

① Codice fisso / Fixed code

CL168 _ XXXBA

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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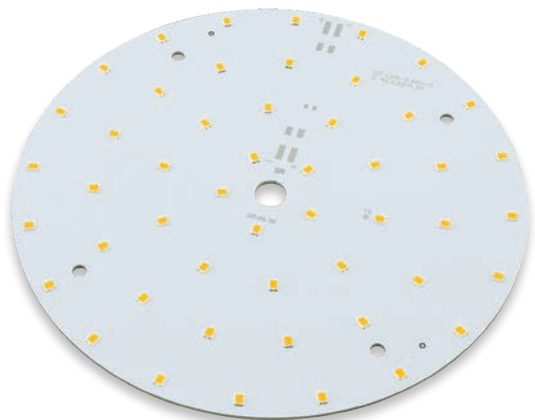


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL168_BB

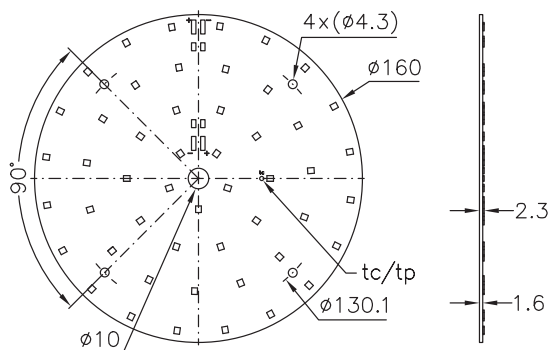
Scheda LED a corrente costante
Constant current LED board



Im max
3348



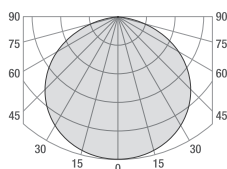
W max
23



Input CC	350mA, 500mA, 700mA, 1050mA, 1400mA, 1500mA
V _F Max	15.3V
Max power	23W
Max lumen	3348 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	50
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 160 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

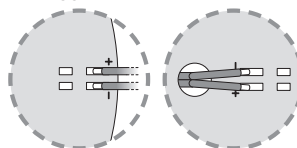


Cap. / Ch. 10

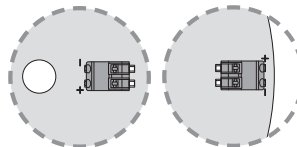
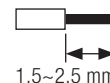
Push-button



Cablaggio standard / Standard wiring



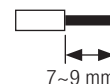
Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Inserire o rimuovere i cavi premendo
leggermente sul pulsante
Insert or remove the cables by pressing
lightly on the button



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL168 | XXXXX | . XXXBB |
① | ② | ①

① Codice fisso / Fixed code

CL168 _ XXXBB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

6500K

65803

/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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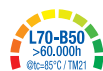
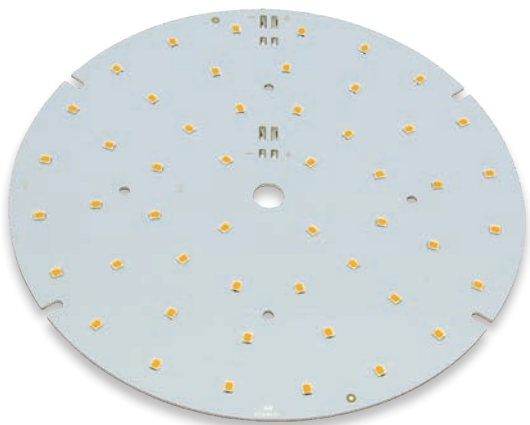


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL122

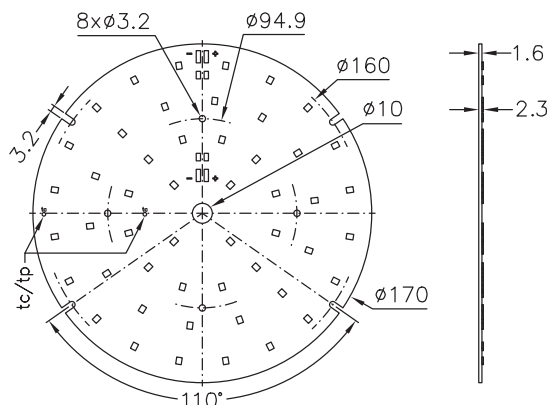
Scheda LED a corrente costante
Constant current LED board



Im max
4316



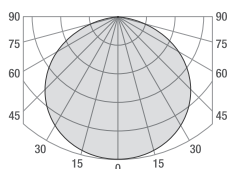
W max
27.9



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	31V
Max power	27.9W
Max lumen	4316 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	50
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 170 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

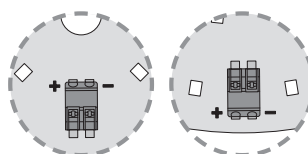


Cap. / Ch. 10

Push-button

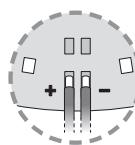
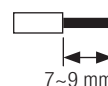


Cablaggio standard / Standard wiring

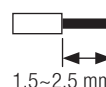


Inserire o rimuovere i cavi premendo leggermente sul pulsante
Insert or remove the cables by pressing lightly on the button

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL122 | XXXXX | . | XXXBB |
① | ② | | ①

① Codice fisso / Fixed code CL168 _ XXXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL038_X1

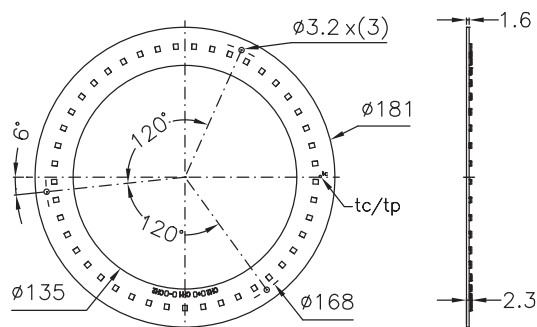
Scheda LED a corrente costante
Constant current LED board



Im max
3921



W max
29.3



Input CC	350mA, 500mA, 700mA, 900mA, 1050mA
V _F Max	27.9V
Max power	29.3W
Max lumen	3921 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	45
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 181 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



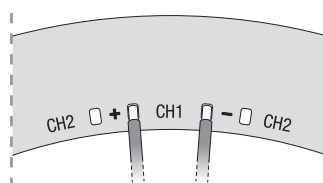
Cap. / Ch. 11

Cavo
Cable

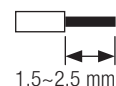


Cap. / Ch. 10

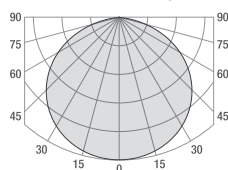
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL038 | **XXXXX** | **X1XXBB**

① Codice fisso / Fixed code CL038_X1XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

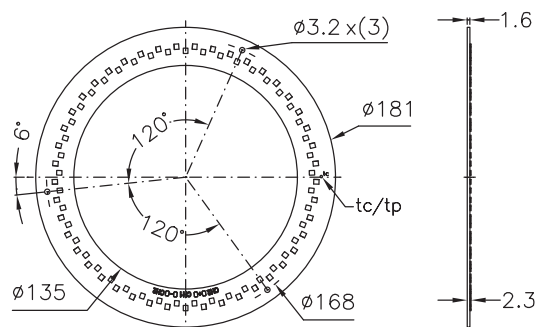
CL038_X2

Scheda LED a corrente costante
Constant current LED board



Im max
7532

W max
59.7



Input CC (Ch1 / Ch2)	350mA, 500mA, 700mA, 900mA, 1050mA
V _F Max (Ch1 / Ch2)	28.4V
Max power (Ch1 + Ch2)	59.7W
Max lumen (Ch1 + Ch2)	7532 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	90 (45+45)
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 181 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



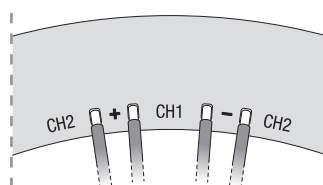
Cap. / Ch. 11

Cavo
Cable

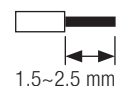


Cap. / Ch. 10

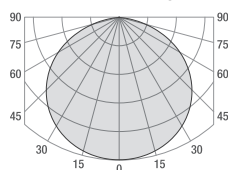
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL038 | XXXXX | X2XXBB

① Codice fisso / Fixed code CL038_X2XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

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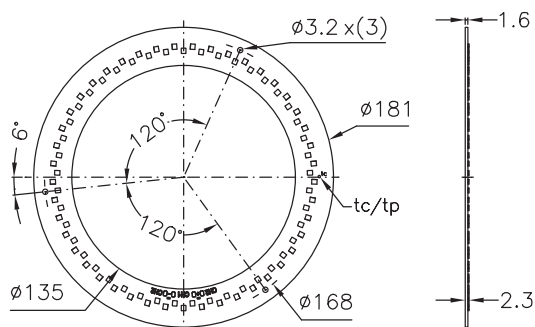
CL038_X3

Scheda LED a corrente costante
Constant current LED board



Im max
7843

W max
58.6



Input CC	700mA, 1000mA, 1400mA, 1800mA, 2100mA
V _F Max	27.9V
Max power	58.6W
Max lumen	7843 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	90
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 181 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



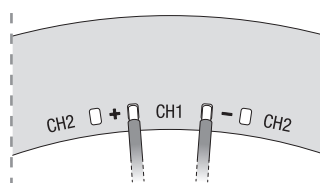
Cap. / Ch. 11

Cavo
Cable

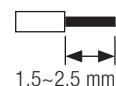


Cap. / Ch. 10

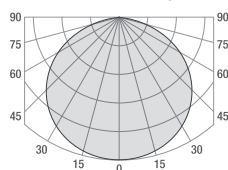
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL038 | XXXXX | X3XXBB
① | ② | ①

① Codice fisso / Fixed code	CL038_X3XXBB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

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CL039_X1

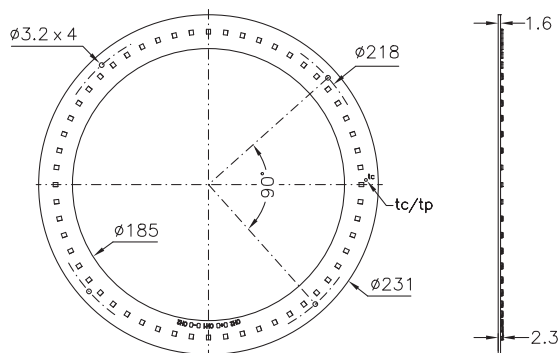
Scheda LED a corrente costante
Constant current LED board



Im max
4627



W max
34.3

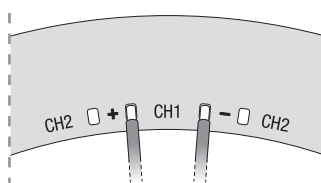


Input CC	350mA, 500mA, 700mA, 900mA, 1050mA, 1400mA
V _F Max	24.5V
Max power	34.3W
Max lumen	4627 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	56
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 231 mm x h 2.3 mm

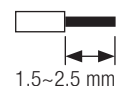
Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

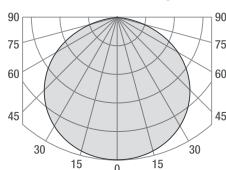
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL039 | **XXXXX** | **X1XXBB**

① Codice fisso / Fixed code CL039_X1XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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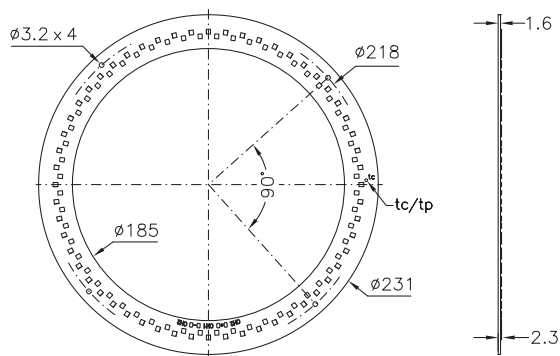
CL039_X2

Scheda LED a corrente costante
Constant current LED board



Im max
8739

W max
72.1



Input CC (Ch1 / Ch2)	350mA, 500mA, 700mA, 900mA, 1050mA, 1400mA
V _F Max (Ch1 / Ch2)	25.8V
Max power (Ch1 + Ch2)	72.1W
Max lumen (Ch1 + Ch2)	8739 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	112 (56+56)
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 231 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



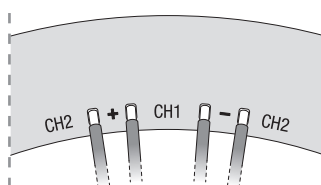
Cap. / Ch. 11

Cavo
Cable

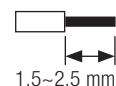


Cap. / Ch. 10

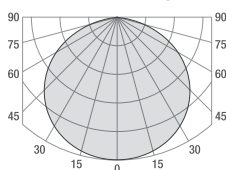
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL039 | XXXXX | X2XXBB
① | ② | ①

① Codice fisso / Fixed code CL039_X2XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

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CL039_X3

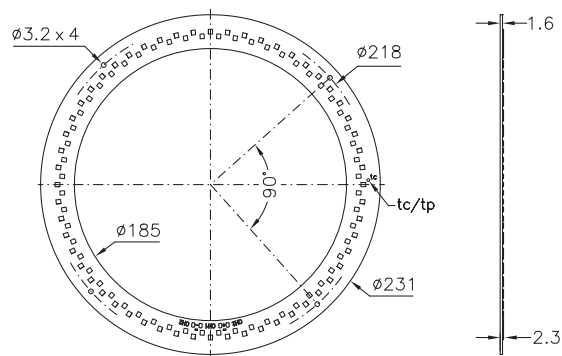
Scheda LED a corrente costante
Constant current LED board



Im max
9048



W max
69.4



Input CC	700mA, 1000mA, 1400mA, 1800mA, 2100mA, 2800mA
V _F Max	24.8V
Max power	69.4W
Max lumen	9048 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	112
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 231 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



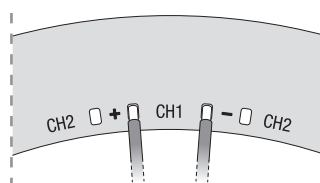
Cap. / Ch. 11

Cavo
Cable

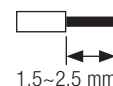


Cap. / Ch. 10

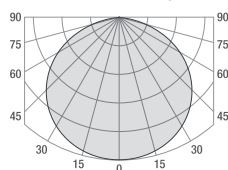
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL039 | **XXXXX** | **X3XXBB**

① Codice fisso / Fixed code CL039_X3XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

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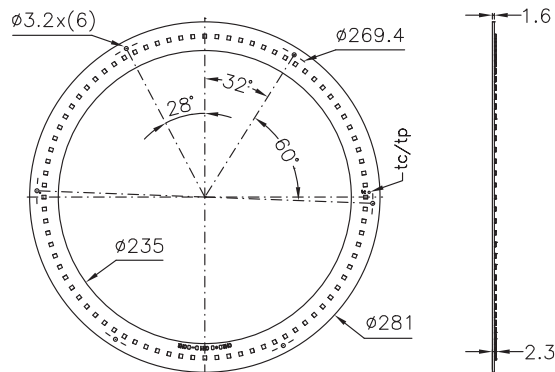
CLO40_X1

Scheda LED a corrente costante
Constant current LED board



Im max
6940

W max
51.6



Input CC	350mA, 500mA, 700mA, 900mA, 1050mA, 1400mA
V _F Max	36.8V
Max power	51.6W
Max lumen	6940 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	84
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 281 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



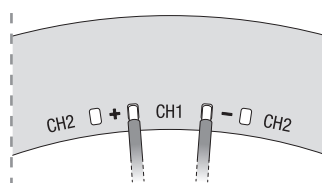
Cap. / Ch. 11

Cavo
Cable

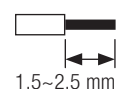


Cap. / Ch. 10

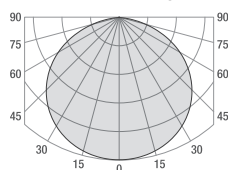
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL040 | **XXXXX** | **X1XXBB**

① Codice fisso / Fixed code CL040_X1XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

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CLO40_X2

Scheda LED a corrente costante
Constant current LED board



Im max
13109



W max
106.5



Input CC (Ch1 / Ch2)	350mA, 500mA, 700mA, 900mA, 1050mA, 1400mA
V _F Max (Ch1 / Ch2)	38V
Max power (Ch1 + Ch2)	106.5W
Max lumen (Ch1 + Ch2)	13109 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	168 (84+84)
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 281 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad

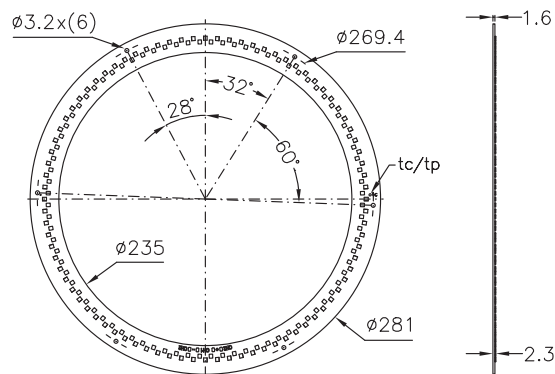


Cap. / Ch. 11

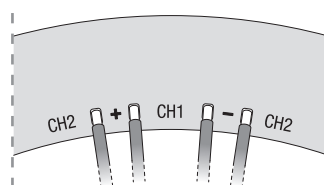
Cavo
Cable



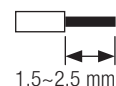
Cap. / Ch. 10



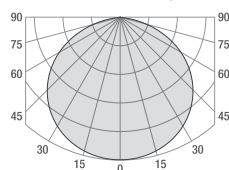
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL040 | **XXXXX** | **X2XXBB**

① Codice fisso / Fixed code CL040_X2XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

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CL040_X3

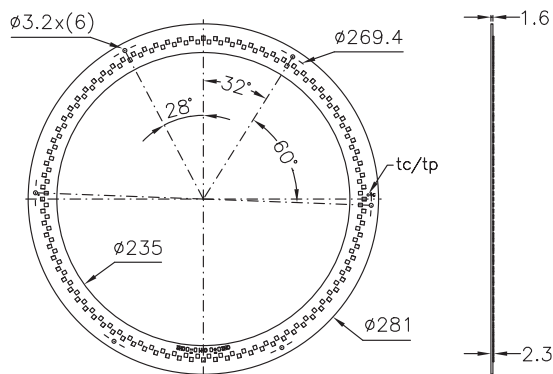
Scheda LED a corrente costante
Constant current LED board



Im max
13263



W max
104.2



Input CC	700mA, 1000mA, 1400mA, 1800mA, 2100mA, 2800mA
V _F Max	37.2V
Max power	104.2W
Max lumen	13263 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	168
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 281 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



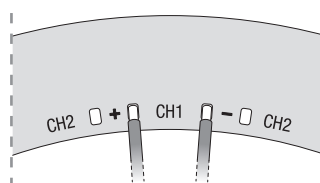
Cap. / Ch. 11

Cavo
Cable

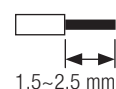


Cap. / Ch. 10

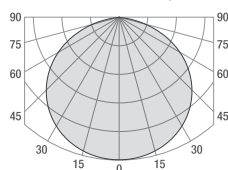
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL040 | **XXXXX** | **X3XXBB**

① Codice fisso / Fixed code CL040_X3XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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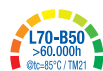
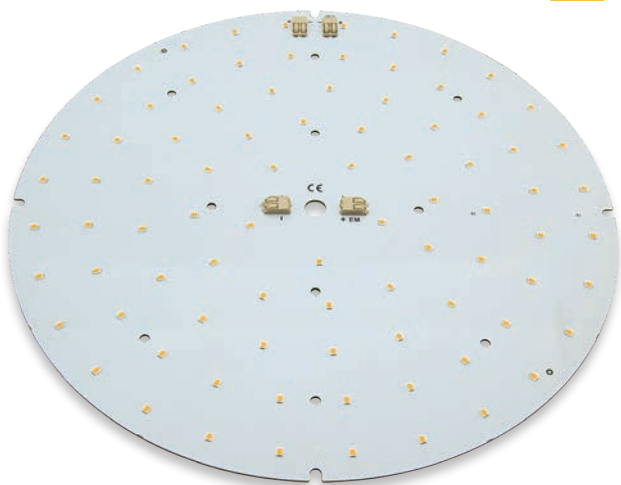


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL345 cc

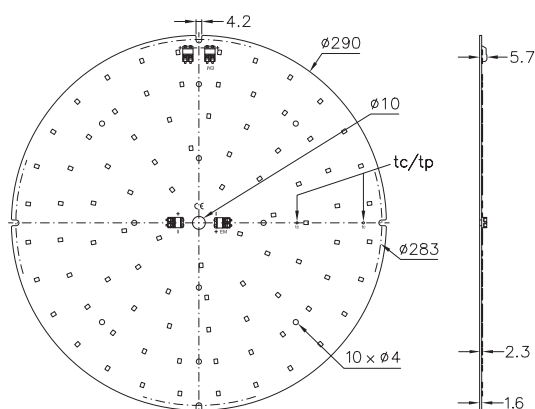
Scheda LED a corrente costante
Constant current LED board



Im max
5213



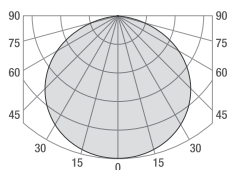
W max
36.6



Input CC	350mA, 500mA, 700mA, 1050mA, 1200mA
V _F Max	30.5V
Max power	36.6W
Max lumen	5213 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	80 + 6 circuito d'emergenza / emergency circuit
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 290 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

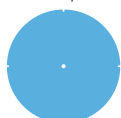
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

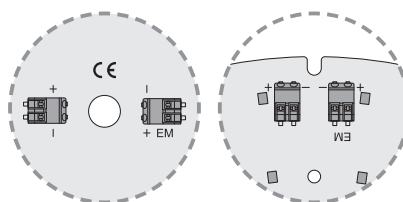


Cap. / Ch. 10

Push-button



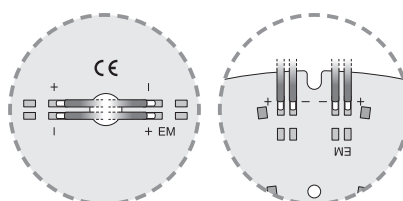
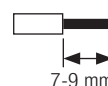
Cablaggio standard / Standard wiring



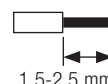
Inserire o rimuovere i cavi premendo leggermente sul pulsante

Insert or remove the cables by pressing lightly on the button

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Composizione codice ordine standard

(Senza cavi, connettori, pad termico e altri accessori)

Standard order code composition

(Without: cables, connectors, thermal pad and other accessories)

CL345 | XXXXX | XX | XXBB

① Codice fisso / Fixed code

CL345 _ XXBB

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

③ Emergenza / Emergency

NO	XI
SI / YES	XE

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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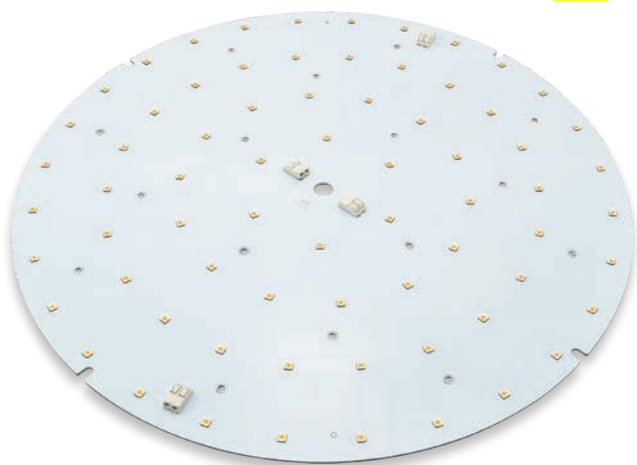


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL096

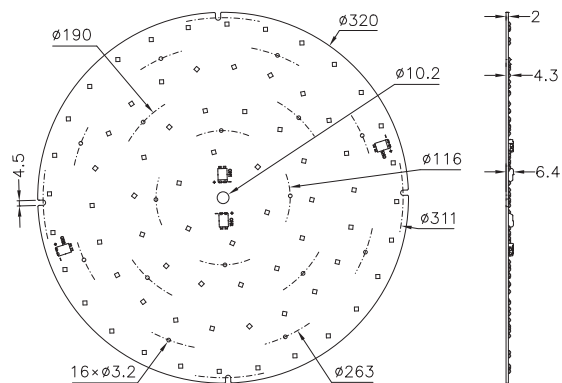
Scheda LED a corrente costante
Constant current LED board



Im max
22287



W max
147



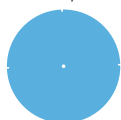
Input CC (Ch1 / Ch2)	350mA, 500mA, 700mA
V _F Max (Ch1 / Ch2)	105V
Max power (Ch1 + Ch2)	147W
Max lumen (Ch1 + Ch2)	22287 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	70 (35 x 2 Ch)
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 320 mm x h 6.4 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



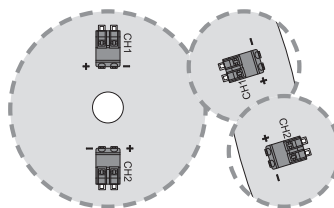
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cablaggio standard / Standard wiring

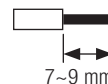


Inserire o rimuovere i cavi premendo leggermente sul pulsante
Insert or remove the cables by pressing lightly on the button

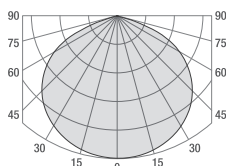


Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18

Conduttore flessibile con puntalino
Stranded conductor with ferrule
0.14~0.34mm² / AWG26~AWG22



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con connettori, senza pad termico e altri accessori)

Standard order code composition

(With connectors, without thermal pad and other accessories)

CL096 | **XXXXX** | **XJXAB**

① Codice fisso / Fixed code

CL096_XJXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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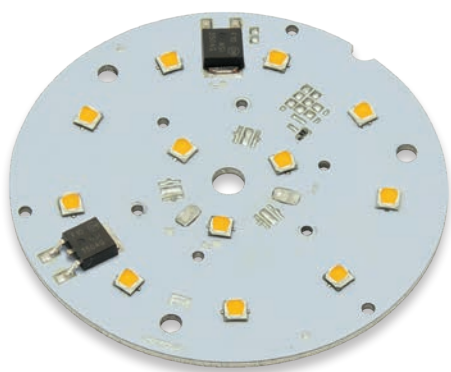


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL082_XV

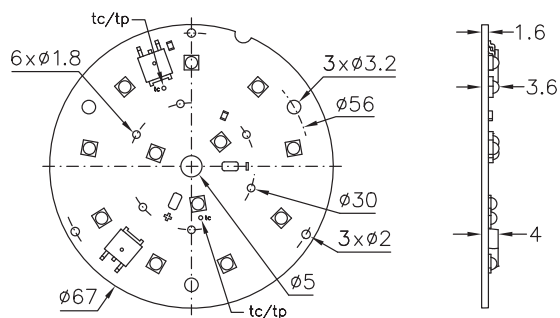
Scheda LED a tensione costante
Constant voltage LED board



Im max
2262



W max
17.5

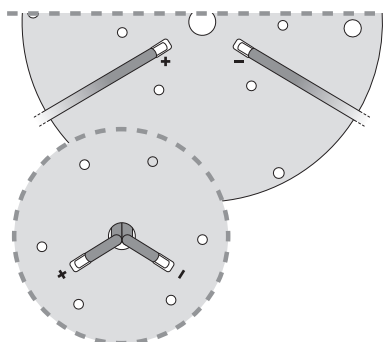


Input CV	24Vdc
Max power	17.5W
Max lumen	2262 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	12
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 67 mm x h 4 mm

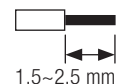
Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

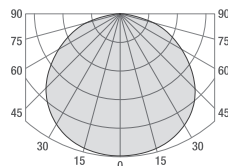
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL082 | **XXXXX** | **XV175XXAB**

① | ② | ①

① Codice fisso / Fixed code CL082_XV175XXAB

② CCT CRI>80

2700K	27803
3000K	30803
4000K	40803
5700K	57803

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



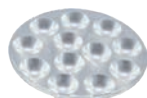
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Lente
Lens



Cap. / Ch. 11



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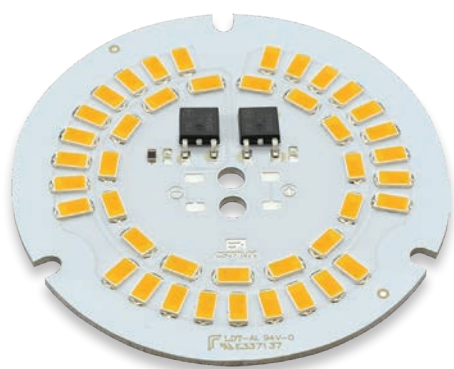


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL076_XV

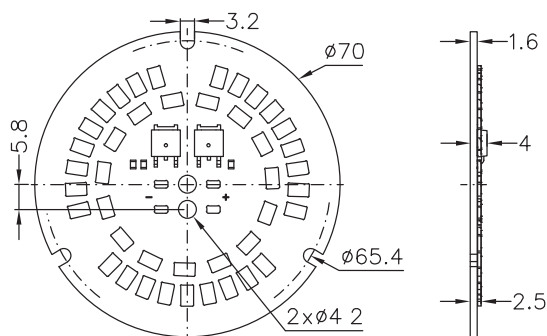
Scheda LED a tensione costante
Constant voltage LED board



Im max
2066



W max
17.6



Input CV	24Vdc
Max power	17.6W
Max lumen	2066 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	42
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 70 mm x h 4 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



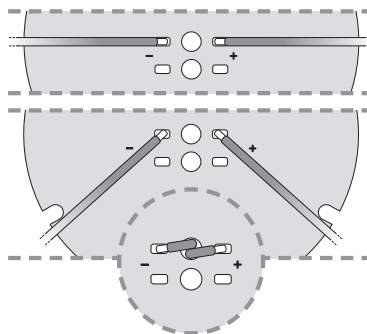
Cap. / Ch. 10

Cover

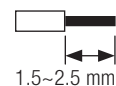


Cap. / Ch. 11

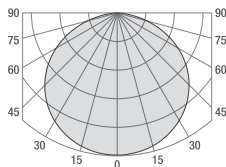
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL076 | XXXXX | XV176XXAD

1 Codice fisso / Fixed code CL076_XV176XXAD

2 CCT CRI>80

2700K	27803
3000K	30803
4000K	40803
5000K	50803

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL076_XV + Cover trasparente Transparent cover

Scheda LED a tensione costante
Constant voltage LED board

L70-B50
>36.000h
@t_c=85°C/TM21

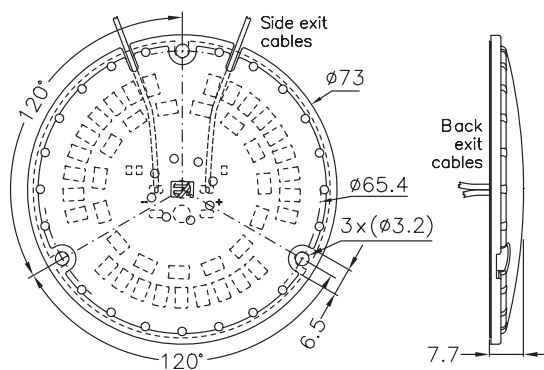
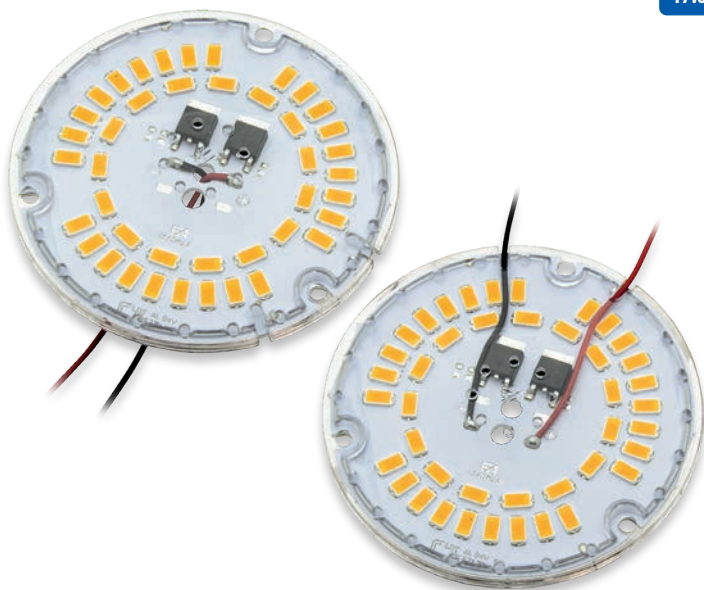
A
G F

Im max
1961

CV

W max
17.6

120°



Input CV	24Vdc
Max power	17.6W
Max lumen	1961 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	42
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 73 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



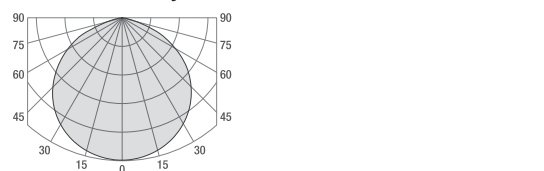
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL076 | XXXXX | XV176 | XX | YAD
① | ② | ① | ③ | ①

① Codice fisso / Fixed code CL076_XV176_YAD

② CCT CRI>80

3000K	30803
4000K	40803
5000K	50803

③ Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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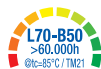
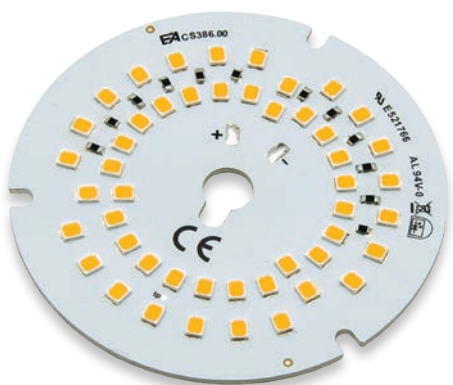


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL386_XV

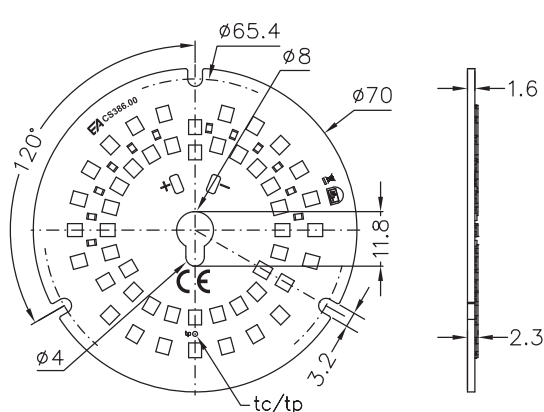
Scheda LED a tensione costante
Constant voltage LED board



Im max
2957



W max
21.5



Input CV	24Vdc
Max power	21.5W
Max lumen	2957 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	48
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 70 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cover



Cap. / Ch. 11

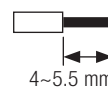
Micro push



Cablaggio standard / Standard wiring

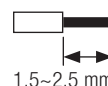
Micro push

Conduttore rigido - Solid conductor
0.14~0.34mm² / AWG26~AWG22



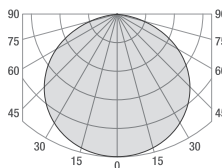
Cavo / Cable

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce

Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL386 | XXXXX | XV215XXBB

1 Codice fisso / Fixed code CL386_XV215XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL386_XV + Cover trasparente Transparent cover

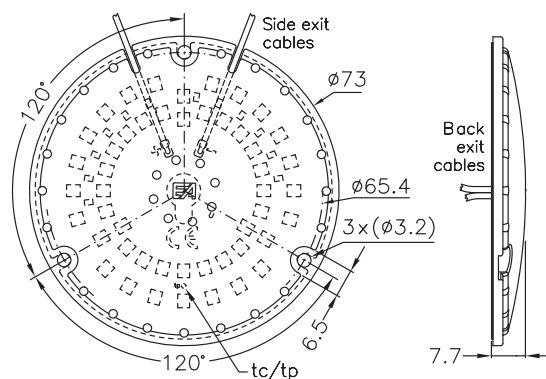
Scheda LED a tensione costante
Constant voltage LED board



Im max
2721



W max
21.5



Input CV	24Vdc
Max power	21.5W
Max lumen	2721 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	48
Beam angle	120°
Tmax	+85°C
ta	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 73 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



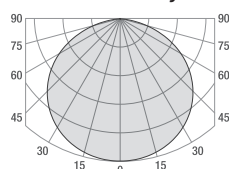
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL386 | **XXXXX** | **XV215** | **XX** | **YBB**

① Codice fisso / Fixed code CL386_XV215_YBB

② CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL386_XV + Cover satinata Frosted cover

Scheda LED a tensione costante
Constant voltage LED board



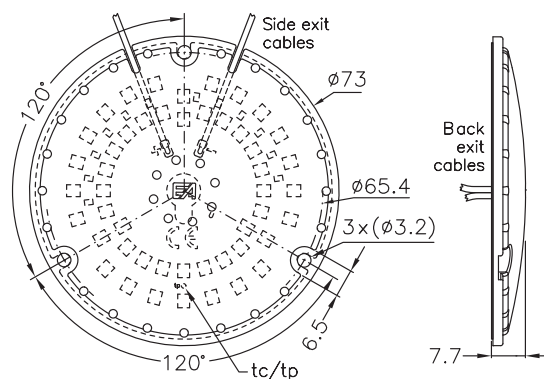
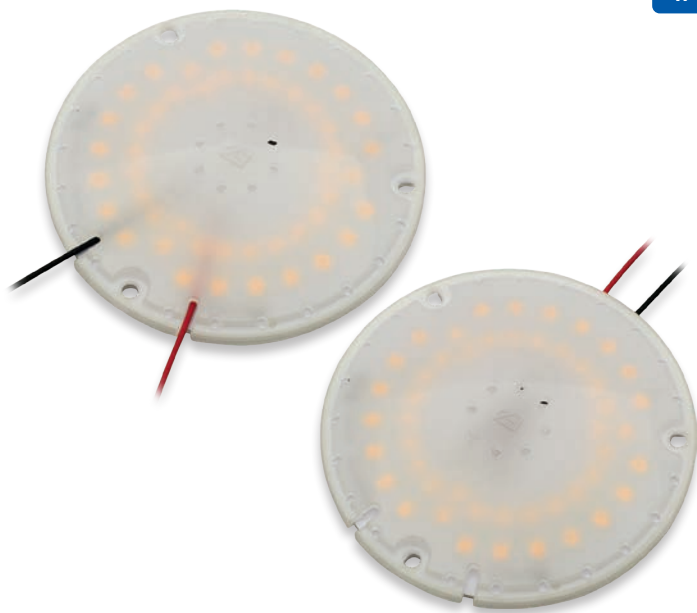
A
G

Im max
1940

CV

W max
17

120°



Input CV	24Vdc
Max power	17W
Max lumen	1940 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	48
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 73 mm x h 7.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



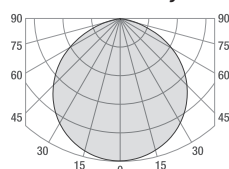
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL386 | XXXXX | XV170 | XX | YBB
① | ② | ① | ③ | ①

① Codice fisso / Fixed code CL386_XV170_YBB

② CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803
6500K	65803

③ Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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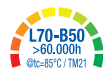


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL355_XV

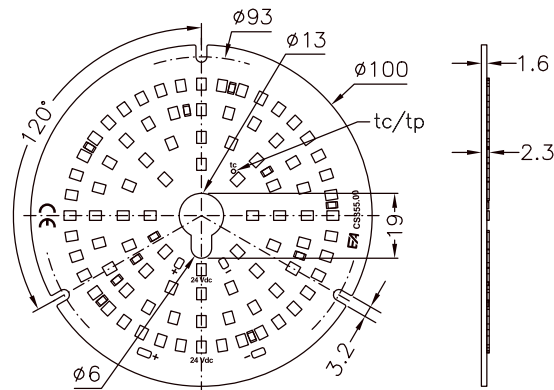
Scheda LED a tensione costante
Constant voltage LED board



Im max
2611



W max
17



Input CV	24Vdc
Max power	17W
Max lumen	2611 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

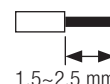
Cover



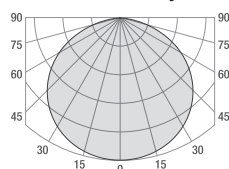
Cap. / Ch. 11

Cablaggio standard / Standard wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL355 | **XXXXX** | **XV170XXBA**

① Codice fisso / Fixed code CL355_XV170XXBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL355_XV + Cover trasparente Transparent cover

Scheda LED a tensione costante
Constant voltage LED board



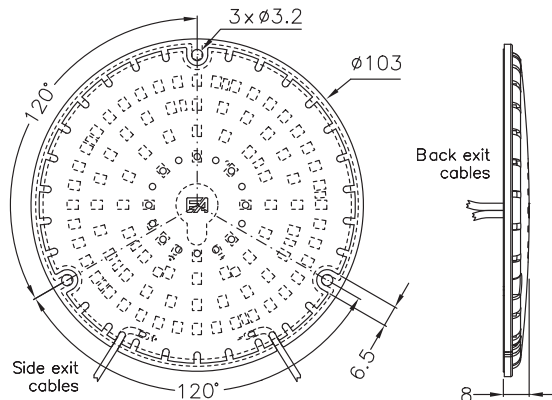
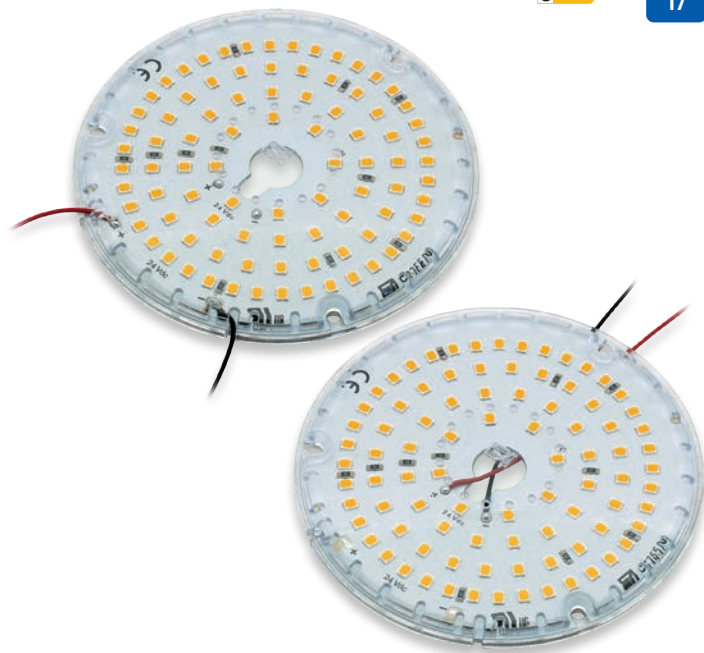
A
1
G
E

Im max
2402

CV

W max
17

120°



Input CV	24Vdc
Max power	17W
Max lumen	2402 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 103 mm x h 8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



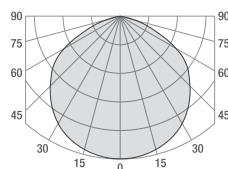
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL355 | **XXXXX** | **XV170** | **XX** | **YBA**

① Codice fisso / Fixed code CL355_XV170_YBA

② CCT	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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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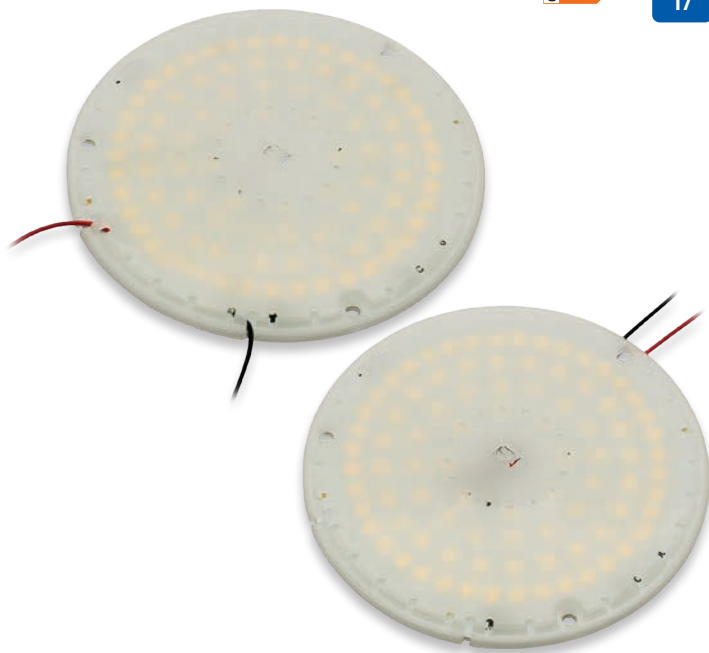
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Riferimenti normativi / Normative requirements
EN 62031 / EN 62471 / IEC TR 62778

CL355_XV + Cover satinata Frosted cover

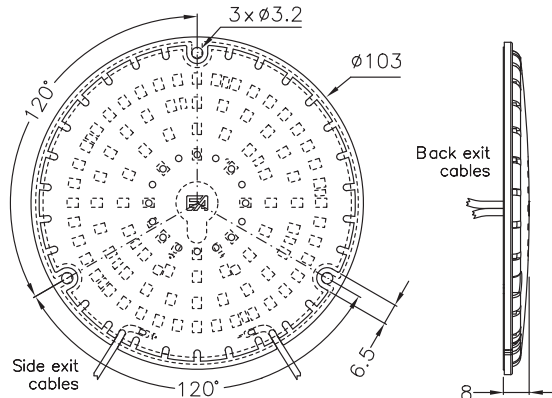
Scheda LED a tensione costante
Constant voltage LED board



Im max
2010



W max
17



Input CV	24Vdc
Max power	17W
Max lumen	2010 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 103 mm x h 8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



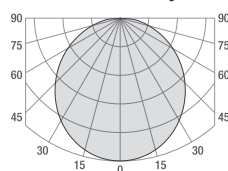
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL355 | XXXXX | XV170 | XX | ZBA
① | ② | ① | ③ | ①

① Codice fisso / Fixed code CL355_XV170_ZBA

② CCT	CRI>80
4000K	40803
5000K	50803

③ Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements
EN 62031 / EN 62471 / IEC TR 62778

CL331_XV1

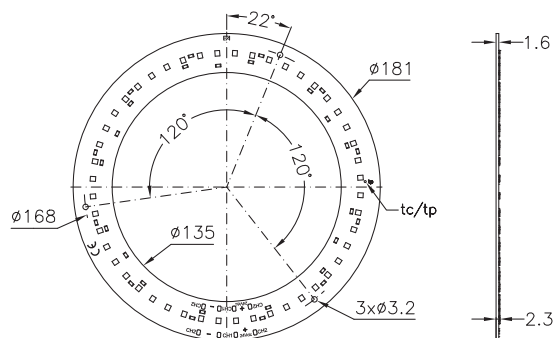
Scheda LED a tensione costante
Constant voltage LED board



Im max
3029



W max
22



Input CV	24Vdc
Max power	22W
Max lumen	3029 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	48
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 181 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



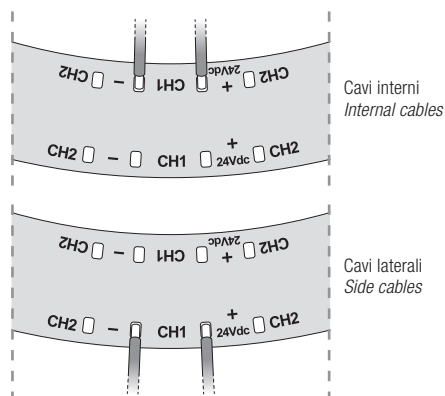
Cap. / Ch. 11

Cavo
Cable

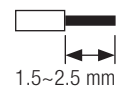


Cap. / Ch. 10

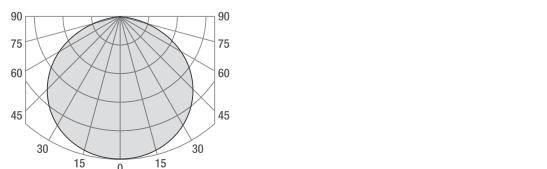
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL331 | **XXXXX** | **XV1220XXBB**

① Codice fisso / Fixed code CL331_XV1220XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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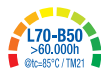


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL331_XV2

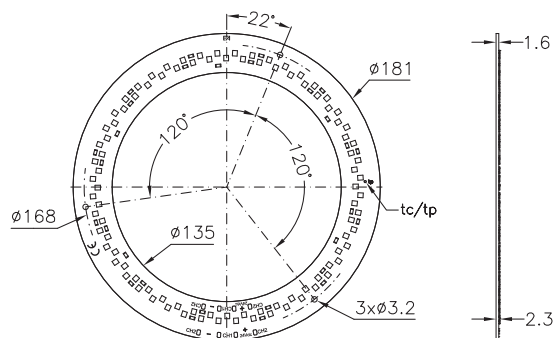
Scheda LED a tensione costante
Constant voltage LED board



Im max
5938



W max
45



Input CV	24Vdc
Max power (Ch1+Ch2)	45W
Max lumen (Ch1+Ch2)	5938 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	96 (48 + 48)
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 181 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



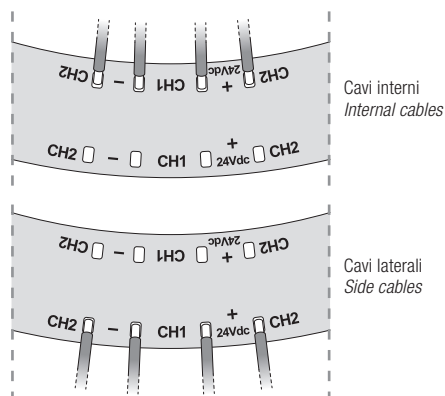
Cap. / Ch. 11

Cavo
Cable

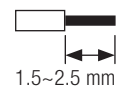


Cap. / Ch. 10

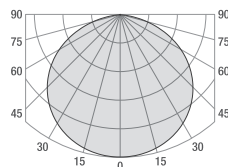
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL331 | **XXXXX** | **XV2450XXBB**

① | ② | ①

① Codice fisso / Fixed code	CL331_XV2450XXBB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
6500K	65803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements
EN 62031 / EN 62471 / IEC TR 62778

CL332_XV1

Scheda LED a tensione costante
Constant voltage LED board



Im max
3871

CV

W max
27

120°



Input CV	24Vdc
Max power	27W
Max lumen	3871 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	64
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 231 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad

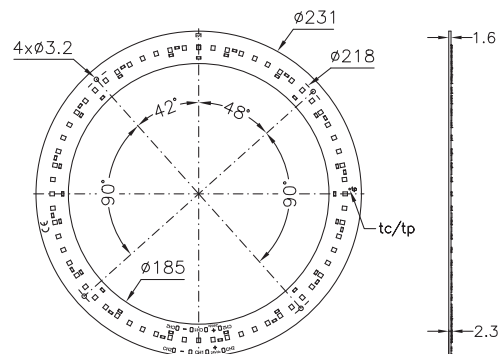


Cap. / Ch. 11

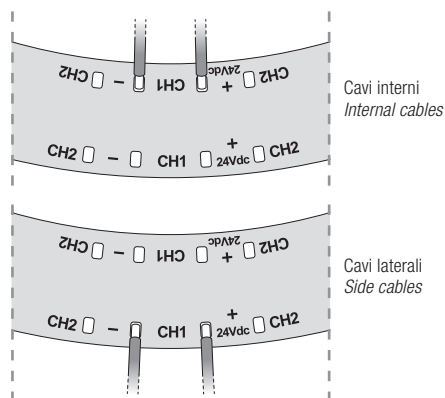
Cavo
Cable



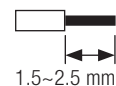
Cap. / Ch. 10



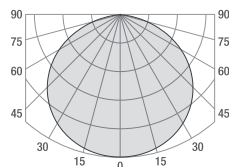
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL332 | **XXXXX** | **XV1270XXBB**

1

2

1

1 Codice fisso / Fixed code CL332_XV1270XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL332_XV2

Scheda LED a tensione costante
Constant voltage LED board



Im max
7588

CV

W max
54

120°



Input CV	24Vdc
Max power (Ch1+Ch2)	54W
Max lumen (Ch1+Ch2)	7588 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	128 (64+64)
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 231 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad

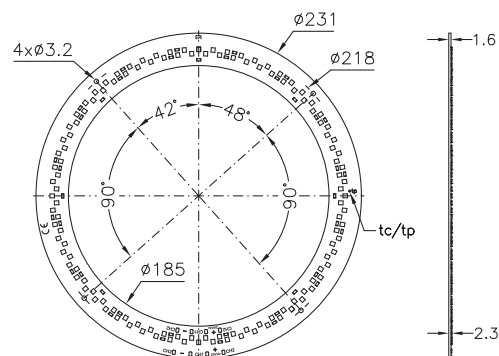


Cap. / Ch. 11

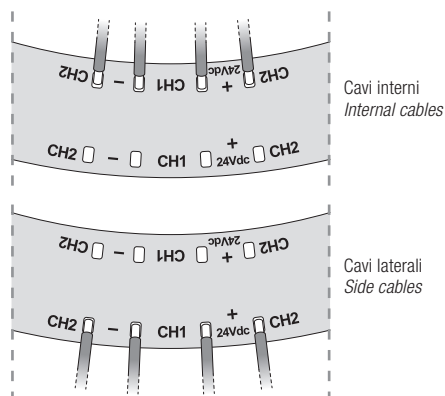
Cavo
Cable



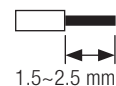
Cap. / Ch. 10



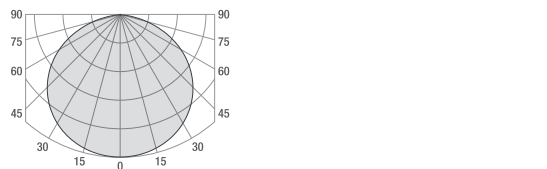
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL332 | **XXXXX** | **XV2540XXBB**

1

2

1

1 Codice fisso / Fixed code CL332_XV2540XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements
EN 62031 / EN 62471 / IEC TR 62778

CL333_XV1

Scheda LED a tensione costante
Constant voltage LED board

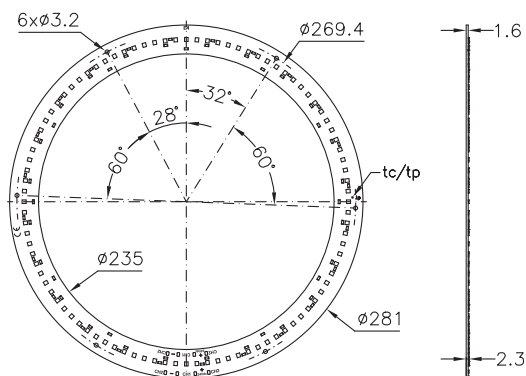


A
t
G
D

Im max
5888



W max
40



Input CV	24Vdc
Max power	40W
Max lumen	5888 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	96
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 281 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



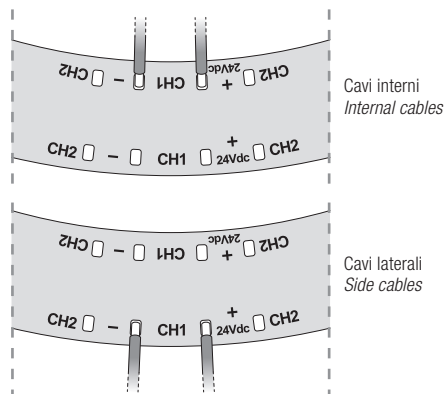
Cap. / Ch. 11

Cavo
Cable

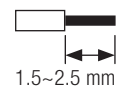


Cap. / Ch. 10

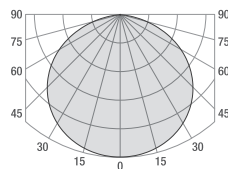
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL333 | **XXXXX** | **XV1400XXBB**

①

②

①

① Codice fisso / Fixed code CL333_XV1400XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL333_XV2

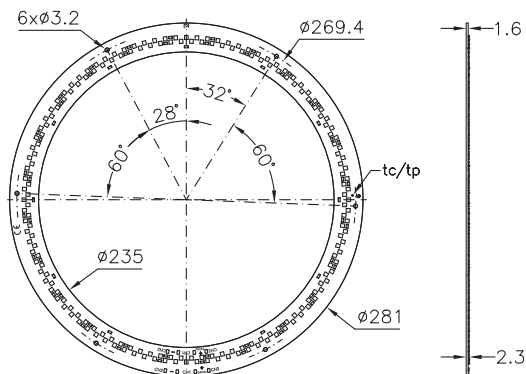
Scheda LED a tensione costante
Constant voltage LED board



Im max
11540



W max
80



Input CV	24Vdc
Max power	80W
Max lumen	11540 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	192 (96+96)
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 281 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



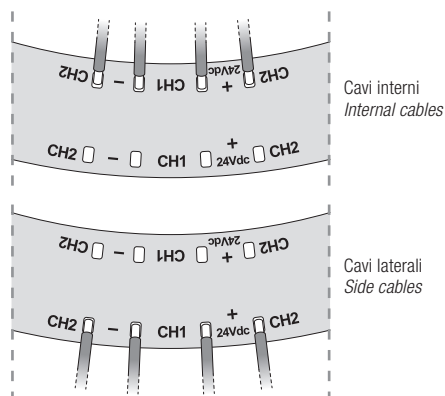
Cap. / Ch. 11

Cavo
Cable

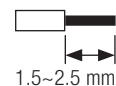


Cap. / Ch. 10

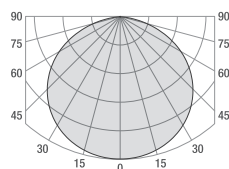
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL333 | **XXXXX** | **XV2800XXBB**

① Codice fisso / Fixed code CL333_XV2800XXBB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL345 cv

Scheda LED a tensione costante
Constant voltage LED board

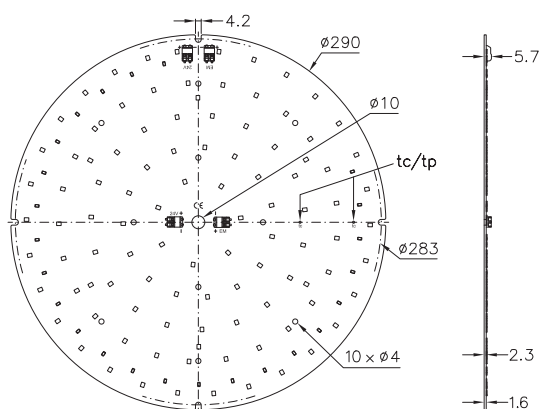


Im max
6582

CV

W max
45

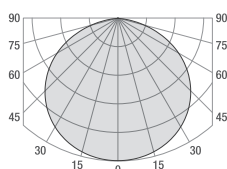
120°



Input CV	24Vdc
Max power	45W
Max lumen	6582 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 6500K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	96 + 6 circuito d'emergenza / emergency circuit
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 290 mm x h 2.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

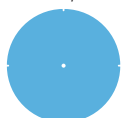
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

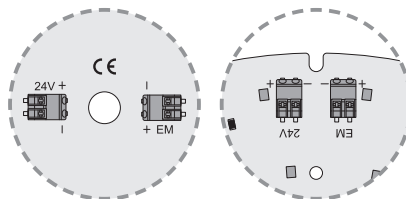


Cap. / Ch. 10

Push-button



Cablaggio standard / Standard wiring



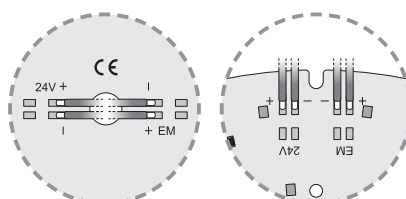
Inserire o rimuovere i cavi premendo leggermente sul pulsante

Insert or remove the cables by pressing lightly on the button

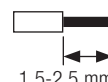
Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



7-9 mm



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



1.5-2.5 mm

Composizione codice ordine standard

(Senza cavi, connettori, pad termico e altri accessori)

Standard order code composition

(Without: cables, connectors, thermal pad and other accessories)

CL345 | **XXXXX** | **.XX** | **450XXBB**

① Codice fisso / Fixed code

CL345 _ 450XXBB

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

③ Emergenza / Emergency

NO	XV
SI / YES	XW

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL443

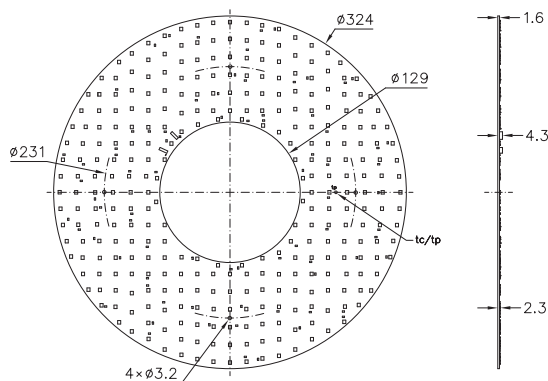
Scheda LED a tensione costante
Constant voltage LED board



Im max
2650



W max
16



Round Ø over 51 mm

Tonde Ø oltre 51 mm

Schede LED in tensione costante

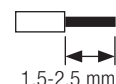
Input CV	24Vdc
Max power	16W
Max lumen	2650 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED q.ty	312
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 324 mm x h 4.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

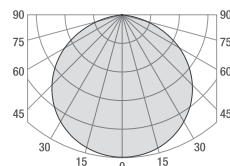
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Cablaggio standard / Standard wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con connettori, senza cavi, pad termico e altri accessori)

Standard order code composition

(With connectors, without cables thermal pad and other accessories)

CL443 | **XXXXX** | **XV160FXLA**

① Codice fisso / Fixed code

CL443 _ XV160FXLA

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

50903

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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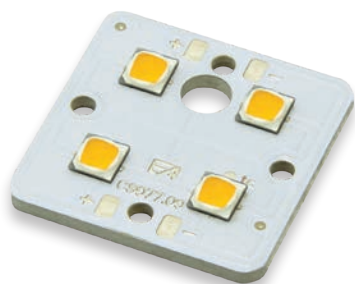


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL077

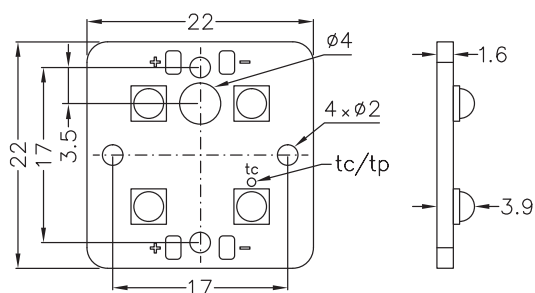
Scheda LED a corrente costante
Constant current LED board



Im max
1280



W max
8



Input CC	350mA, 500mA, 700mA
V _F Max	11.4V
Max power	8W
Max lumen	1280 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	4
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	22 x 22 mm x h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



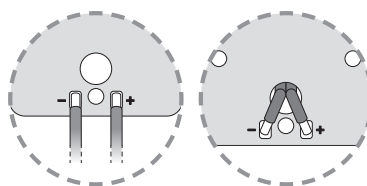
Cap. / Ch. 11

Cavo
Cable

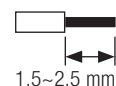


Cap. / Ch. 10

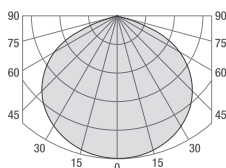
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL077 | **XXXXX** | **XXXAB**

① | ② | ①

① Codice fisso / Fixed code CL077 _ XXXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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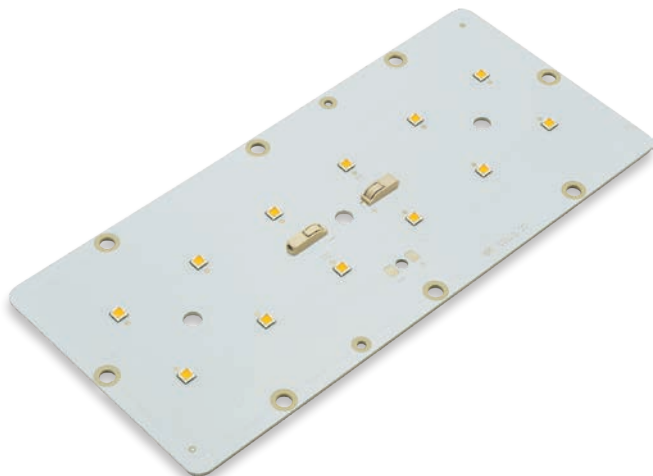


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

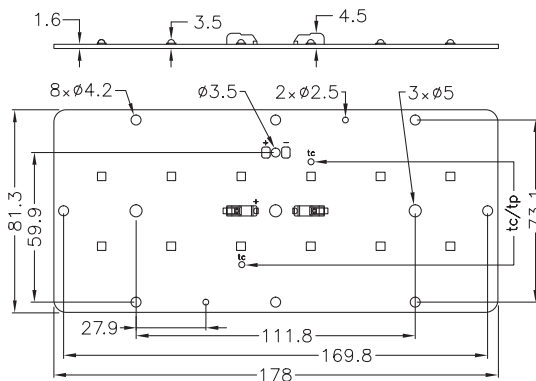
CL113

Scheda LED a corrente costante
Constant current LED board



Im max
2765

W max
17.1



Input CC	350mA, 500mA
V _F Max	34.2V
Max power	17.1W
Max lumen	2765 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	12
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	178 x 81.3 mm x h 4.5 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



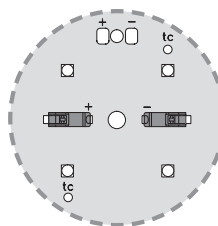
Cap. / Ch. 11

Cavo
Cable

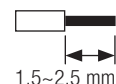


Cap. / Ch. 10

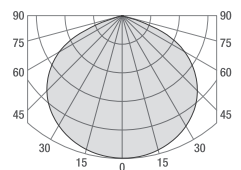
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL113 | XXXXX | .XXXAB |

① Codice fisso / Fixed code

CL113 _ XXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL004

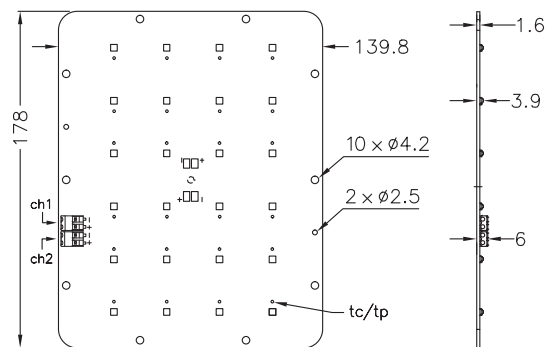
Scheda LED a corrente costante
Constant current LED board



Im max
5530



W max
34.2



Input CC	350mA, 500mA
V _F Max (2 Ch)	68.4V
Max power (2 Ch)	34.2W
Max lumen (2 Ch)	5530 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.7 mm
LED type	SEOUL® Z5M4
LED q.ty	24 (12 x 2Ch)
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	178 x 139.8 mm x h 6 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



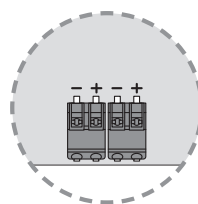
Cap. / Ch. 11

Cavo
Cable

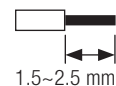


Cap. / Ch. 10

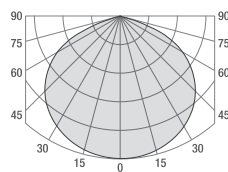
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL004 | XXXXX | .XXXAB
① | ② | ①

① Codice fisso / Fixed code

CL004 _XXXAB

② CCT

CRI>80

CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5700K	57803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL006

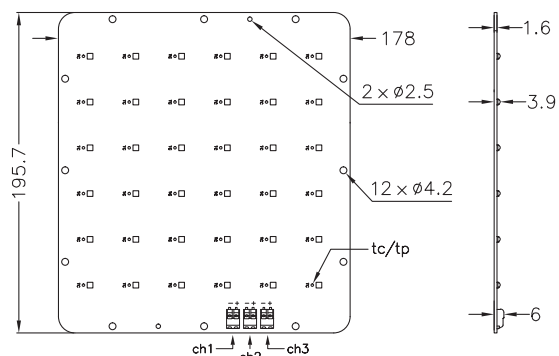
Scheda LED a corrente costante
Constant current LED board



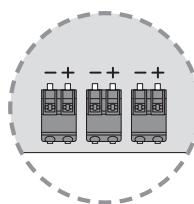
Im max
8294



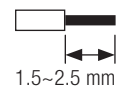
W max
51.3



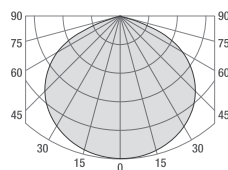
Cablaggio standard / Standard wiring



Conduttore rigido - *Solid conductor*
Conduttore flessibile - *Stranded conductor*
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL006 | **XXXXX** | **XXXAB**

① | ② | ①

① Codice fisso / Fixed code

CL006 _ XXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL007

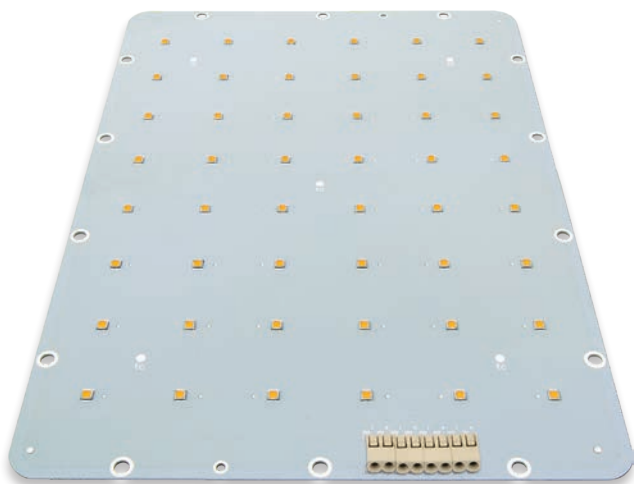
Scheda LED a corrente costante
Constant current LED board



Im max
11059



W max
68.4



Input CC	350mA, 500mA
V _F Max (4 Ch)	136.8V
Max power (4 Ch)	68.4W
Max lumen (4 Ch)	11059 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	48 (12 x 4 Ch)
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	251.6 x 178 mm x h 6 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad

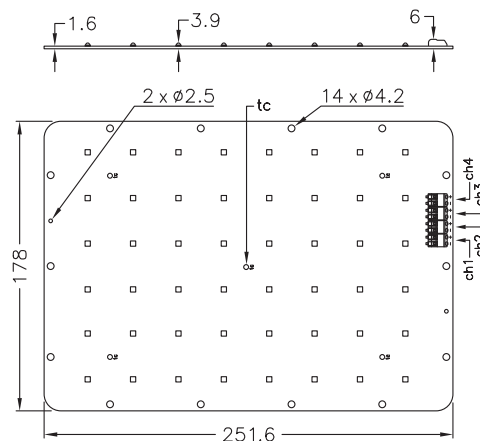


Cap. / Ch. 11

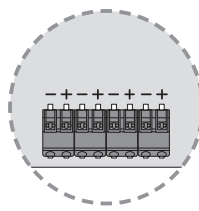
Cavo
Cable



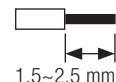
Cap. / Ch. 10



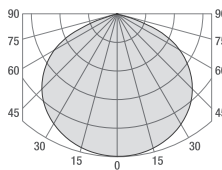
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL007 | XXXXX | .XXXAB |

① | ② | ①

① Codice fisso / Fixed code

CL007 _ XXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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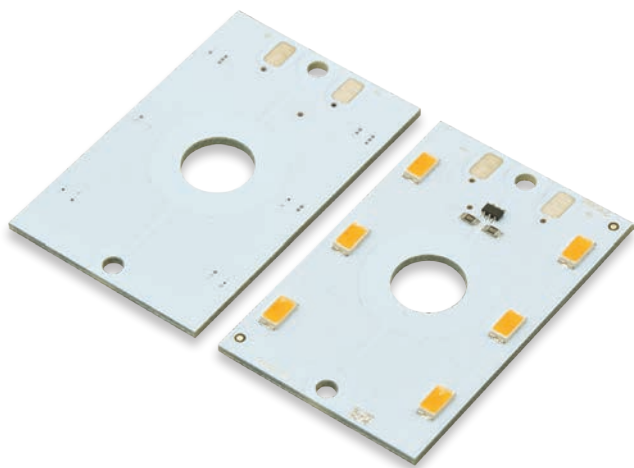


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL060

Scheda LED a tensione costante
Constant voltage LED board



Im max
238



W max
2



Input CV	24Vdc
Max power	2W
Max lumen	238 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	4
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	55 x 35 mm - h 2.9 mm

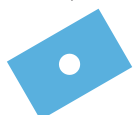
Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

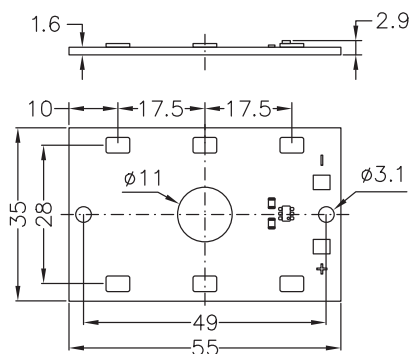


Cap. / Ch. 11

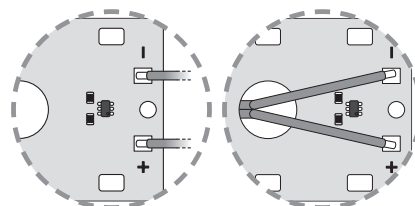
Cavo
Cable



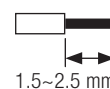
Cap. / Ch. 10



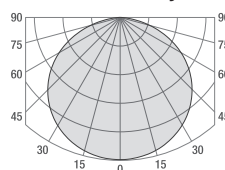
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL060 | XXXXX | XV020XXAD

① Codice fisso / Fixed code CL060_XV020XXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL107_XI

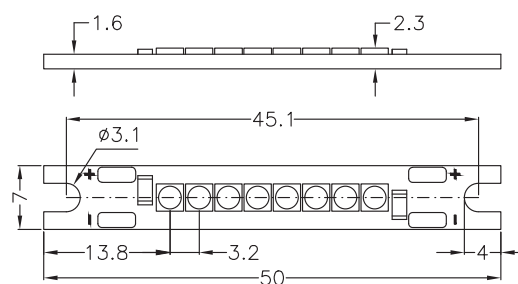
Scheda LED a corrente costante
Constant current LED board



Im max
1276



W max
8.7



Input CC	350mA, 500mA, 700mA
V _F Max	12.4V
Max power	8.7W
Max lumen	1276 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3030
LED q.ty	8
Beam angle	116°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	50 x 7 mm - h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



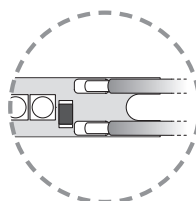
Cap. / Ch. 11

Cavo
Cable

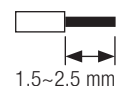


Cap. / Ch. 10

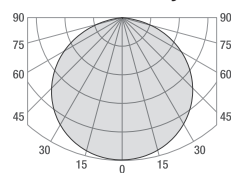
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL107 | XXXXX | XIXXDB

① Codice fisso / Fixed code CL107_XIXXDB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL047

Scheda LED a corrente costante
Constant current LED board



Im max
1216



W max
8.3



Input CC	350mA, 500mA, 700mA
V _F Max	11.8V
Max power	8.3W
Max lumen	1216 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	4
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	50 x 10 mm - h 3.9 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad

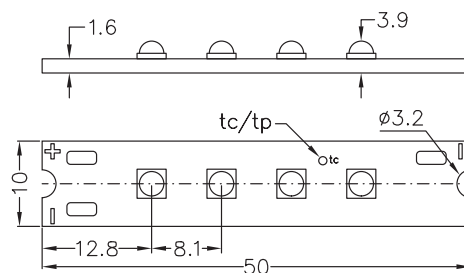


Cap. / Ch. 11

Cavo
Cable



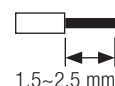
Cap. / Ch. 10



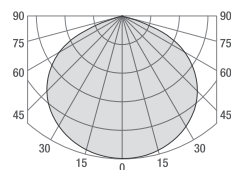
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL047 | **XXXXX** | **XXXAB**

① | ② | ①

① Codice fisso / Fixed code CL047 _ XXXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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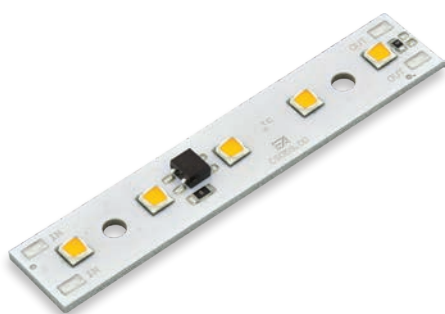


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL059

Scheda LED a corrente costante
Constant current LED board



Im max
1158



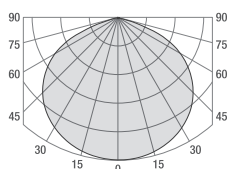
W max
8.1



Input CC	350mA, 500mA
V _F Max	16.2V
Max power	8.1W
Max lumen	1158 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	5
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	70 x 13.5 mm - h 4.2 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad

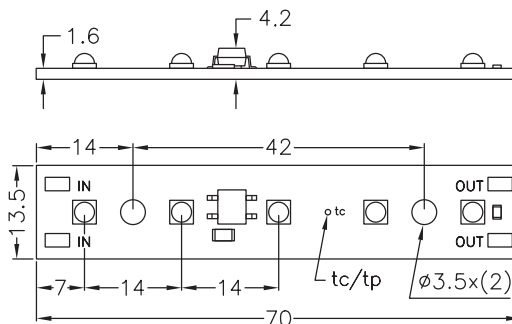


Cap. / Ch. 11

Cavo
Cable

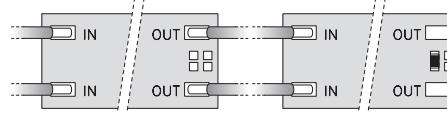


Cap. / Ch. 10



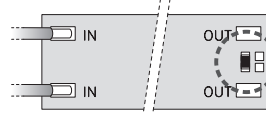
Cablaggio standard / Standard wiring

Linkabile / Linkable: max 3 schede LED / LED boards



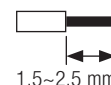
Ponte con resistenza (0 ohm) o stagno sull'ultima scheda LED
Bridge with resistance (0 ohm) or tinned on the last LED board

Non linkabile / Not linkable



Ponte con resistenza (0 ohm) o stagno
Bridge with resistance (0 ohm) or tinned

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL059 | XXXXX | .XXX | X | AB
① | ② | ① | ③ | ①

① Codice fisso / Fixed code CL059 _ XXX _ AB

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

③ Link

Non linkabile / Not linkable	U
Linkabile / Linkable	V

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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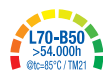


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL051_XI

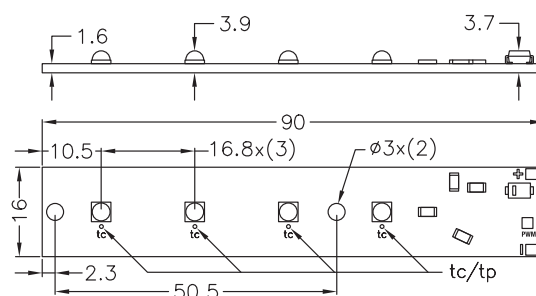
Scheda LED a corrente costante
Constant current LED board



Im max
1216



W max
8.3



Input CC	350mA, 500mA, 700mA
V _F Max	11.8V
Max power	8.3W
Max lumen	1216 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	4
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	90 x 16 mm - h 3.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



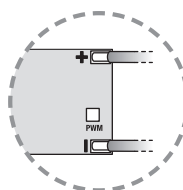
Cap. / Ch. 11

Cavo
Cable

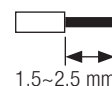


Cap. / Ch. 10

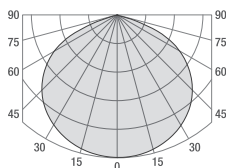
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL051 | XXXXX | XIXXAB

① Codice fisso / Fixed code

CL051_XIXXAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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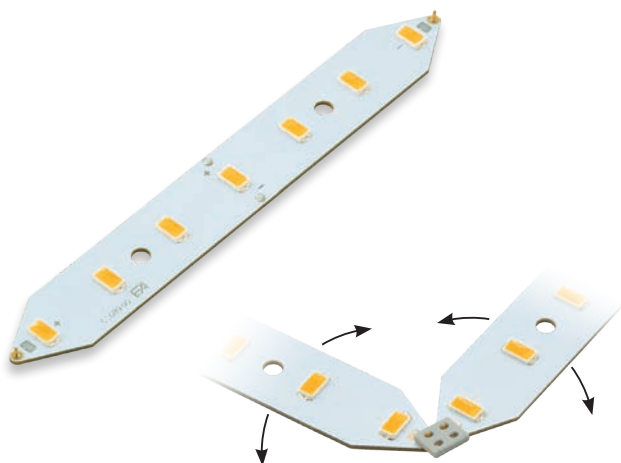


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL089

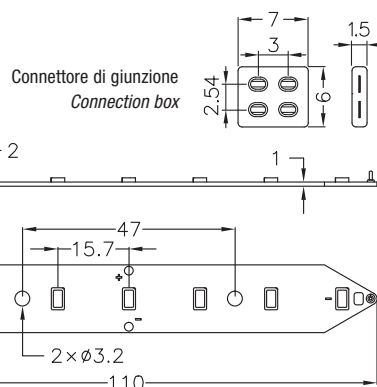
Scheda LED a tensione costante
Constant voltage LED board



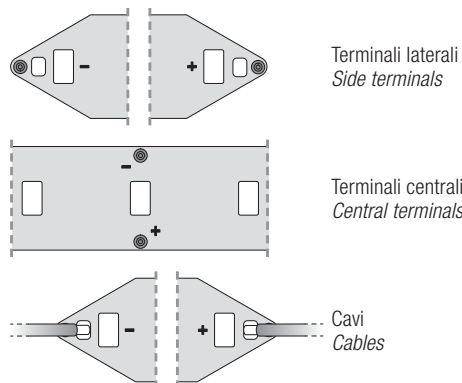
Im max
458



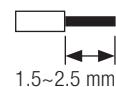
W max
3.3



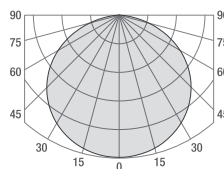
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	3.2V
Max power	3.3W
Max lumen	458 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	4
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	110 x 15 mm - h 3.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL089 | **XXXXX** | **XXXAD**

① Codice fisso / Fixed code

CL089 _ XXXAD

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Connettore di giunzione
Connection box



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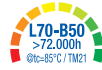


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL396

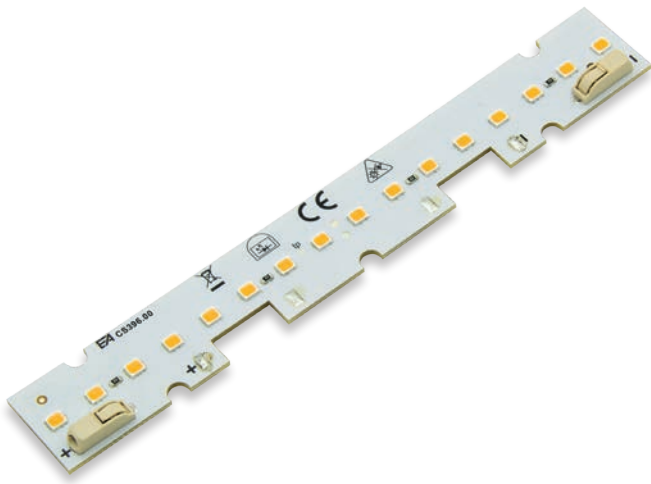
Scheda LED a corrente costante
Constant current LED board



Im max
1173



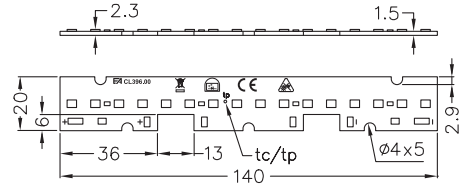
W max
8.3



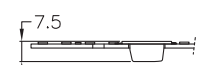
Input CC	250mA, 350mA, 500mA, 700mA
V _F Max	11.8V
Max power	8.3W
Max lumen	1173 lm
RA/CRI	CRI>90
R9	CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED q.ty	16
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	140 x 20 mm - h 5.9 / 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p



with top push-button connectors



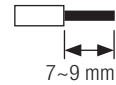
with bottom push-in connectors

Cablaggio standard / Standard wiring

Push-button

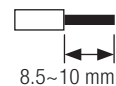
Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18

Conduttore flessibile con puntalino
Stranded conductor with ferrule
0.14~0.34mm² / AWG26~AWG22

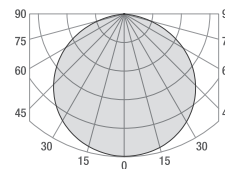


Push-in

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza connettori, cavi, pad termico e altri accessori)

Standard order code composition

(Without connectors, cables, thermal pad and other accessories)

CL396 | XXXXX | XIXXLB
① | ② | ①

① Codice fisso / Fixed code

CL396 _ XIXXLB

② CCT

CRI>90

2700K

27903

3000K

30903

4000K

40903

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Connettori
Connectors



Connettori
Connectors



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL015

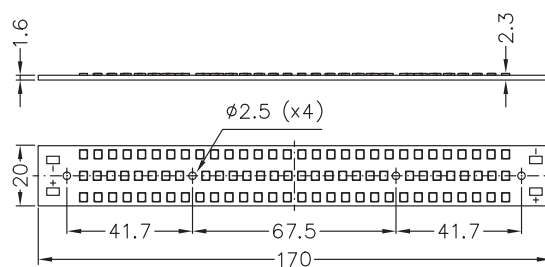
Scheda LED a corrente costante
Constant current LED board



Im max
1481



W max
8.9



Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	8.5V
Max power	8.9W
Max lumen	1481 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	90
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	170 x 20 mm - h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



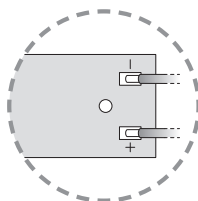
Cap. / Ch. 11

Cavo
Cable

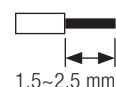


Cap. / Ch. 10

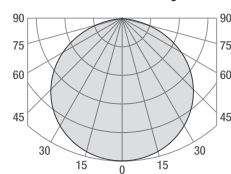
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL015 | XXXXX | . XXXBA

① Codice fisso / Fixed code

CL015 _ XXXBA

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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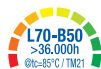


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL045

Scheda LED a corrente costante
Constant current LED board



Im max
798



W max
5.6



Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	6.2V
Max power	5.6W
Max lumen	798 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED q.ty	14
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	170 x 20 mm - h 5.6 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad

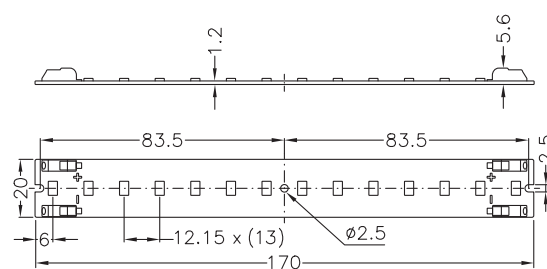


Cap. / Ch. 11

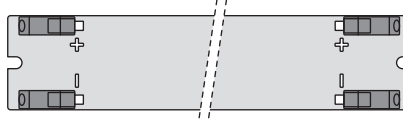
Cavo
Cable



Cap. / Ch. 10



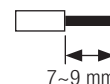
Cablaggio standard / Standard wiring



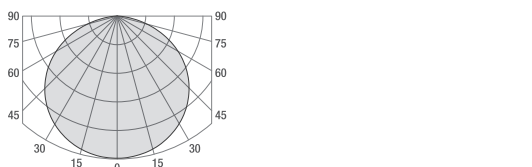
Inserire o rimuovere i cavi premendo leggermente sul pulsante

Insert or remove the cables by pressing lightly on the button

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL045 | XXXXX | XJXAD

① Codice fisso / Fixed code

CL045 _ XJXAD

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

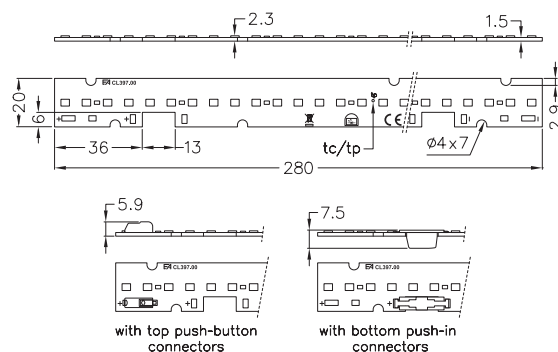
CL397

Scheda LED a corrente costante
Constant current LED board



Im max
2346

W max
16.5



Input CC	250mA, 350mA, 500mA, 700mA
V _F Max	23.5V
Max power	16.5W
Max lumen	2346 lm
RA/CRI	CRI>90
R9	CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED q.ty	32
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	280 x 20 mm - h 5.9 / 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

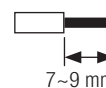
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Cablaggio standard / Standard wiring

Push-button

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18

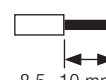
Conduttore flessibile con puntalino
Stranded conductor with ferrule
0.14~0.34mm² / AWG26~AWG22



7~9 mm

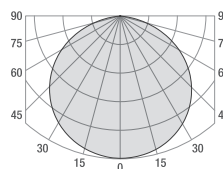
Push-in

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



8.5~10 mm

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza connettori, cavi, pad termico e altri accessori)

Standard order code composition

(Without connectors, cables, thermal pad and other accessories)

CL397 | XXXXX | XIXXLB
① | ② | ①

① Codice fisso / Fixed code

CL397 _ XIXXLB

② CCT

CRI>90

2700K

27903

3000K

30903

4000K

40903

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Connettori
Connectors



Connettori
Connectors



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL095_XI

Scheda LED a corrente costante
Constant current LED board



Im max
2801



W max
19.7



Input CC	350mA, 500mA, 700mA, 1050mA
V _F Max	18.8V
Max power	19.7W
Max lumen	2801 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED q.ty	42
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	420 x 12 mm - h 2.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

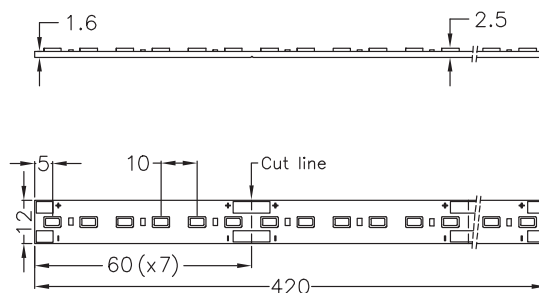


Cap. / Ch. 11

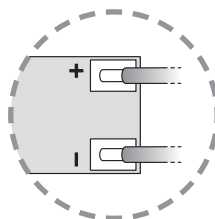
Cavo
Cable



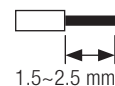
Cap. / Ch. 10



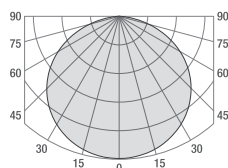
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL095 | XXXXX | XIXXAD

① Codice fisso / Fixed code

CL095_XIXXAD

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

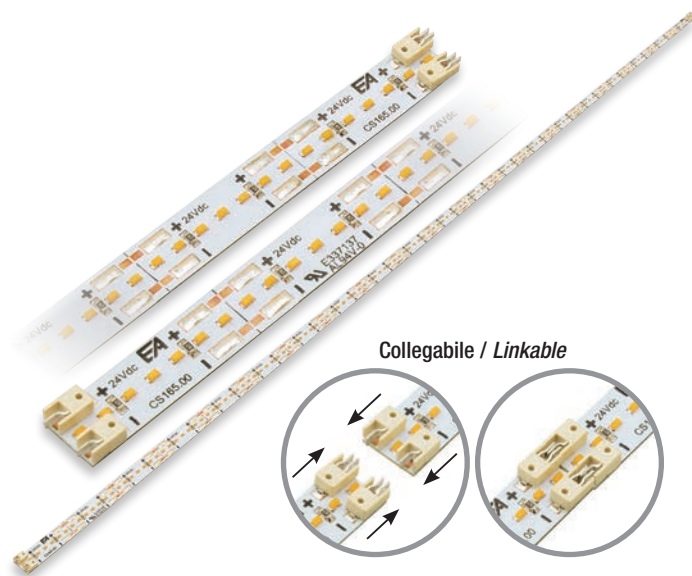
CL165_XI_R

Scheda LED a corrente costante
Constant current LED board



Im max
1428

W max
9



Input CC	130mA, 300mA, 350mA, 450mA
V _F Max	20V
Max power	9W
Max lumen	1428 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	NICHIA® T02
LED q.ty	70
Beam angle	180°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	250 x 8 mm - h 2.5 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

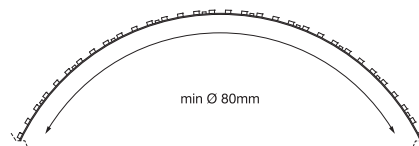
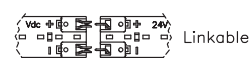
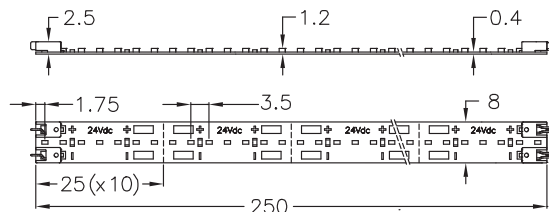
To be tested on final application measured at LED board t_c / t_p (if present) or at the nearest point to the LED

Accessori / Accessories

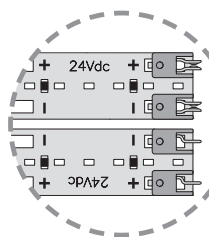
Cavo
Cable



Cap. / Ch. 10



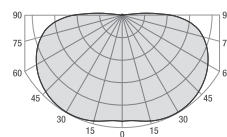
Cablaggio standard / Standard wiring



ATTENZIONE / ATTENTION

Anche nella versione in corrente costante sul PCB è riportata l'indicazione "24 Vdc"
Also in the constant current version, the indication "24 Vdc" is shown on the PCB

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL165 | XXXXX | . XIKXREA

① Codice fisso / Fixed code CL165_XIKXREA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

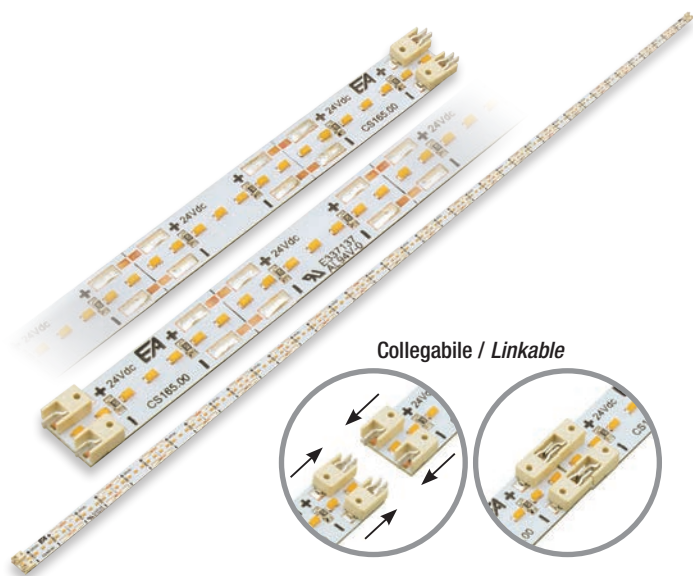
CL165_XI

Scheda LED a corrente costante
Constant current LED board

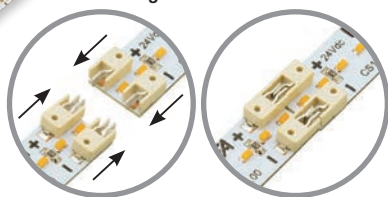


Im max
3244

W max
21.2



Collegabile / Linkable



Input CC	350mA, 500mA, 700mA, 900mA, 1050mA
V _F Max	20.2V
Max power	21.2W
Max lumen	3244 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	NICHIA® T02
LED q.ty	140
Beam angle	180°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	500 x 8 mm - h 2.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

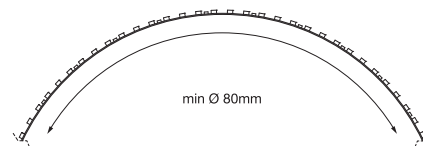
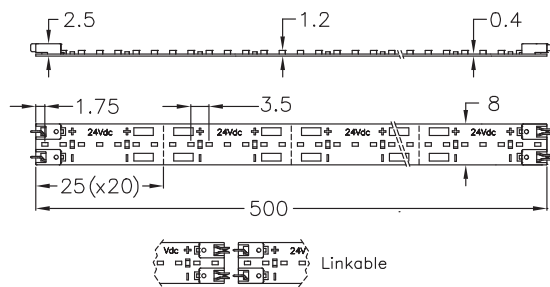
To be tested on final application measured at LED board t_c / t_p (if present) or at the nearest point to the LED

Accessori / Accessories

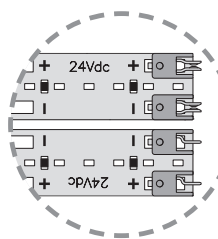
Cavo
Cable



Cap. / Ch. 10



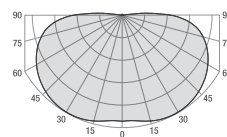
Cablaggio standard / Standard wiring



ATTENZIONE / ATTENTION

Anche nella versione in corrente costante sul PCB è riportata l'indicazione "24 Vdc"
Also in the constant current version, the indication "24 Vdc" is shown on the PCB

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL165 | XXXXX | . XIKXEA

① Codice fisso / Fixed code

CL165 _ XIKXEA

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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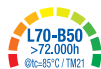


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL398

Scheda LED a corrente costante
Constant current LED board



Im max
4692



W max
32.9



Input CC	250mA, 350mA, 500mA, 700mA
V _F Max	47V
Max power	32.9W
Max lumen	4692 lm
RA/CRI	CRI>90
R9	CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SAMSUNG® 2835
LED q.ty	64
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	560 x 20 mm - h 5.9 / 7.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable

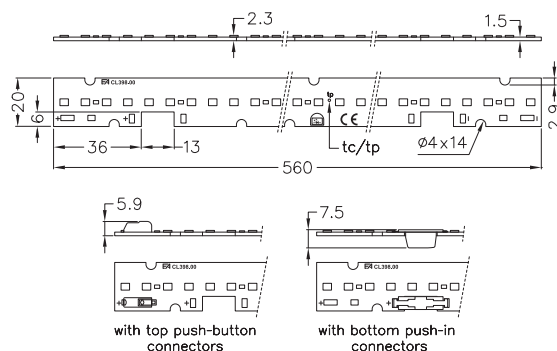


Cap. / Ch. 10

Connettori
Connectors



Connettori
Connectors

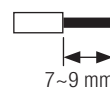


Cablaggio standard / Standard wiring

Push-button

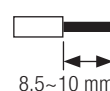
Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18

Conduttore flessibile con puntalino
Stranded conductor with ferrule
0.14~0.34mm² / AWG26~AWG22

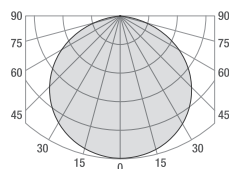


Push-in

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.2~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza connettori, cavi, pad termico e altri accessori)

Standard order code composition

(Without connectors, cables, thermal pad and other accessories)

CL398 | XXXXX | XIXXLB
① | ② | ①

① Codice fisso / Fixed code

CL398 _ XIXXLB

② CCT

CRI>90

2700K

27903

3000K

30903

4000K

40903

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL218

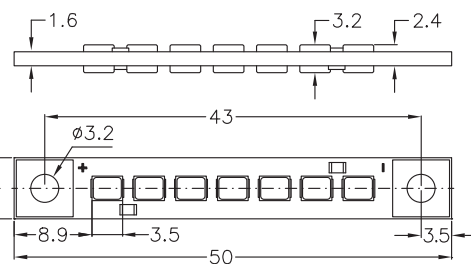
Scheda LED a tensione costante
Constant voltage LED board



Im max
198



W max
1.4

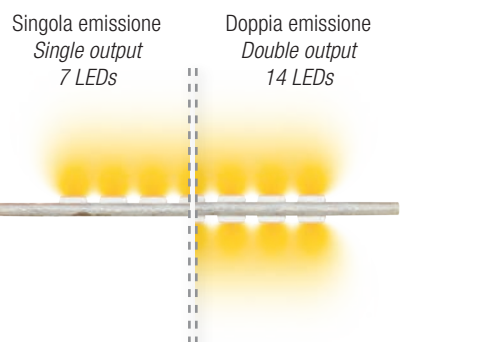


Input CV	24Vdc
Max power	1.4W
Max lumen	198 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	Singola emissione/single output: 7 Doppia emissione/double output: 14
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	50 x 7 mm - h 2.4 mm

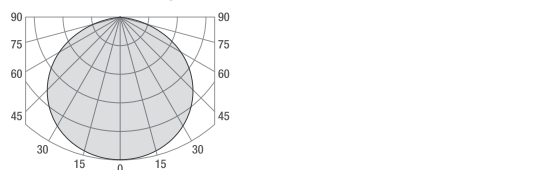
Temperatura d'esercizio / Working temperature (Tmax)

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



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL218 | **XXXXX** | **XV** | **X** | **014XXAB**

① | ② | ① | ③ | ①

① **Codice fisso / Fixed code** CL218_XV_014XXAB

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

③ Emissione / Output

Singola / Single: 7 LEDs	1
Doppia / Double: 14 LEDs	2

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL107_XV

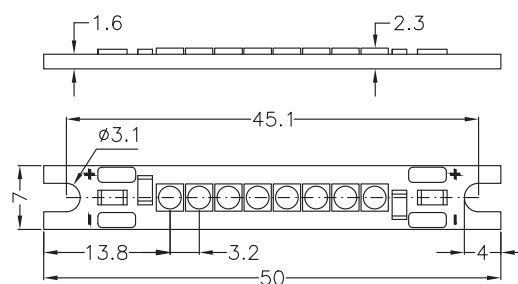
Scheda LED a tensione costante
Constant voltage LED board



Im max
950



W max
5.8



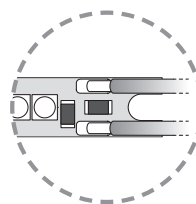
Input CV	12Vdc
Max power	5.8W
Max lumen	950 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3030
LED q.ty	8
Beam angle	116°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	50 x 7 mm - h 2.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

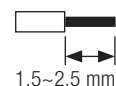
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED

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

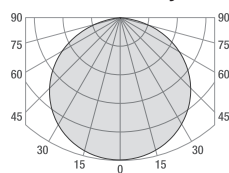
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL107 | **XXXXX** | **XV058XXDB**

① Codice fisso / Fixed code CL107_XV058XXDB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



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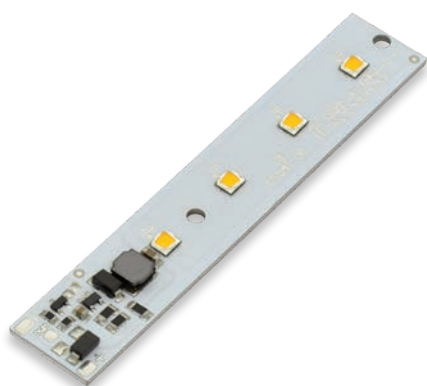


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL051

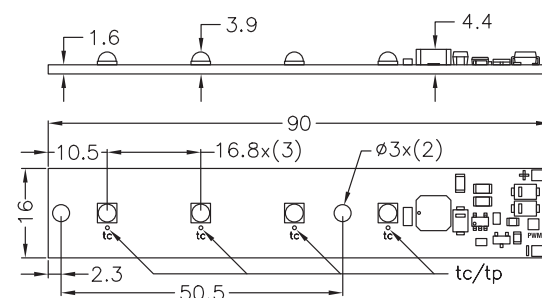
Scheda LED a tensione costante
Constant voltage LED board



Im max
1345



W max
10



Input CV	24Vdc
Max power	10W
Max lumen	1345 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® Z5M4
LED q.ty	4
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	90 x 16 mm - h 4.4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Accessori / Accessories

Pad termico
Thermal pad



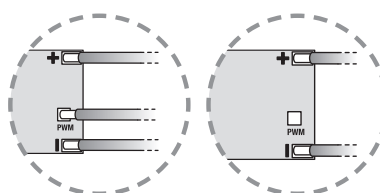
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

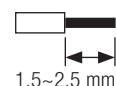
Cablaggio standard / Standard wiring



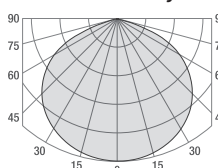
Dimmerabile
Dimmable

Non dimmerabile
Not dimmable

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL051 | XXXXX | . XX | 100XXAB
① | ② | ③ | ①

① Codice fisso / Fixed code	CL051 _ 100XXAB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
③ Emissione / Output		
Dimmerabile / Dimmable	XV	
Non dimmerabile / Not dimmable	XN	

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL046

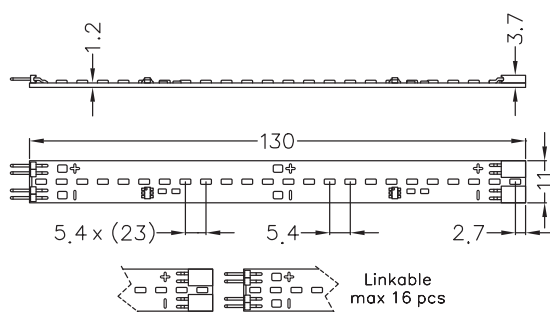
Scheda LED a tensione costante
Constant voltage LED board



Im max
433



W max
3.5



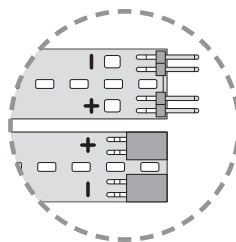
Input CV	24Vdc
Max power	3.5W
Max lumen	433 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	LUMILEDS LUXEON® 3014
LED q.ty	24
Beam angle	116°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	130 x 11 mm - h 3.7 mm

Temperatura d'esercizio / Working temperature (T_{max})

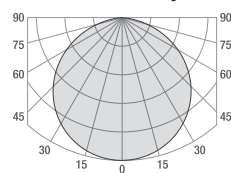
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED

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

Cablaggio standard / Standard wiring



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL046 | **XXXXX** | **XV035KXDA**

① | ② | ①

① Codice fisso / Fixed code CL046_XV035KXDA

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	/
4000K	40803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cavo con connettore
Cable with connector



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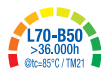


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL037

Scheda LED a tensione costante
Constant voltage LED board



Im max
225



W max
3



Input CV	24Vdc
Max power	3W
Max lumen	225 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3100K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	KE GUANG 5050
LED q.ty	10
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	200 x 12 mm - h 3.7 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad

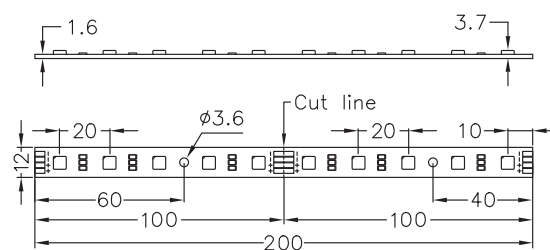


Cap. / Ch. 11

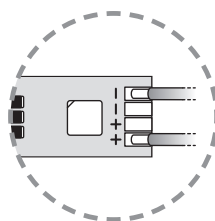
Cavo
Cable



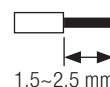
Cap. / Ch. 10



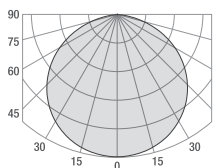
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL037 | XXXXX | XV030XXIA
① | ② | ①

① Codice fisso / Fixed code CL037 _ XV030XXIA

② CCT CRI>80

2700K	27803
3100K	31803

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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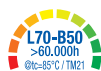


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL049

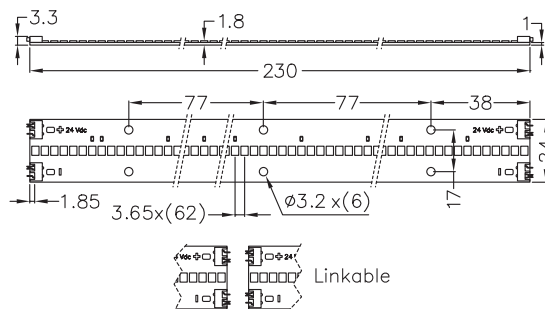
Scheda LED a tensione costante
Constant voltage LED board



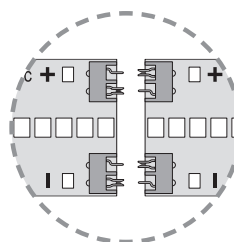
Im max
756



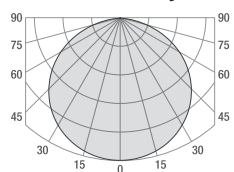
W max
5



Cablaggio standard / Standard wiring



Curva tipica di distribuzione della luce Luminous intensity distribution



Input CV	24Vdc
Max power	5W
Max lumen	756 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	63
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	230 x 24 mm - h 3.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL049 | **XXXXX** | **XV050XXBA**

① Codice fisso / Fixed code CL049_XV050XXBA

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL032

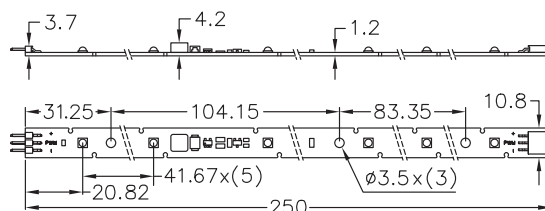
Scheda LED a tensione costante
Constant voltage LED board



Im max
1008



W max
7



Linkable
max 8 pcs

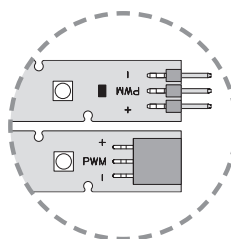
Input CV	12-24Vdc
Max power	7W
Max lumen	1008 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® Z5M4
LED q.ty	6
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	250 x 10.8 mm - h 4.2 mm

Temperatura d'esercizio / Working temperature (T_{max})

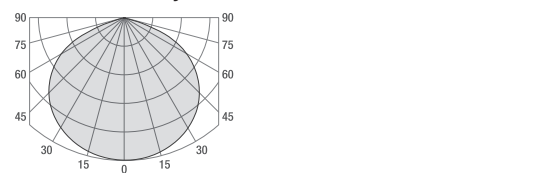
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED

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

Cablaggio standard / Standard wiring



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL032 | **XXXXX** | **XV070KXAB**

① | ② | ①

① Codice fisso / Fixed code CL032_XV070KXAB

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cavo con connettore
Cable with connector



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL031

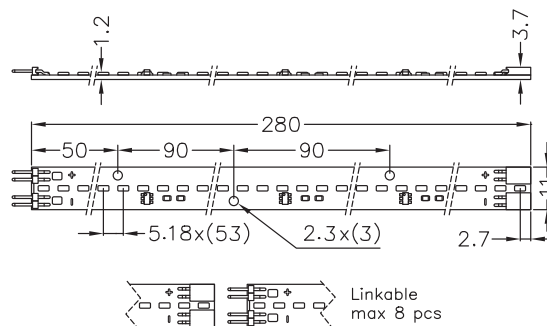
Scheda LED a tensione costante
Constant voltage LED board



Im max
862



W max
6.9



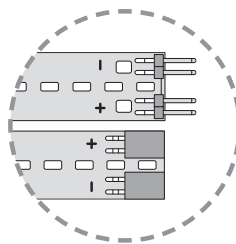
Input CV	24Vdc
Max power	6.9W
Max lumen	862 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	LUMILEDS LUXEON® 3014
LED q.ty	54
Beam angle	116°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	280 x 11 mm - h 3.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

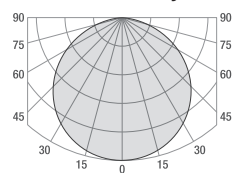
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED

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

Cablaggio standard / Standard wiring



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL031 | **XXXXX** | **XV069KXDA**

① | ② | ①

① Codice fisso / Fixed code CL031_XV069KXDA

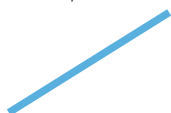
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	/
4000K	40803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cavo con connettore
Cable with connector



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL088

Scheda LED a tensione costante
Constant voltage LED board



Im max
476



W max
3.8



Input CV	24Vdc
Max power	3.8W
Max lumen	476 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	LUMILEDS LUXEON® 3014
LED q.ty	30
Beam angle	116°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	280 x 8 mm - h 2.4 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

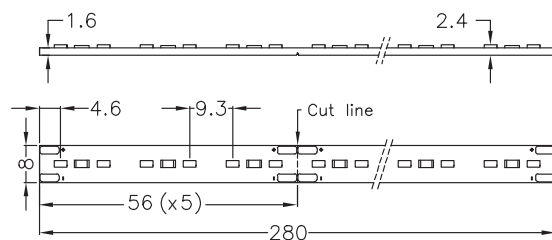


Cap. / Ch. 11

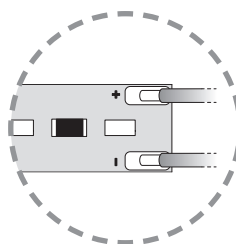
Cavo
Cable



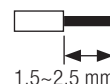
Cap. / Ch. 10



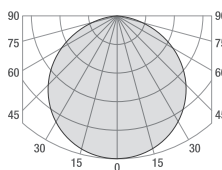
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL088 | **XXXXX** | **XV038XXDA**

① | ② | ①

① Codice fisso / Fixed code CL088_XV038XXDA

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	/
4000K	40803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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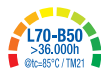


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL114

Scheda LED a tensione costante
Constant voltage LED board



Im max
798



W max
6.3



Input CV	24Vdc
Max power	6.3W
Max lumen	798 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED q.ty	14
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	280 x 13 mm - h 3.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

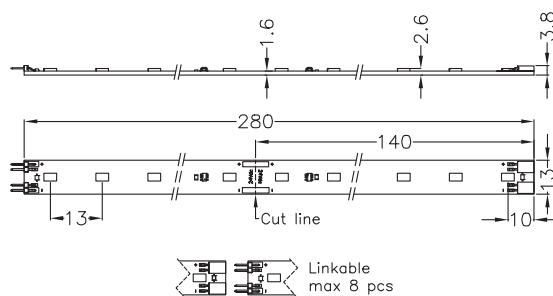


Cap. / Ch. 11

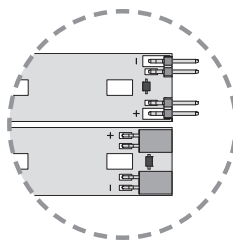
Cavo
Cable



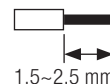
Cap. / Ch. 10



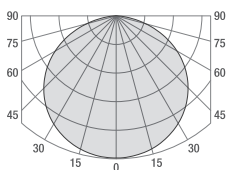
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL114 | XXXXX | XV063KXAD
① | ② | ①

① Codice fisso / Fixed code CL114_XV063KXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL084

Scheda LED a tensione costante
Constant voltage LED board



Im max
1124



W max
10



Input CV	24Vdc
Max power	10W
Max lumen	1124 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED q.ty	18
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	300 x 11 mm - h 2.75 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

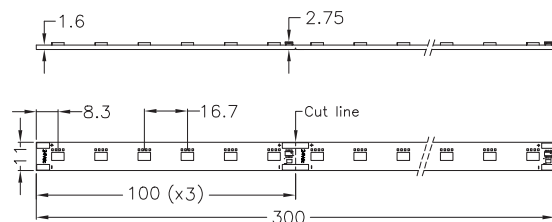


Cap. / Ch. 11

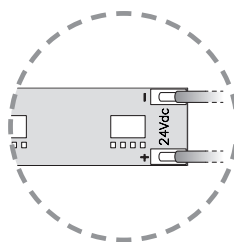
Cavo
Cable



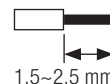
Cap. / Ch. 10



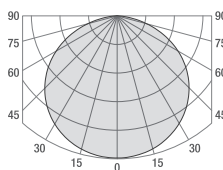
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL084 | **XXXXX** | **XV100XXAD**

① Codice fisso / Fixed code CL084_XV100XXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL095_XV

Scheda LED a tensione costante
Constant voltage LED board



Im max
2493



W max
22



Input CV	24Vdc
Max power	22W
Max lumen	2493 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED q.ty	42
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	420 x 12 mm - h 2.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

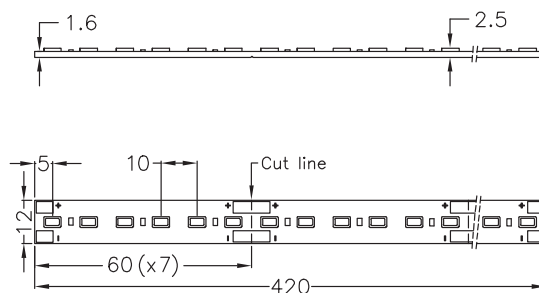


Cap. / Ch. 11

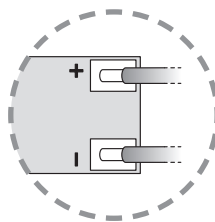
Cavo
Cable



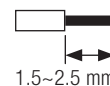
Cap. / Ch. 10



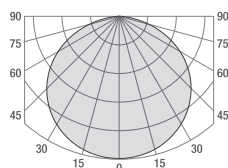
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL095 | XXXXX | XV220XXAD

1 Codice fisso / Fixed code CL095_XV220XXAD

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL070

Scheda LED a tensione costante
Constant voltage LED board



Im max
916



W max
8



Input CV	24Vdc
Max power	8W
Max lumen	916 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	SEOUL® 5630
LED q.ty	36
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	470 x 12 mm - h 2.5 mm

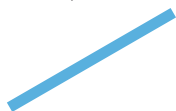
Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad

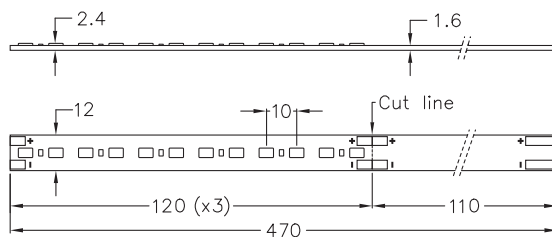


Cap. / Ch. 11

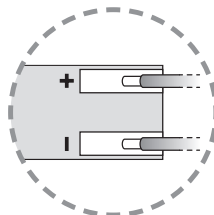
Cavo
Cable



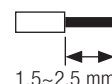
Cap. / Ch. 10



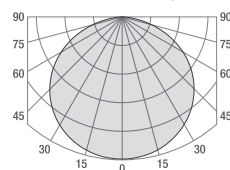
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL070 | XXXXX | XV080XXAD
① | ② | ①

① Codice fisso / Fixed code CL070_XV080XXAD

② CCT CRI>80 CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL165_XV

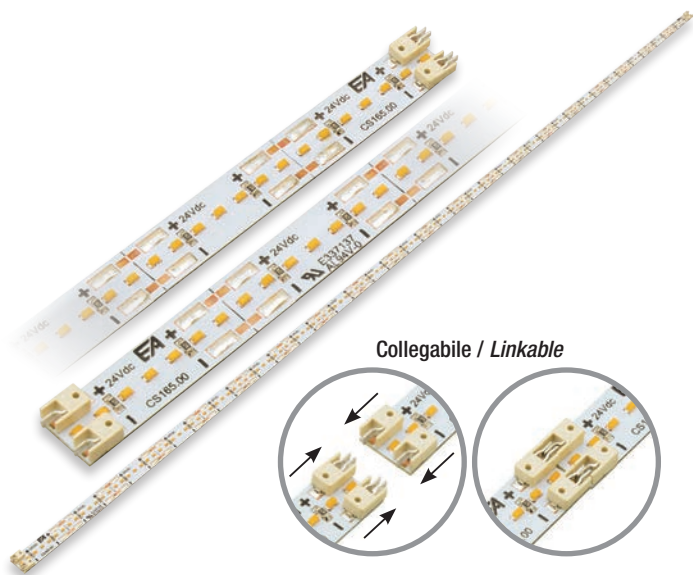
Scheda LED a tensione costante
Constant voltage LED board



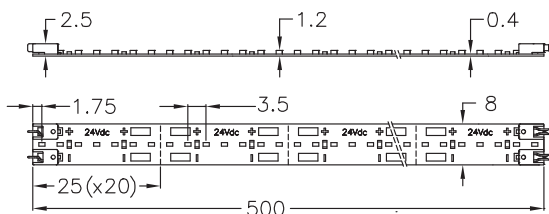
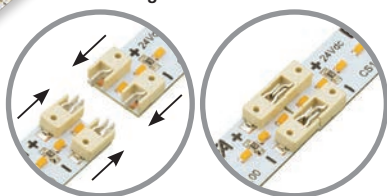
Im max
3214



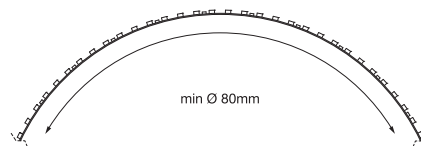
W max
24



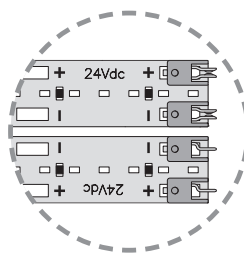
Collegabile / Linkable



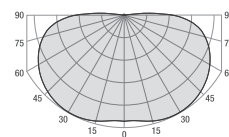
Linkable
max 7 pcs



Cablaggio standard / Standard wiring



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard (Senza cavi, pad termico e altri accessori)

Standard order code composition
(Without cables, thermal pad and other accessories)

CL165 | **XXXXX** | **XV240KXEA**

1	2	1
1 Codice fisso / Fixed code	CL165_XV240KXEA	
2 CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements
EN 62031 / EN 62471 / IEC TR 62778

Input CV	24Vdc
Max power	24W
Max lumen	3214 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.6 mm
LED type	NICHIA® T02
LED q.ty	140
Beam angle	180°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	500 x 8 mm - h 2.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

CL099

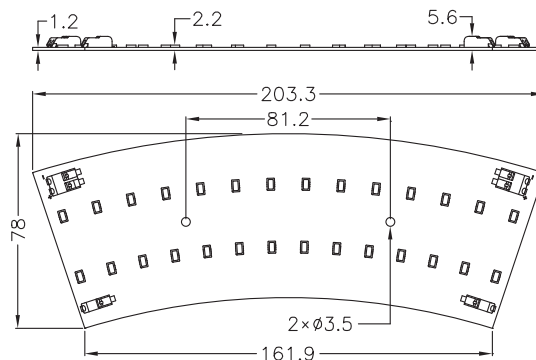
Scheda LED a corrente costante
Constant current LED board



Im max
1646



W max
10.6

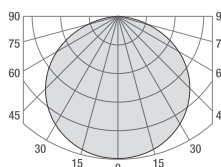


Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	11.8V
Max power	10.6W
Max lumen	1646 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED q.ty	28
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	203.3 x 78 mm - h 5.6 mm

Temperatura d'esercizio / Working temperature (T_{max})

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



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad



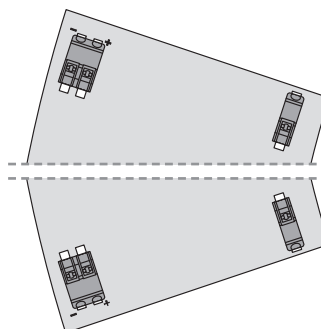
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cablaggio standard / Standard wiring



Inserire o rimuovere i cavi premendo leggermente sul pulsante
Il connettore singolo è un ponte in/out libero
Insert or remove the cables by pressing lightly on the button
A single connector is a free in/out bridge



Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.2...0.75mm² / AWG24-AWG18



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL099 | XXXXX | XJXAD
① | ② | ①

① Codice fisso / Fixed code

CL099 _ XJXAD

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL100

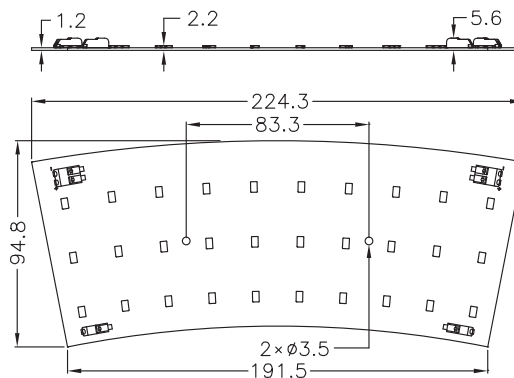
Scheda LED a corrente costante
Constant current LED board



Im max
1476



W max
9.4

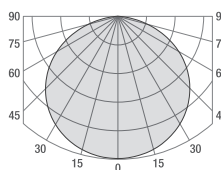


Input CC	350mA, 500mA, 700mA, 900mA, 1050mA
V _F Max	8.9V
Max power	9.4W
Max lumen	1476 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	FR4 1.2 mm
LED type	SEOUL® 5630
LED q.ty	30
Beam angle	120°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	224.3 x 94.8 mm - h 5.6 mm

Temperatura d'esercizio / Working temperature (T_{max})

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



Curva tipica di distribuzione della luce
Luminous intensity distribution

Accessori / Accessories

Pad termico
Thermal pad



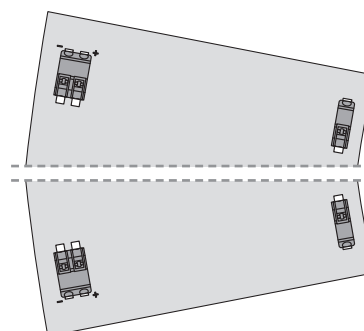
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Cablaggio standard / Standard wiring



Inserire o rimuovere i cavi premendo leggermente sul pulsante
Il connettore singolo è un ponte in/out libero
Insert or remove the cables by pressing lightly on the button
A single connector is a free in/out bridge



Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.2...0.75mm² / AWG24-AWG18



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL100 | XXXXX | XJXAD

1

2

1

1 Codice fisso / Fixed code

CL100_XJXAD

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

CL010RE

Scheda LED a corrente costante
Constant current LED board



Ø 10 mm | Dimensioni reali | Real size

Input CC	350mA, 500mA, 700mA
V _F Max	2.4V
Max power	1.7W
Max lumen	91 lm
CCT	Ⓡ 620.5~631 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT® PK2N Red
LED q.ty	1
Beam angle	130°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 10 mm x h 3.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad

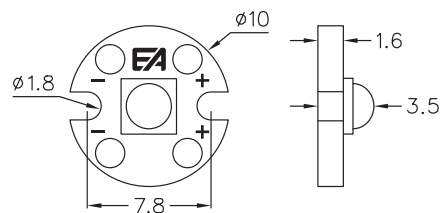


Cap. / Ch. 11

Cavo
Cable



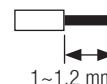
Cap. / Ch. 10



Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25~0.5mm² / AWG24~AWG20



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL010RE . S24B . XXXGH

① Codice fisso / Fixed code

CL010RE.S24B.XXXGH

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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CL062

Scheda LED a corrente costante
Constant current LED board



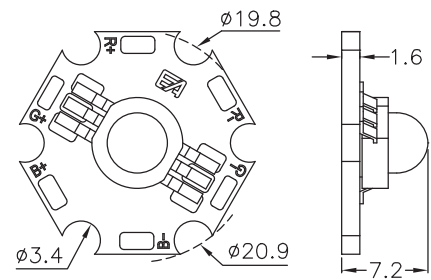
∅ 20.9 mm | Dimensioni reali | Real size

Input CC	200mA, 350mA
V _F Max	/
Max power	3.6W
Max lumen	155 lm
CCT	Ⓡ 620~630 nm, Ⓞ 520~530 nm, Ⓟ 460~465 nm
PCB	IMS 1.6 mm
LED type	PROLIGHT® RGB
LED q.ty	1
Beam angle	130°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	∅ 20.9 mm x h 7.2 mm

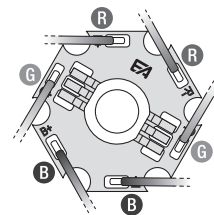
Temperatura d'esercizio / Working temperature (T_{max})

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

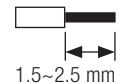
To be tested on final application measured at LED board t_c / t_p (if present) or at the nearest point to the LED



Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Lenti
Lenses



Cap. / Ch. 11

LED driver
Driver LED



Cap. / Ch. 08

Cavo
Cable



Cap. / Ch. 10

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL062F . XX

①

①

① Codice fisso / Fixed code

CL062F.XX

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



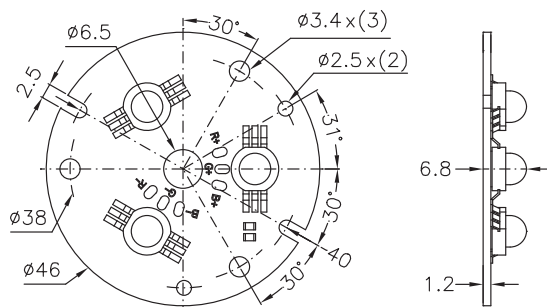
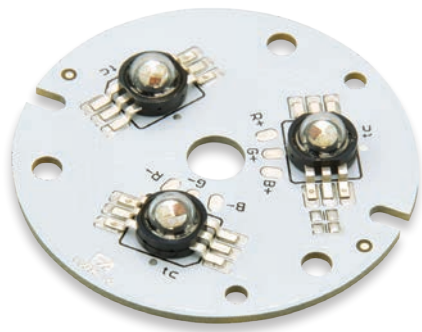
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CL036

Scheda LED a corrente costante
Constant current LED board



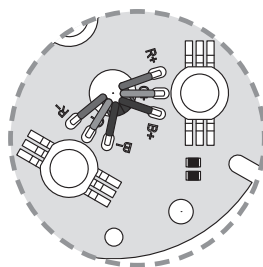
Input	200mA, 350mA
V _F Max	/
Max power	10.5W
Max lumen	465 lm
CCT	Ⓡ 620~630 nm, Ⓞ 520~530 nm, Ⓟ 460~465 nm
PCB	FR4 1.2 mm
LED type	PROLIGHT® RGB
LED q.ty	3
Beam angle	130°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 6.8 mm

Temperatura d'esercizio / Working temperature (T_{max})

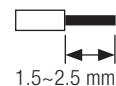
Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda (se presente) o nel punto più vicino al LED

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

Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL036F . XX

① Codice fisso / Fixed code

CL036F.XX

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Lenti
Lenses



Cap. / Ch. 11

LED driver
Driver LED



Cap. / Ch. 08

Cavo
Cable



Cap. / Ch. 10



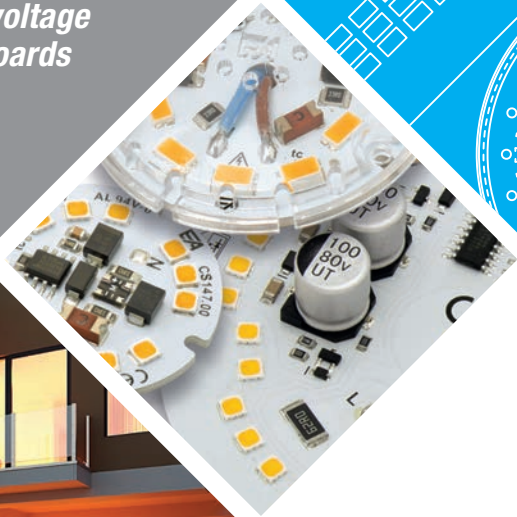
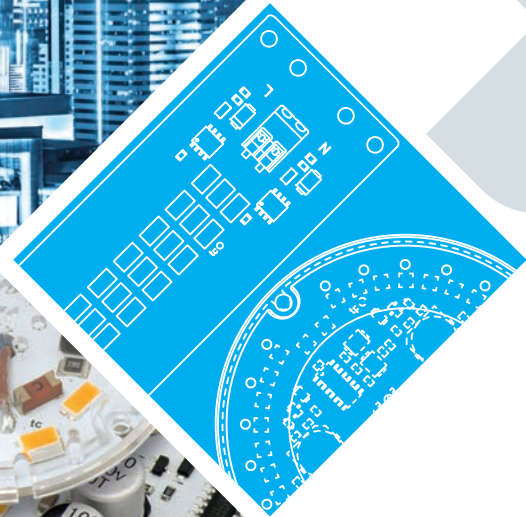
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02

Schede LED
a tensione di rete
*Mains voltage
LED boards*



Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

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



Modulo LED da incorporare / Built-in lighting module



Solo per applicazioni esterne / Only for outdoor applications



Dimmerabile / Dimmable



Ordine minimo / Minimum order



Tolleranze | Tolerances

Valori elettrici / Electrical values (@25°): ±10%

Dimensionali / Dimensional: ±0.15mm

Spessore PCB / PCB thickness: ±10%

Ø fori / hole Ø: ±0.1mm

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.

Indice capitolo | Chapter contents

Schede LED / LED boards



220~240Vac

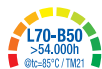
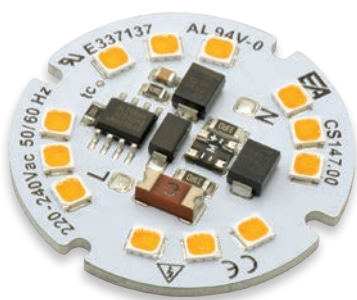
135 › 154

110~120Vac

155 › 158

CL147

Scheda LED a tensione di rete
Mains voltage LED board

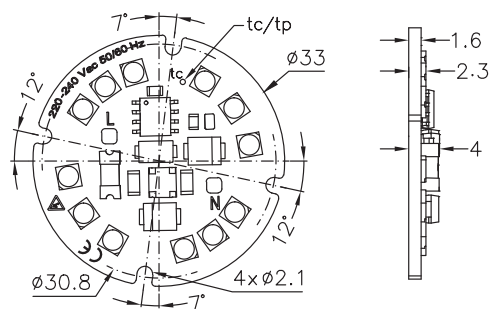


Im max
495

220

W max
4.5

120°



Input	220~240Vac
Max power	4.5W
Max lumen	495 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.51
Flicker	P _{stLM} 0.1
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 33 mm x h 4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



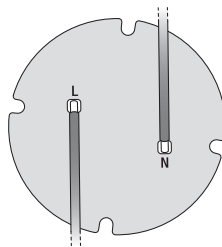
Cap. / Ch. 10

Cover

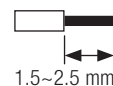


Cap. / Ch. 11

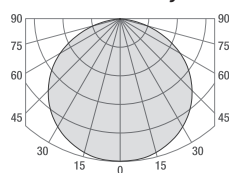
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL147 | XXXXX | M045XXXAG

1 Codice fisso / Fixed code CL147 _ M045XXXAG

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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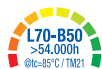


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL147 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

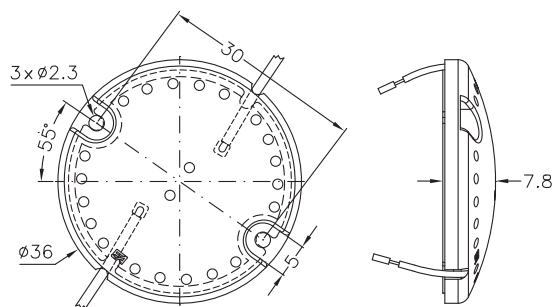


Im max
456

W max
4.5

220

120°



Input	220~240Vac
Max power	4.5W
Max lumen	456 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.51
Flicker	P _{stLM} 0.1
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



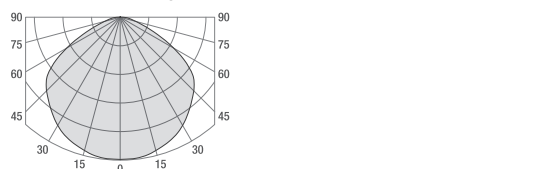
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL147 | XXXXX | M045AXYAG

① Codice fisso / Fixed code CL147 _ M045AXYAG

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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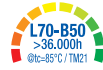
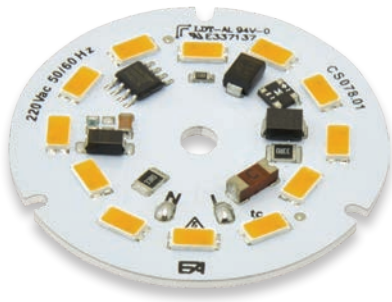


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL078

Scheda LED a tensione di rete
Mains voltage LED board

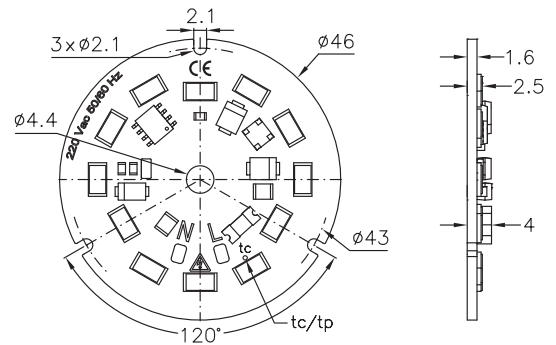


Im max
550

220

W max
5

120°



Input	220~240Vac
Max power	5W
Max lumen	550 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.68
Flicker	P _{stLM} 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



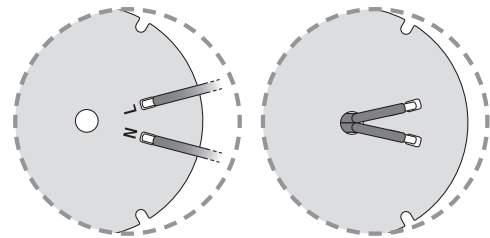
Cap. / Ch. 10

Cover

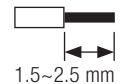


Cap. / Ch. 11

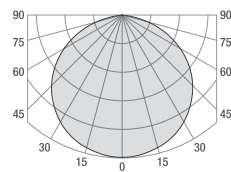
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL078 | XXXXX | M050XXXAE

① Codice fisso / Fixed code

CL078 _ M050XXXAE

② CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

5000K

50803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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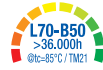


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL078 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

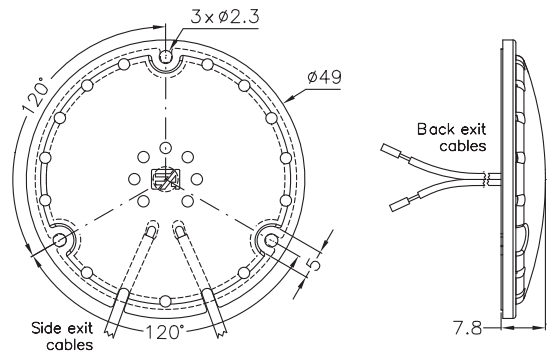


Im max
505

220

W max
5

120°



Input	220~240Vac
Max power	5W
Max lumen	505 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.68
Flicker	P _{st} LM 0.08
Displacement factor	0.99
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 49 mm x h 7.8 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



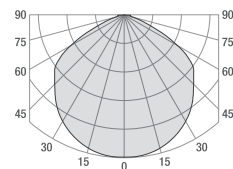
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL078 | **XXXXX** | **M050** | **XX** | **YAE**

① | ② | ① | ③ | ①

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

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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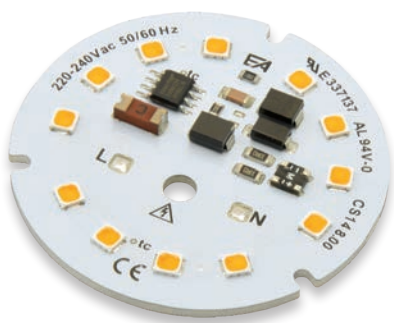


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL148

Scheda LED a tensione di rete
Mains voltage LED board

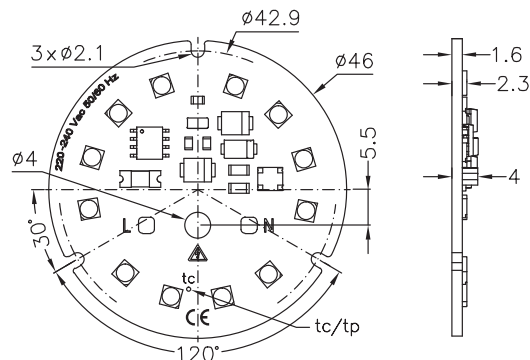


Im max
880

220

W max
8

120°



Input	220~240Vac
Max power	8W
Max lumen	880 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.8
Flicker	P _{stLM} 0.1
Displacement factor	1.00
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 46 mm x h 4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



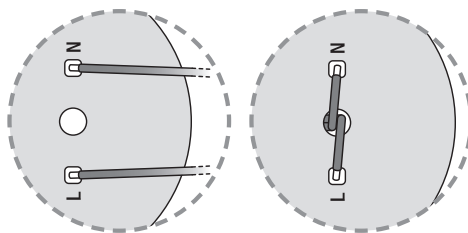
Cap. / Ch. 10

Cover

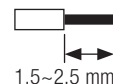


Cap. / Ch. 11

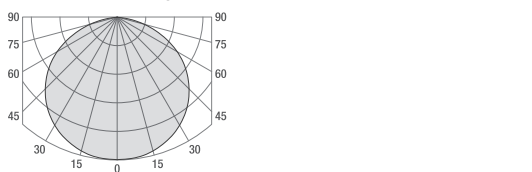
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL148 | XXXXX | M080XXXAG

1 Codice fisso / Fixed code CL148_M080XXXAG

2 CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803
5000K	50803

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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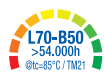


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL148 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

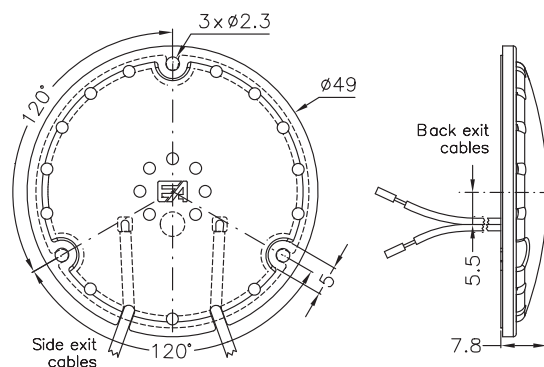


Im max
808

220

W max
8

120°



Input	220~240Vac
Max power	8W
Max lumen	808 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.8
Flicker	P _{stLM} 0.1
Displacement factor	1.00
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 49 mm x h 7.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



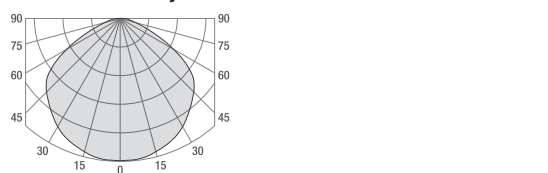
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL148 | XXXXX | M080 | XX | YAG

1 Codice fisso / Fixed code CL148 _ M080 _ YAG

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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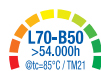
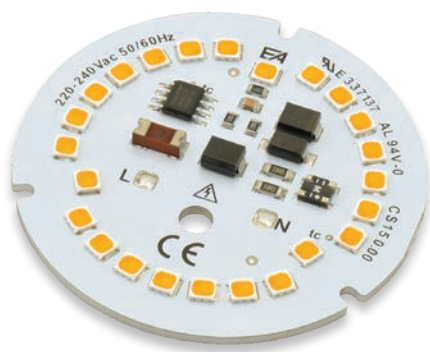


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL150

Scheda LED a tensione di rete
Mains voltage LED board

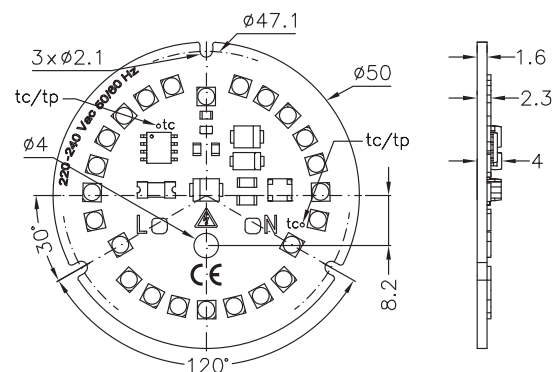


Im max
1320

220

W max
12

120°



Input	220~240Vac
Max power	12W
Max lumen	1320 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	24
Beam angle	120°
Stroboscopic effect	SVM 3.99
Flicker	P _{stLM} 0.1
Displacement factor	0.99
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 50 mm x h 4 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



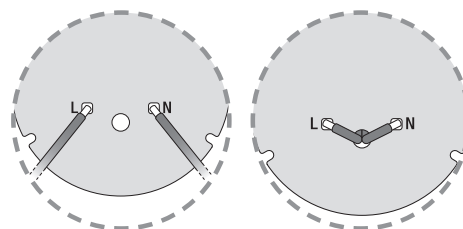
Cap. / Ch. 10

Cover

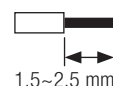


Cap. / Ch. 11

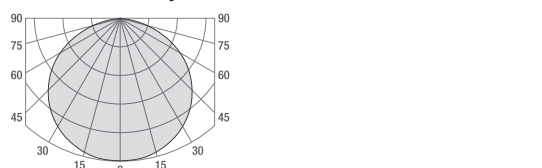
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL150 | **XXXXX** | **M120XXXAG**

1

2

1

1 Codice fisso / Fixed code CL150 _ M120XXXAG

2 CCT CRI>80 CRI>90

2700K 27803 27903

3000K 30803 30903

4000K 40803 /

5000K 50803 /

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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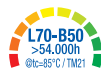
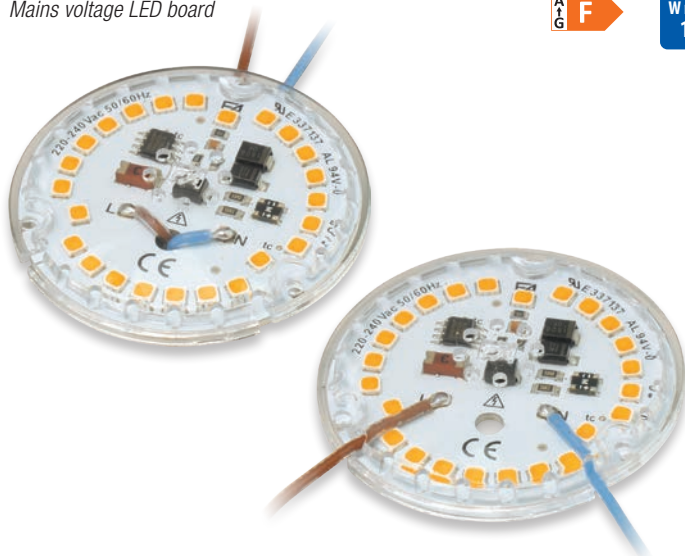


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL150 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

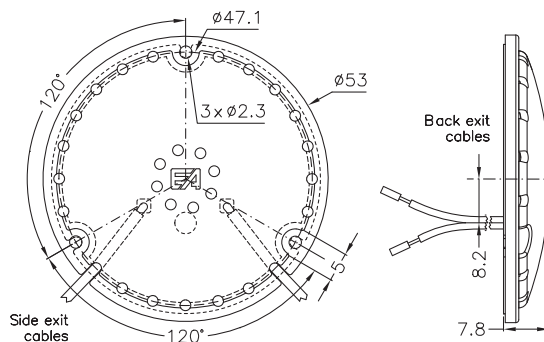


Im max
1212

220

W max
12

120°



Input	220~240Vac
Max power	12W
Max lumen	1212 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	24
Beam angle	120°
Stroboscopic effect	SVM 3.99
Flicker	P _{st} LM 0.1
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 53 mm x h 7.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



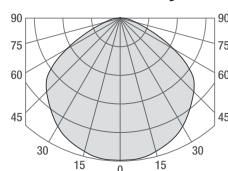
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL150 | XXXXX | M120 | XX | YAG

1 Codice fisso / Fixed code CL150_M120XXXAG

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

3 Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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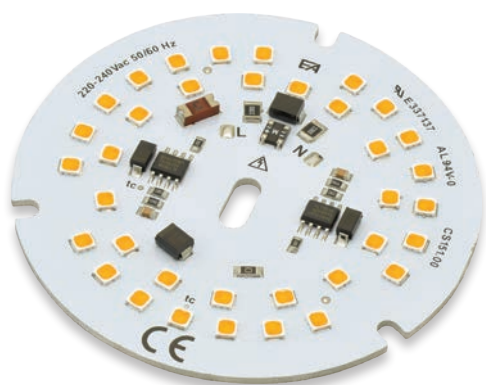


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL151

Scheda LED a tensione di rete
Mains voltage LED board

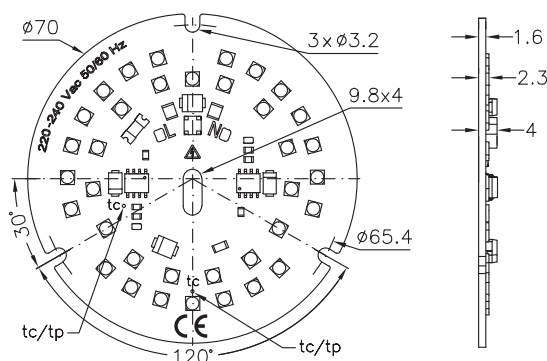


Im max
1870

220

W max
17

120°



Input	220~240Vac
Max power	17W
Max lumen	1870 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.78
Flicker	P _{st} LM 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 70 mm x h 4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



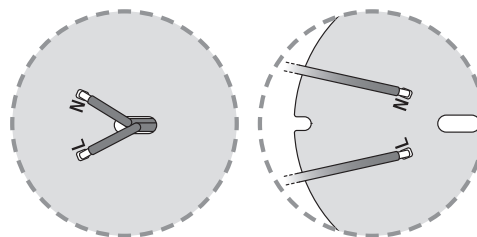
Cap. / Ch. 10

Cover

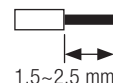


Cap. / Ch. 11

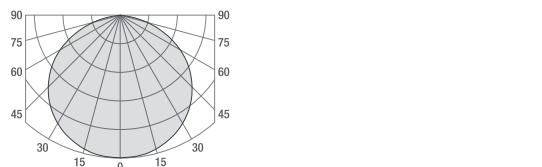
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL151 | XXXXX | M170XXXAG

① Codice fisso / Fixed code CL151 _ M170XXXAG

② CCT CRI>80 CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL151 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

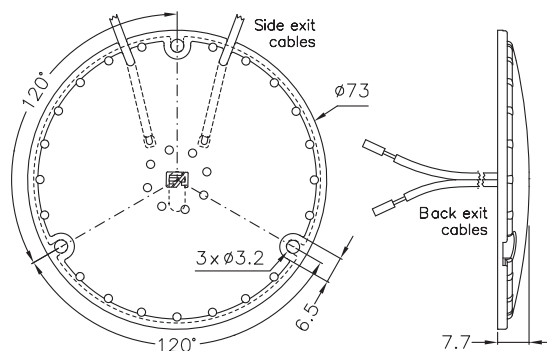


Im max
1717

220

W max
17

120°



Input	220~240Vac
Max power	17W
Max lumen	1717 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.78
Flicker	P _{stLM} 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 73 mm x h 7.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



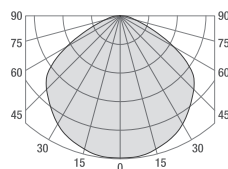
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL151 | XXXXX | M170 | XX | YAG |

1 Codice fisso / Fixed code CL151 _ M170 _ YAG

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

3 Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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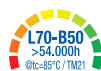
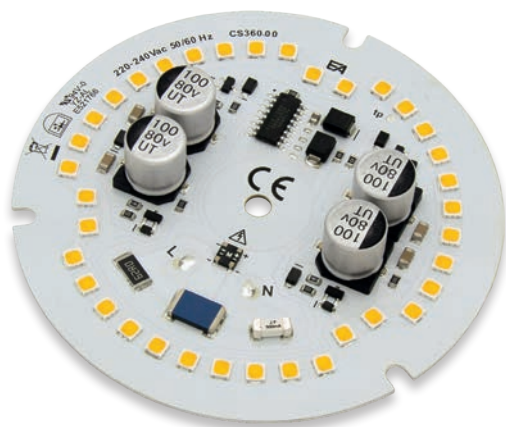


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL360

Scheda LED a tensione di rete
Mains voltage LED board

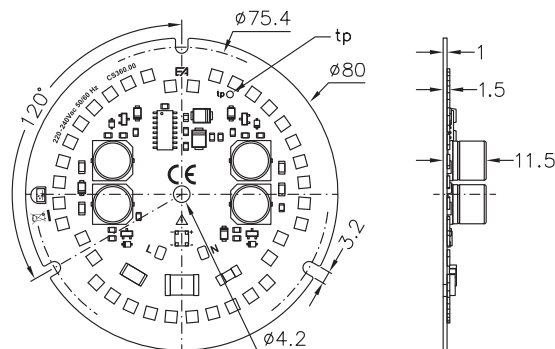


Im max
1840

220

W max
16

120°



Input	220~240Vac
Max power	16W
Max lumen	1840 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 0.12
Flicker	P _{stLM} 0.52
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 80 mm x h 11.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

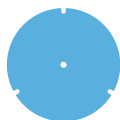
N.B.: per mantenere i parametri sopra indicati, in conformità alla normativa "EPREL", la cover deve rimanere removibile.

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

N.B.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



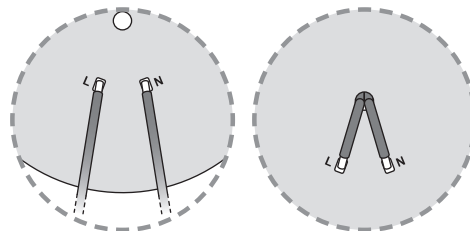
Cap. / Ch. 10

Cover

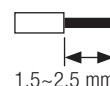


Cap. / Ch. 11

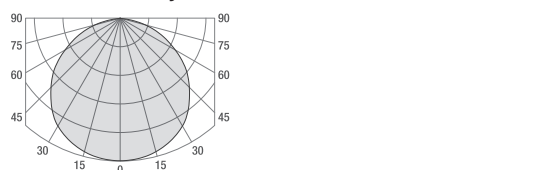
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL360 | **XXXXX** | **M160XXXAG**

1

2

1

1 Codice fisso / Fixed code

CL360 _ M160XXXAG

2 CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-3-2 + A1
EN 61000-3-3 + EC + A1 / EN 61000-4-2 / EN 61000-4-3 + EC + A1
EN 61000-4-4 / EN 61000-4-5 + A1 / EN 61000-4-6 / EN 61000-4-11
EN60598 SEZ/SEC (10) / EN 62471
IEC TR 62778

CL360 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

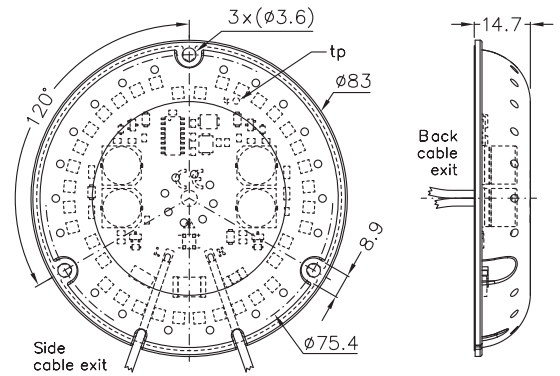


Im max
1680

220

W max
16

120°



Input	220~240Vac
Max power	16W
Max lumen	1680 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 0.12
Flicker	P _{stLM} 0.52
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 83 mm x h 14.7 mm

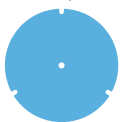
Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



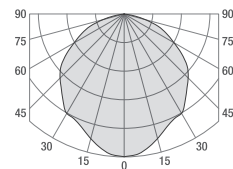
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL360 | XXXXX | M160 | XX | YAG
① | ② | ① | ③ | ①

① Codice fisso / Fixed code	CL360 _ M160 _ YAG	
② CCT	CRI>80	
2700K	27803	
3000K	30803	
4000K	40803	
③ Cavi / Cables		
Cavi laterali / Side cables	AX	
Cavi posteriori / Back cables	BX	

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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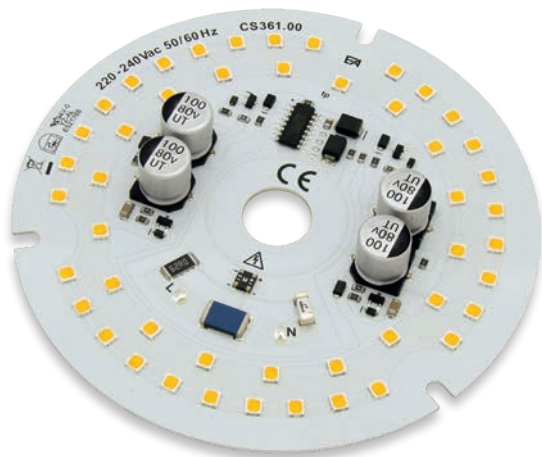


Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-3-2 + A1
EN 61000-3-3 + EC + A1 / EN 61000-4-2 / EN 61000-4-3 + EC + A1
EN 61000-4-4 / EN 61000-4-5 + A1 / EN 61000-4-6 / EN 61000-4-11
EN60598 SEZ/SEC (10) / EN 62471
IEC TR 62778

CL361

Scheda LED a tensione di rete
Mains voltage LED board

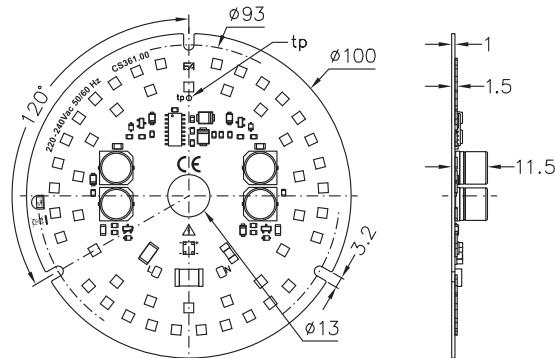


Im max
2023

220

W max
17

120°



Input	220~240Vac
Max power	17W
Max lumen	2023 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 0.12
Flicker	P _{st} LM 0.52
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 11.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



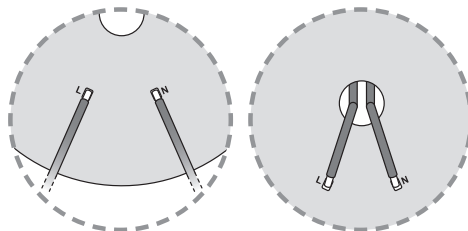
Cap. / Ch. 10

Cover

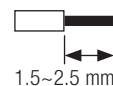


Cap. / Ch. 11

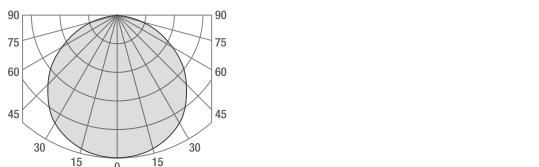
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL361 | **XXXXX** | **M170XXXAG**

① Codice fisso / Fixed code

CL361 _ M170XXXAG

② CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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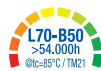
Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-3-2 + A1
EN 61000-3-3 + EC + A1 / EN 61000-4-2 / EN 61000-4-3 + EC + A1
EN 61000-4-4 / EN 61000-4-5 + A1 / EN 61000-4-6 / EN 61000-4-11
EN60598 SEZ/SEC (10) / EN 62471
IEC TR 62778

CL361 + Cover trasparente

Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

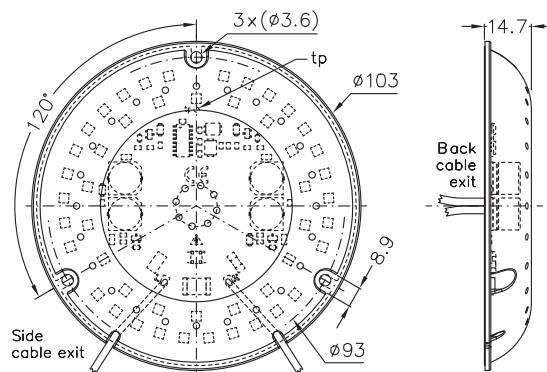


Im max
1887

220

W max
17

120°



Input	220~240Vac
Max power	17W
Max lumen	1887 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 0.12
Flicker	P _{stLM} 0.52
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 103 mm x h 14.7 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



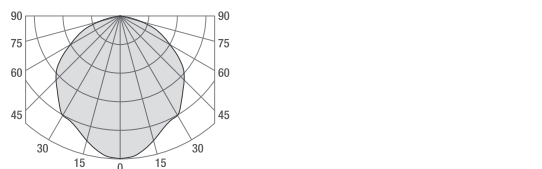
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL361 | **XXXXX** | **M170** | **XX** | **YAG**

① | ② | ① | ③ | ①

① Codice fisso / Fixed code CL361 _ 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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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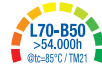
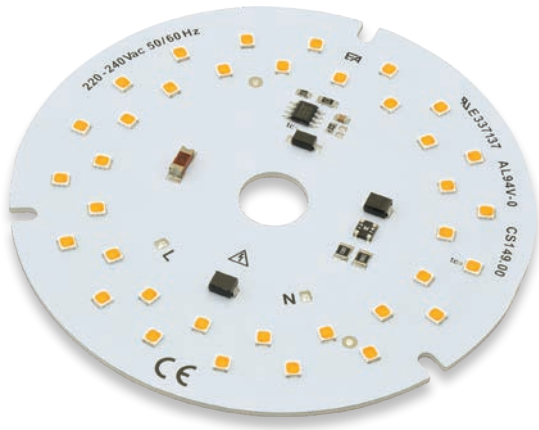


Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-3-2 + A1
EN 61000-3-3 + EC + A1 / EN 61000-4-2 / EN 61000-4-3 + EC + A1
EN 61000-4-4 / EN 61000-4-5 + A1 / EN 61000-4-6 / EN 61000-4-11
EN60598 SEZ/SEC (10) / EN 62471
IEC TR 62778

CL149

Scheda LED a tensione di rete
Mains voltage LED board

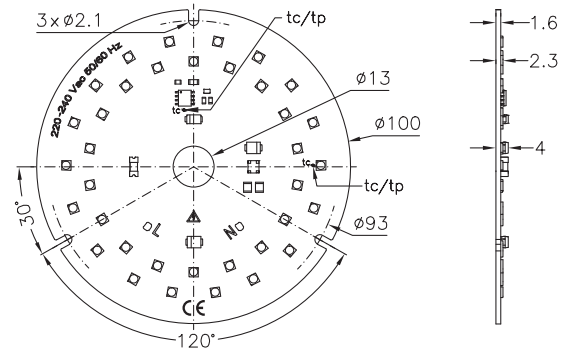


Im max
1100

220

W max
10

120°



Input	220~240Vac
Max power	10W
Max lumen	1110 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.7
Flicker	P _{stLM} 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



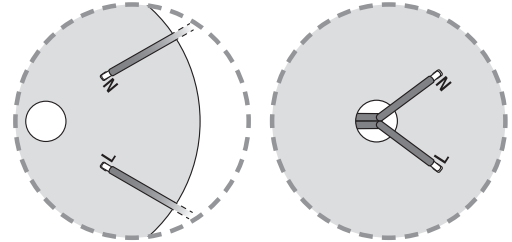
Cap. / Ch. 10

Cover

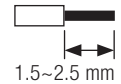


Cap. / Ch. 11

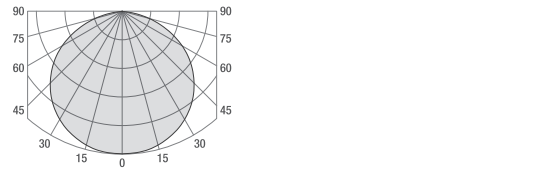
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL149 | XXXXX | M100XXXAG

1 Codice fisso / Fixed code

CL149 _ M100XXXAG

2 CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

5000K

50803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL149 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

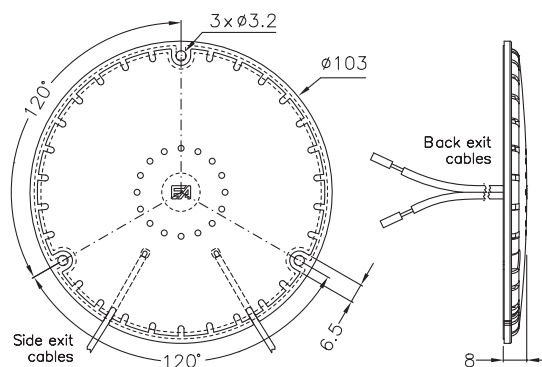


Im max
1010

220

W max
10

120°



Input	220~240Vac
Max power	10W
Max lumen	1010 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.7
Flicker	P _{stLM} 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 103 mm x h 8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



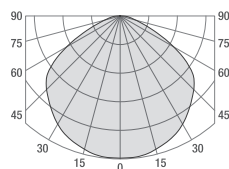
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL149 | XXXXX | M100 | XX | YAG |

1 Codice fisso / Fixed code CL149 _ M100 _ YAG

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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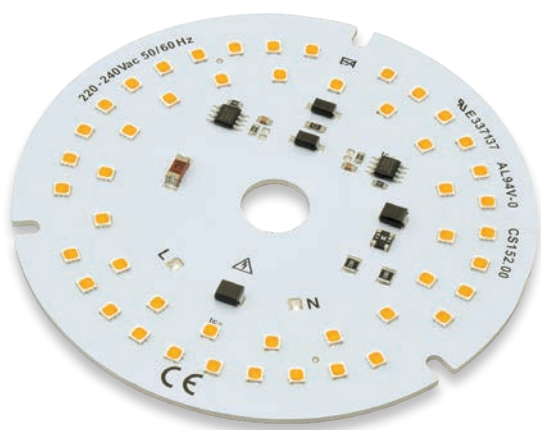


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL152

Scheda LED a tensione di rete
Mains voltage LED board

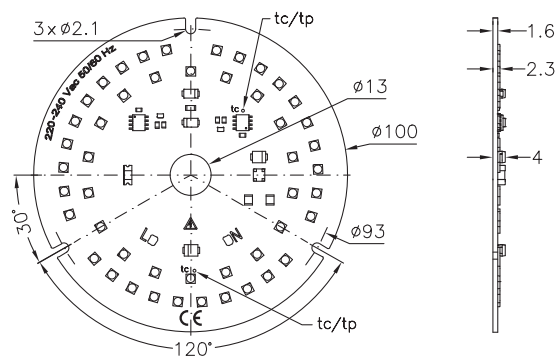


Im max
1870

220

W max
17

120°



Input	220~240Vac
Max power	17W
Max lumen	1870 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 \geq 0 / CRI 90 \geq 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 3.72
Flicker	P _{stLM} 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	\varnothing 100 mm x h 4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



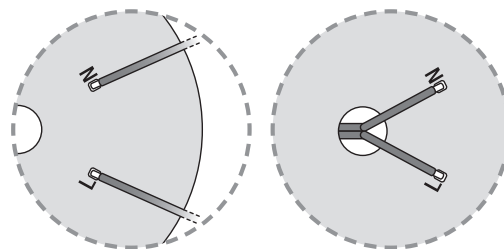
Cap. / Ch. 10

Cover

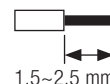


Cap. / Ch. 11

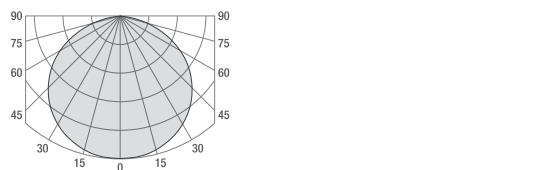
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL152 | XXXXX | M170XXXAG

1 Codice fisso / Fixed code CL152_M170XXXAG

2 CCT CRI>80 CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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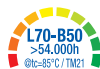


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL152 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

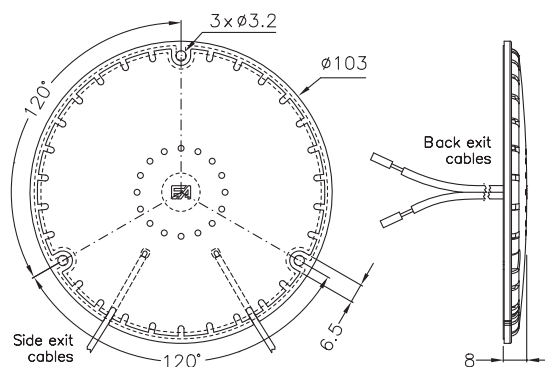


lm max
1717

220

W max
17

120°



Input	220~240Vac
Max power	17W
Max lumen	1717 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 3.72
Flicker	P _{st} LM 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 103 mm x h 8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



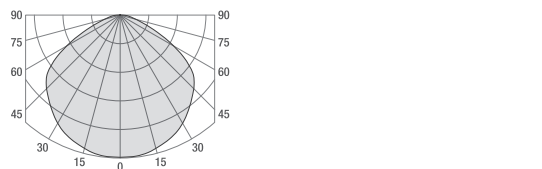
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL152 | **XXXXX** | **M170** | **XX** | **YAG**

① | ② | ① | ③ | ①

① Codice fisso / Fixed code CL152 _ M170 _ YAG

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

③ Cavi / Cables

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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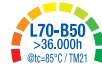
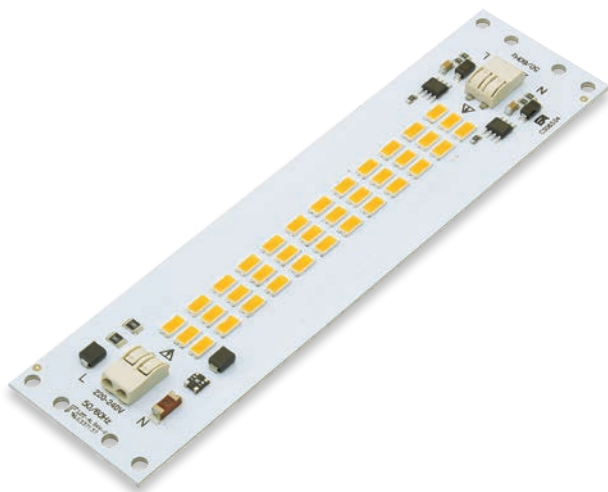


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL083

Scheda LED a tensione di rete
Mains voltage LED board

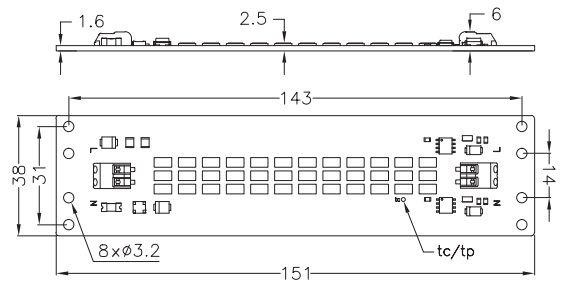


Im max
1485

220

W max
13.5

120°



Input	220~240Vac
Max power	13.5W
Max lumen	1485 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.63
Flicker	P _{stLM} 0.09
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	151 x 38 mm - h 6 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Pad termico
Thermal pad



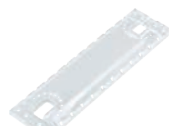
Cap. / Ch. 11

Cavo
Cable



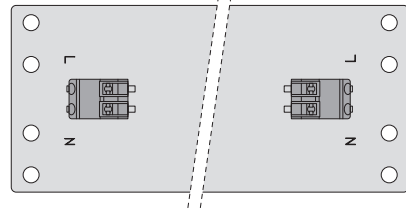
Cap. / Ch. 10

Cover



Cap. / Ch. 11

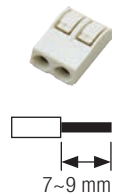
Cablaggio standard / Standard wiring



Inserire o rimuovere i cavi premendo leggermente sul pulsante

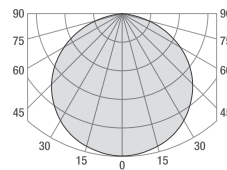
Insert or remove the cables by pressing lightly on the button

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



7~9 mm

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con connettori, senza cavi, pad termico e altri accessori)

Standard order code composition

(With connectors, without cables, thermal pad and other accessories)

CL083 | **XXXXX** | **M135GXXAE**

① Codice fisso / Fixed code CL083 _ M135GXXAE

② CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803
5000K	50803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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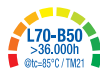
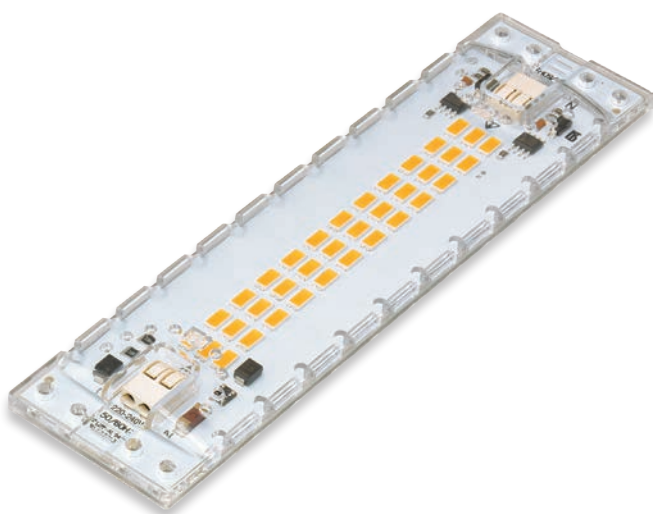


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL083 + Cover trasparente Transparent cover

Scheda LED a tensione di rete
Mains voltage LED board

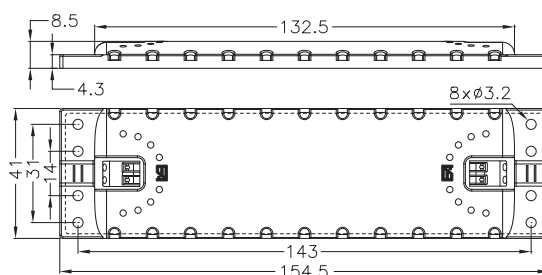


Im max
1364

220

W max
13.5

120°



Input	220~240Vac
Max power	13.5W
Max lumen	1364 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.63
Flicker	P _{stLM} 0.09
Displacement factor	0.99
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	154.5 x 41 mm - h 8.5 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Pad termico
Thermal pad



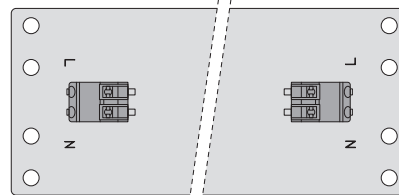
Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

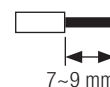
Cablaggio standard / Standard wiring



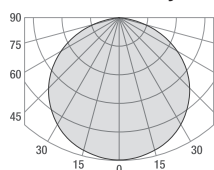
Inserire o rimuovere i cavi premendo leggermente sul pulsante

Insert or remove the cables by pressing lightly on the button

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, connettori, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, connectors, without thermal pad and other accessories)

CL083 | XXXXX | M135GXAYE

① Codice fisso / Fixed code CL083 _ M135GXAYE

② CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803
5000K	50803

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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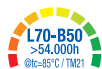
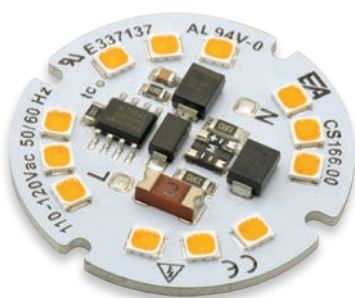


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL166

Scheda LED a tensione di rete
Mains voltage LED board

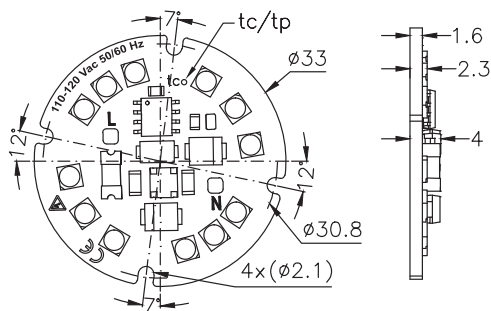


Im max
495

110

W max
4.5

120°



Input	110~120Vac
Max power	4.5W
Max lumen	495 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.99
Flicker	P _{stLM} 0.1
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 33 mm x h 4 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



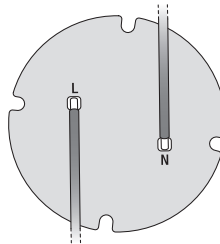
Cap. / Ch. 10

Cover

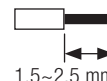


Cap. / Ch. 11

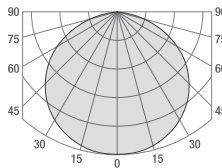
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL166 | **XXXXX** | **M045XXXAG**

① | ② | ①

① Codice fisso / Fixed code CL166 _ M045XXXAG

② CCT CRI>80 CRI>90

2700K 27803 27903

3000K 30803 30903

4000K 40803 /

5000K 50803 /

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL166 + Cover

Scheda LED a tensione di rete
Mains voltage LED board

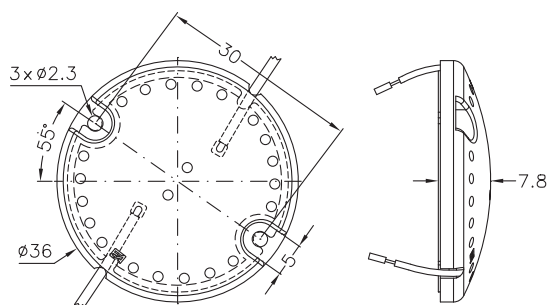


Im max
456

110

W max
4.5

120°



Input	110~120Vac
Max power	4.5W
Max lumen	456 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	12
Beam angle	120°
Stroboscopic effect	SVM 3.99
Flicker	P _{stLM} 0.1
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 36 mm x h 7.8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



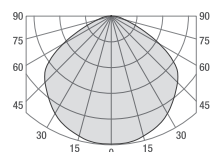
Cap. / Ch. 10

Cover

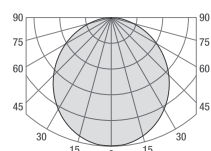


Cap. / Ch. 11

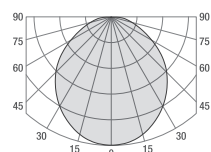
Curva tipica di distribuzione della luce Luminous intensity distribution



Con cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover

Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL166 | **XXXXX** | **M045** | **XXX** | **AG**

① | ② | ① | ③ | ①

① **Codice fisso / Fixed code** CL166 _ M045 _ AG

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

③ Cover di protezione / Protection cover

Trasparente / Transparent	XXY
Satinata / Frosted	XXZ
Opale / Opal	XXW

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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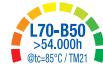
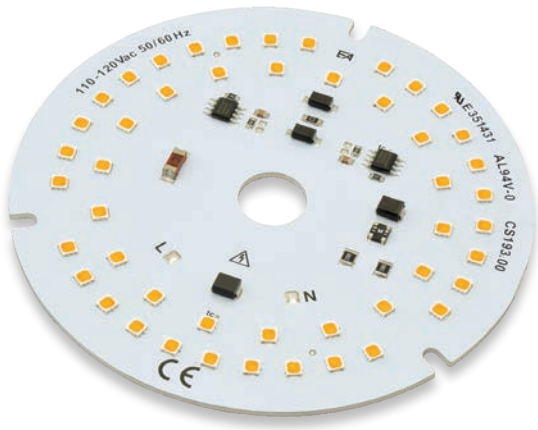


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL193

Scheda LED a tensione di rete
Mains voltage LED board

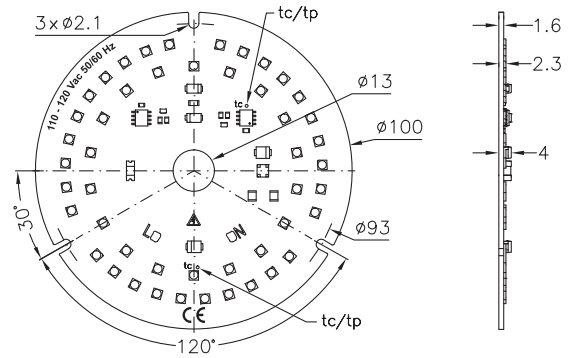


Im max
1870

110

W max
17

120°



Input	110~120Vac
Max power	17W
Max lumen	1870 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 4.62
Flicker	P _{stLM} 0.12
Displacement factor	0.97
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 100 mm x h 4 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla scheda
To be tested on final application measured at LED board t_c / t_p

Attenzione / Warning

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

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



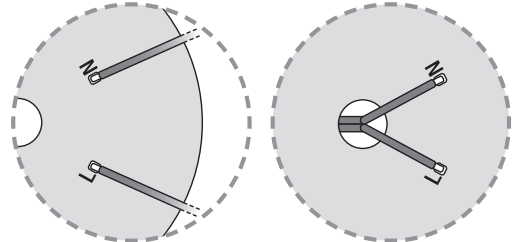
Cap. / Ch. 10

Cover

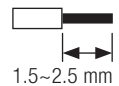


Cap. / Ch. 11

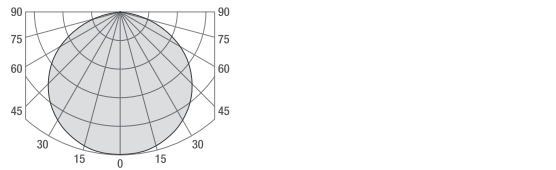
Cablaggio standard / Standard wiring



Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CL193 | **XXXXX** | **M170XXXAG**

① | ② | ①

① Codice fisso / Fixed code	CL193 _ M170XXXAG	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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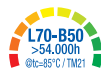


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

CL193 + Cover

Scheda LED a tensione di rete
Mains voltage LED board

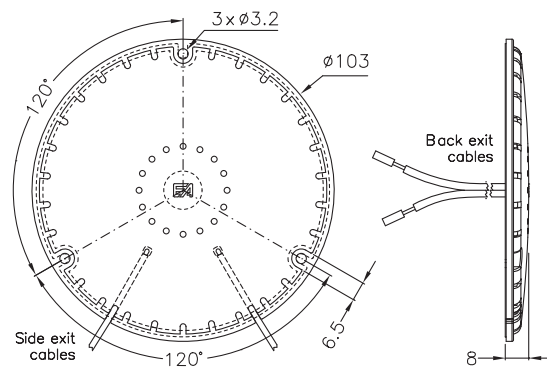


Im max
1717

110

W max
17

120°



Input	110~120Vac
Max power	17W
Max lumen	1717 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 4.62
Flicker	P _{stLM} 0.12
Displacement factor	0.97
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 103 mm x h 8 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



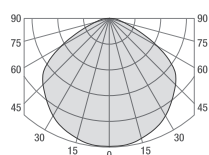
Cap. / Ch. 10

Cover

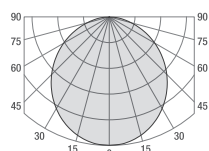


Cap. / Ch. 11

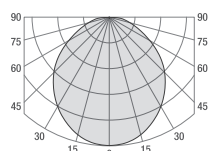
Curva tipica di distribuzione della luce Luminous intensity distribution



Con cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover

Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati, senza pad termico e altri accessori)

Standard order code composition

(With glued protection cover, welded cables, without thermal pad and other accessories)

CL193 | **XXXXX** | **M170** | **XXX** | **AG**

① Codice fisso / Fixed code CL193 _ M170 _ AG

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

③ Cover di protezione Protection cover	Cavi laterali Side cables	Cavi posteriori Back cables
Trasparente / Transparent	AXY	AAY
Satinata / Frosted	AXZ	AAZ
Opale / Opal	AXW	AAW

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

03

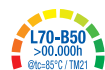
Moduli LED
in bassa tensione
*Low voltage
LED modules*



Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

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



Modulo LED da incorporare / Built-in lighting module



Dimmerabile / Dimmable



Ordine minimo / Minimum order



Indice capitolo | Chapter contents

Moduli LED / LED modules

Corrente costante / Constant current

161 › 168

Corrente costante - RGB / Constant current - RGB

169 › 170

Tensione costante / Constant voltage

171 › 174



Alimentatore/Driver | Power supply unit/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.

Tolleranze | Tolerances

Valori elettrici / Electrical values (@25°): ±10%

Dimensionali / Dimensional: ±0.15mm

Spessore PCB / PCB thickness: ±10%

Ø fori / hole Ø: ±0.1mm

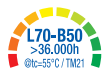
Note | Notes

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

Modulo LED a corrente costante
Constant current LED module



Im max
185

W max
1.7



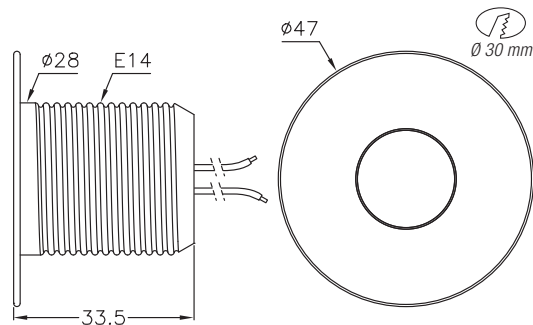
15°

20°

25°

30°

40°



Input	350mA, 500mA
V _F Max	3.3V
Max power	1.7W
Max lumen	185 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2750K, 2950K, 3150K, 3950K, 5300K
Step MacAdam (SDCM)	5
LED type	PROLIGHT®
LED q.ty	1
Beam angle	15°, 20°, 25°, 30°, 40°
Tmax	+60°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 47 mm x h 33.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

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 sopra 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 above parameters, in compliance with the "EPREL" standard, the lens must remain removable.

Accessori / Accessories

Lenti
Lenses



Cap. / Ch. 10

Ghiera E14 con molla
E14 ring with spring



Cod. GHIO37.00

Cavo
Cable



Cap. / Ch. 10

Ghiera E14 multifiletto
E14 moulded ring



Cod. 1101.001.00.300

Ghiera
Ring



Cod. GHIO36.00

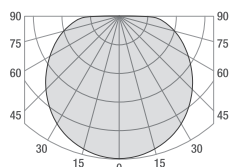
O-ring di protezione
O-ring protectuon



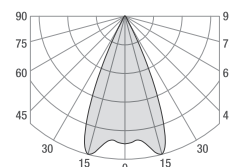
Cod. GOM010.00

Curva tipica di distribuzione della luce Luminous intensity distribution

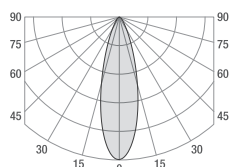
Senza lente / Without lens



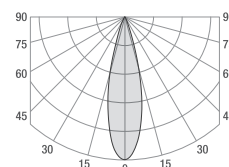
Lente / lens 40°



Lente / lens 30°



Lente / lens 25°



Composizione codice ordine standard

(Con ghiera Ø 47 mm, lente 30° e cavo da definire)

Standard order code composition

(With Ø 47 mm ring, 30° lens and cable to be defined)

SP0165 | XXXXX | . XBSDG | X

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
Defined by EA srl when ordering, based on the availability of the LED manufacturer

D

A

E

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

TR35X

Modulo LED a corrente costante
Constant current LED module



Im max
504



W max
2.9



Input	350mA
V _F Max	8.4V
Max power	2.9W
Max lumen	504 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	20°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 35 mm x h 38.2 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

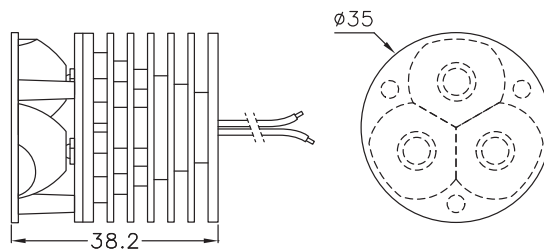
To be tested on final application, measured on aluminium body or at LED board t_c / t_p (if present) or at the nearest point to the LED

Accessori / Accessories

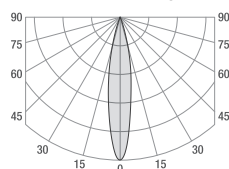
Cavo
Cable



Cap. / Ch. 10



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cavi, lente 20°, senza altri accessori)

Standard order code composition

(With cables, 20° lens, without other accessories)

TR35X | XXXXX | XBWFAB

1

2

1

1 Codice fisso / Fixed code

TR35X_XBWFAB

2 CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

TR50X_XIBZ

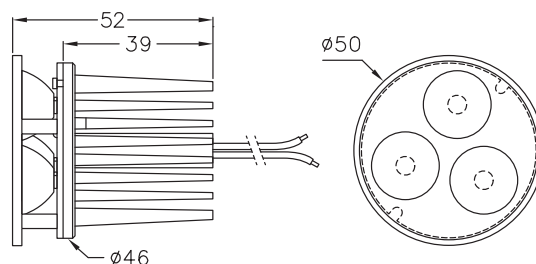
Modulo LED a corrente costante
Constant current LED module



Im max
902



W max
6.1



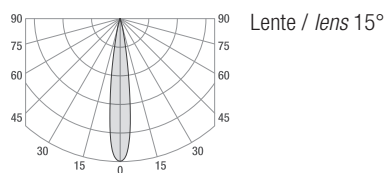
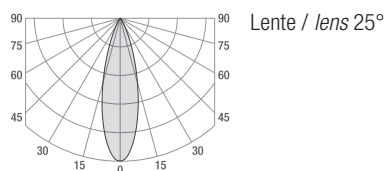
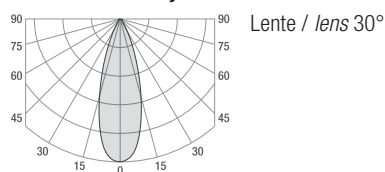
Input	350mA, 500mA, 700mA
V _F Max	8.8V
Max power	6.1W
Max lumen	902 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	15°, 25°, 30°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 52 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

TR50X | XXXXX | . XIBZ | X | AB
① | ② | | ① | ③ | ①

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	

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

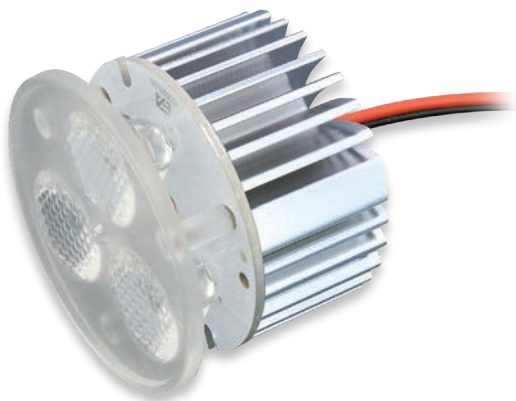
Lente
Lens



Cap. / Ch. 11

TR50X_XIBW

Modulo LED a corrente costante
Constant current LED module



lm max
663



W max
4.3

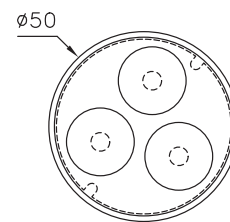
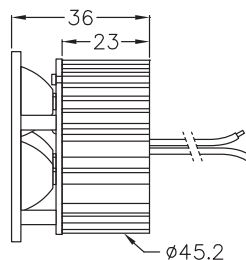


Input	350mA, 500mA
V _F Max	8.6V
Max power	4.3W
Max lumen	663 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	15°, 25°, 30°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 36 mm

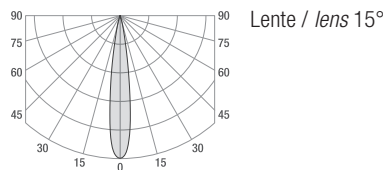
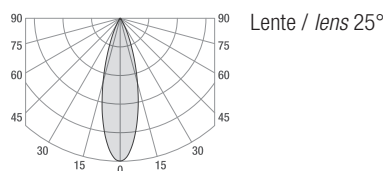
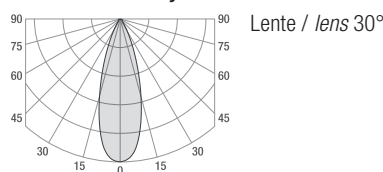
Temperatura d'esercizio / Working temperature (Tmax)

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



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

TR50X | XXXXX | XIBW | X | AB
① | ② | ① | ③ | ①

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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Lente
Lens



Cap. / Ch. 11

QR50X_XBZ

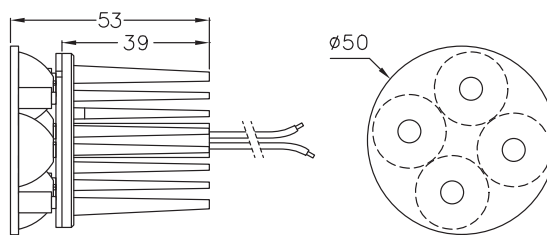
Modulo LED a corrente costante
Constant current LED module



Im max
903



W max
5.7



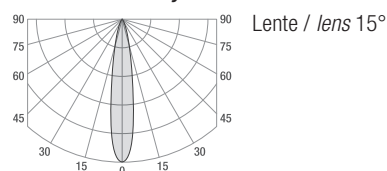
Input	350mA, 500mA
V _F Max	11.3V
Max power	5.7W
Max lumen	903 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	4
Beam angle	15°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 53 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

QR50X | XXXXX | XBZGAB

① | ② | ①

① Codice fisso / Fixed code	QR50X_XBZGAB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Accessori / Accessories

Cavo
Cable



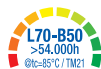
Cap. / Ch. 10

Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

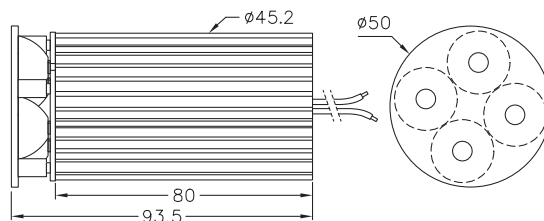
QR50X_XBW

Modulo LED a corrente costante
Constant current LED module



Im max
1216

W max
8.1



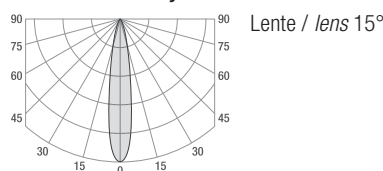
Input	350mA, 500mA
V _f Max	11.5V
Max power	8.1W
Max lumen	1216 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	4
Beam angle	15°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 93.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

QR50X | XXXXX | . XBWGAB

①

②

①

① Codice fisso / Fixed code

QR50X_XBWGAB

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

40903

5700K

57803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

AR1_XI

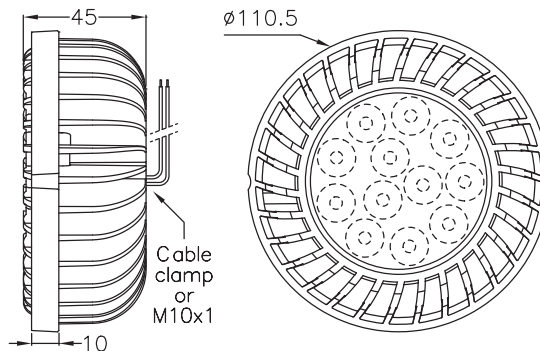
Modulo LED a corrente costante
Constant current LED module



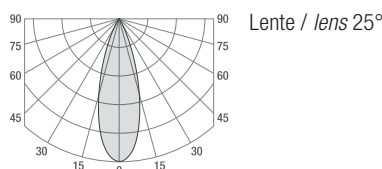
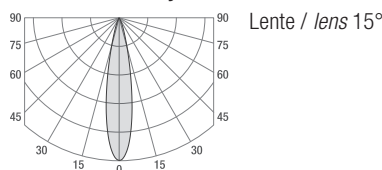
Im max
3539



W max
23.8



Curva tipica di distribuzione della luce Luminous intensity distribution



Uscita cavi posteriore centrale
Central back cable exit

Input	350mA, 500mA, 700mA
V _F Max	34V
Max power	23.8W
Max lumen	3539 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	12
Beam angle	15°, 25°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 110.5 mm x h 45 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Composizione codice ordine standard

(Con dissipatore alluminio, lente, cavi e mini bloccacavo)

Standard order code composition

(With heatsink aluminium, lens, cables and mini cable clamp)

AR1 | XXXXX | XIBV | X | AB
① | ② | ① | ③ | ①

① Codice fisso / Fixed code	AR1_XIBV_AB	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5700K	57803	/
③ Lente / Lens		
15°	S	
25°	T	

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Dissipatore nero
Black heatsink



Cap. / Ch. 11

Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

MT355_XI

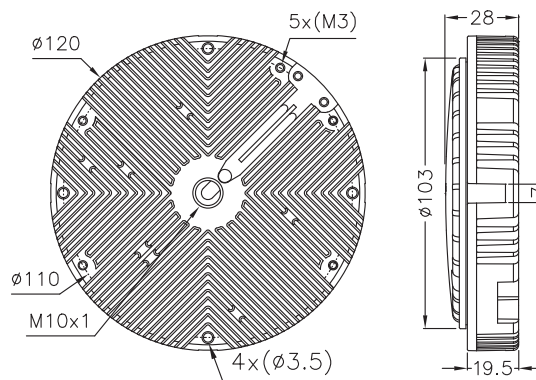
Modulo LED a corrente costante
Constant current LED module



Im max
3210



W max
21.5



Input CC	350mA, 500mA, 700mA, 900mA
V _F Max	23.9V
Max power	21.5W
Max lumen	3210 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 120 mm x h 28 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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).

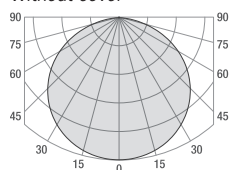
N.B.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

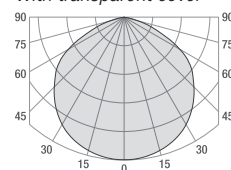
<p>Cavo Cable</p> <p>Cap. / Ch. 10</p>	<p>Blocca cavo Cable clamp</p> <p>Cap. / Ch. 11</p>	<p>Cover</p> <p>Cap. / Ch. 11</p>
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Curva tipica di distribuzione della luce Luminous intensity distribution

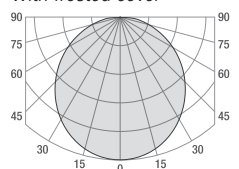
Senza cover
Without cover



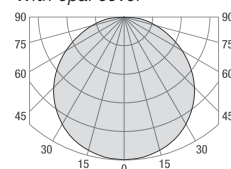
Cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover



Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

MT355	XXXXX	.	XI	XX	YBA
1	2		1	3	1

1 Codice fisso / Fixed code

MT355_XI_YBA

2 CCT

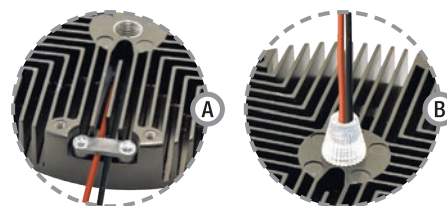
CRI>80

CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	40903
5000K	50803	/

3 Blocca cavo / Cable clamp

Laterale / Side	AY
Centrale / Central	BY



Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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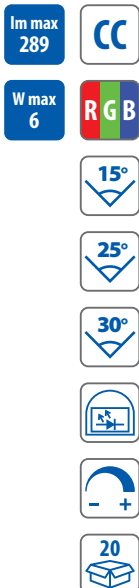
www.easrl.com

Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

TR50F.BZ

Modulo LED RGB a corrente costante
Constant current RGB LED module

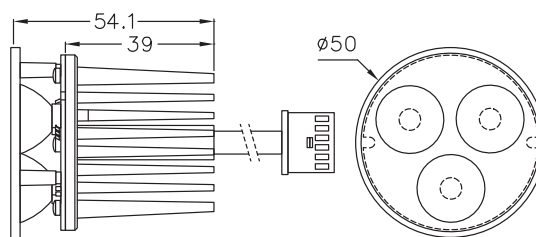


Input	200mA
V _F Max	-
Max power	6W
Max lumen	289 lm
RA/CRI	R: 620~630 nm G: 520~530 nm B: 460~465 nm
LED type	PROLIGHT® RGB
LED q.ty	3
Beam angle	15°, 25°, 30°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 54.1 mm

Temperatura d'esercizio / Working temperature (Tmax)

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



Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

TR50F . BZ X
① | ① | ②

① Codice fisso / Fixed code TR50F.BZ

② Lente / Lens

15°	H
25°	K
30°	L

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

LED driver
Driver LED



Cap. / Ch. 08

Lente
Lens



Cap. / Ch. 11



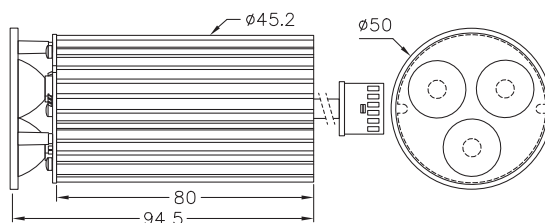
Scheda tecnica completa sul nostro sito
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TR50F.BW

Modulo LED RGB a corrente costante
Constant current RGB LED module



Input	200mA, 350mA
V _f Max	-
Max power	10.5W
Max lumen	465 lm
RA/CRI	R: 620~630 nm G: 520~530 nm B: 460~465 nm
LED type	PROLIGHT® RGB
LED q.ty	3
Beam angle	15°, 25°, 30°
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 94.5 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

TR50F . BW X
① ① ②

① Codice fisso / Fixed code TR50F.BW

② Lente / Lens

15°	H
25°	K
30°	L

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

LED driver
Driver LED



Cap. / Ch. 08

Lente
Lens



Cap. / Ch. 11



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TR50X_XV

Modulo LED a tensione costante
Constant voltage LED module



Im max
902



W max
7



Input	12~24Vdc
Max power	7W
Max lumen	902 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	15°, 25°, 30°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 52 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Cavo
Cable

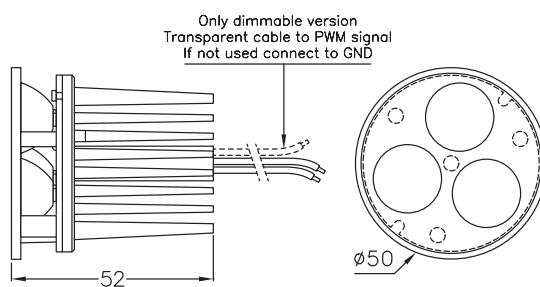


Cap. / Ch. 10

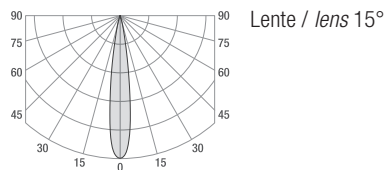
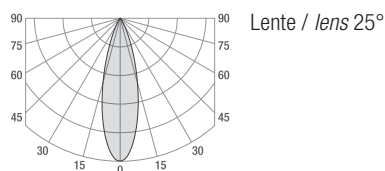
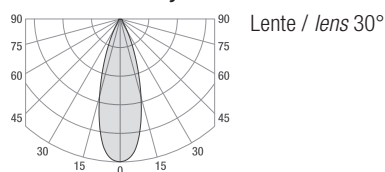
Lente
Lens



Cap. / Ch. 11



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

TR50X | XXXXX | XV070BZ | X | AB
① | ② | ① | ③ | ①

① Codice fisso / Fixed code TR50X_XV070BZ_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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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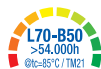


Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

TR50X_XN

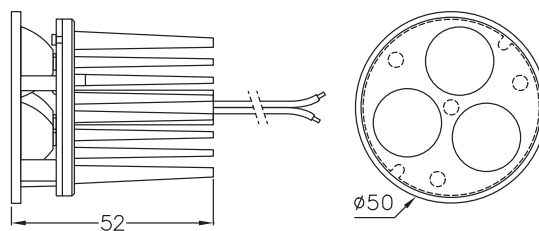
Modulo LED a tensione costante
Constant voltage LED module



Im max
902



W max
7



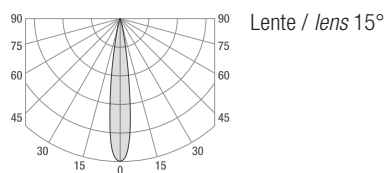
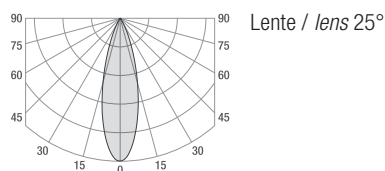
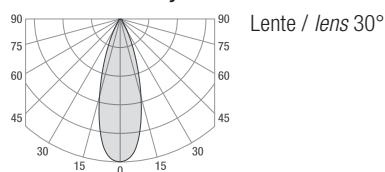
Input	12~24Vdc
Max power	7W
Max lumen	902 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	3
Beam angle	15°, 25°, 30°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 50 mm x h 52 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cavi, lente, senza altri accessori)

Standard order code composition

(With cables, lens, without other accessories)

TR50X | XXXXX | . XN070BZ | X | AB
 ① | ② | | ① | ③ | ①

① Codice fisso / Fixed code	TR50X _ XN070BZ _ 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	

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Lente
Lens



Cap. / Ch. 11

AR1_XV

Modulo LED a tensione costante
Constant voltage LED module



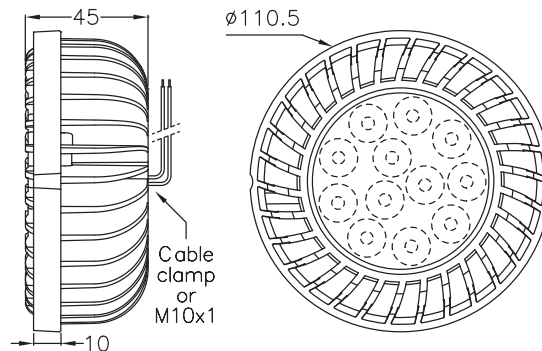
Im max
2167

CV

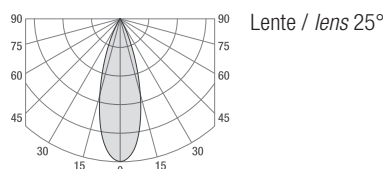
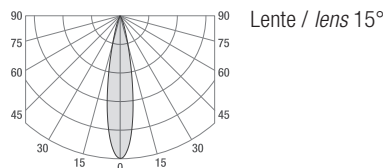
W max
17.5

15°

25°



Curva tipica di distribuzione della luce Luminous intensity distribution



Uscita cavi posteriore centrale
Central back cable exit

Input	24Vdc
Max power	17.5W
Max lumen	2167 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5700K
Step MacAdam (SDCM)	3
LED type	SEOUL® Z5M4
LED q.ty	12
Beam angle	15°, 25°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipato / Self dissipated
Dimensions	Ø 110.5 mm x h 45 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Composizione codice ordine standard

(Con dissipatore alluminio, lente, cavi e mini bloccacavo)

Standard order code composition

(With heatsink aluminium, lens, cables and mini cable clamp)

AR1	XXXXX	.	XV175BV	X	AB
1	2		1	3	1

1 Codice fisso / Fixed code AR1_XV175BV_AB

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

3 Lente / Lens

15°	S
25°	T

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Dissipatore nero
Black heatsink



Cap. / Ch. 11



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

MT355_XV

Modulo LED a tensione costante
Constant voltage LED module



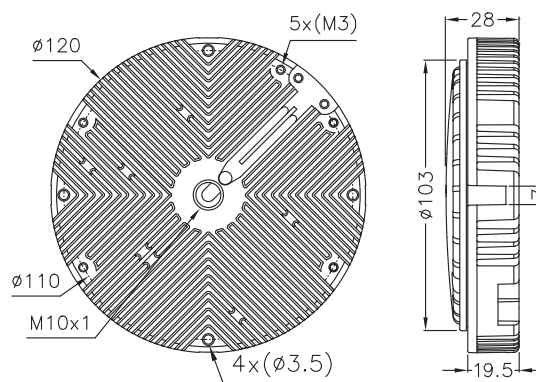
A
D

Im max
2611

CV

W max
17

120°



Input CV	24Vdc
Max power	17W
Max lumen	2611 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	OSRAM® 2835
LED q.ty	88
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	Ø 120 mm x h 28 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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).

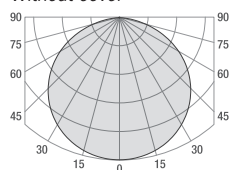
N.B.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

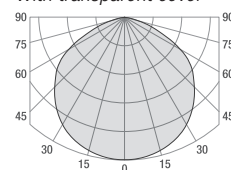
<p>Cavo Cable</p> <p>Cap. / Ch. 10</p>	<p>Blocca cavo Cable clamp</p> <p>Cap. / Ch. 11</p>	<p>Cover</p> <p>Cap. / Ch. 11</p>
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Curva tipica di distribuzione della luce Luminous intensity distribution

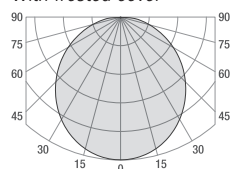
Senza cover
Without cover



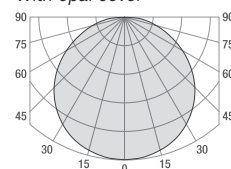
Cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover



Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

MT355 | **XXXXX** | **XV170** | **XX** | **YBA**

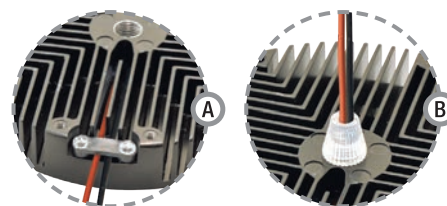
① | ② | ① | ③ | ①

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

Laterale / Side	AY
Centrale / Central	BY



Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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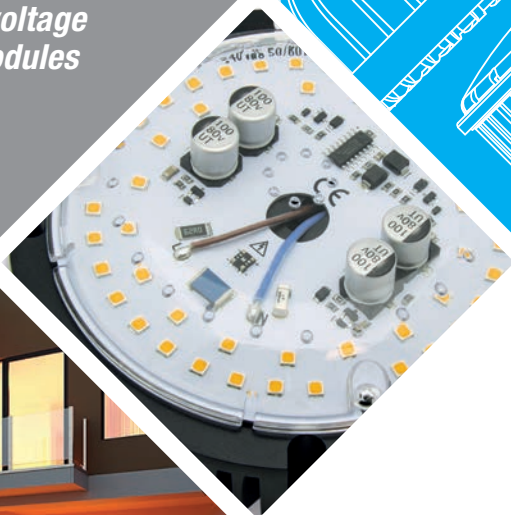
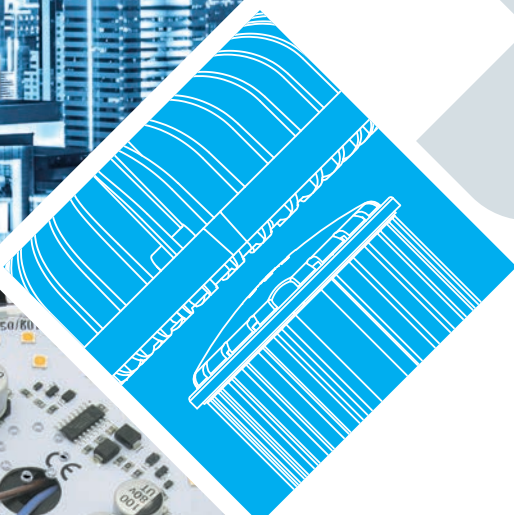
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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

04

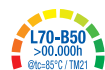
Moduli LED
a tensione di rete
*Mains voltage
LED modules*



Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

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



Modulo LED da incorporare / Built-in lighting module



Solo per applicazioni esterne / Only for outdoor applications



Dimmerabile / Dimmable



Ordine minimo / Minimum order



Tolleranze | Tolerances

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

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.

Indice capitolo | Chapter contents

Moduli LED / LED modules

220~240Vac



177 > 184

110~120Vac

185

MT078

Modulo LED a tensione di rete
Mains voltage LED module

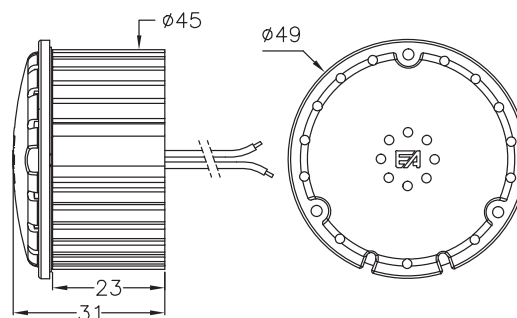


Im max
505

220

W max
5

115°



Input	220~240Vac
Max power	5W
Max lumen	505 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	12
Beam angle	115°
Stroboscopic effect	SVM 3.68
Flicker	P _{st} LM 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 49 mm x h 31 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

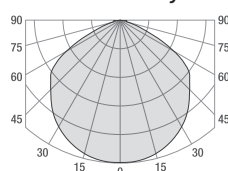
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Con cover di protezione incollata, cavi saldati e pad termico senza e altri accessori)

Standard order code composition

(With glued protection cover, welded cables and thermal pad without other accessories)

MT078 | **XXXXX** | **M050BWYAE**

1

2

1

1 Codice fisso / Fixed code

MT078_5TMXAE

2 CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

5000K

50803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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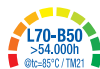
www.easrl.com

Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

AR1_M

Modulo LED a tensione di rete
Mains voltage LED module

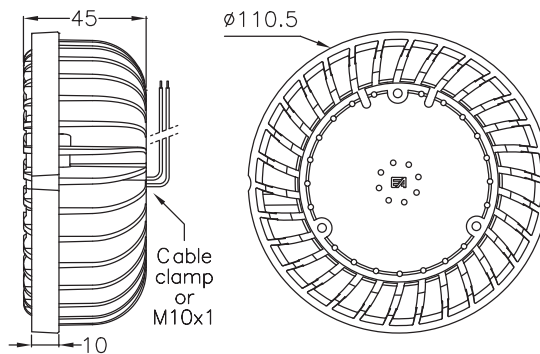


Im max
1870

220

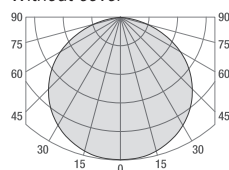
W max
17

120°

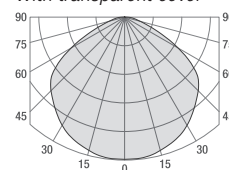


Curva tipica di distribuzione della luce Luminous intensity distribution

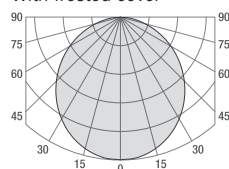
Senza cover
Without cover



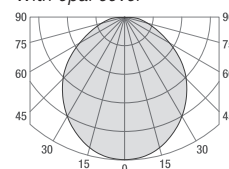
Cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover



Uscita cavi posteriore centrale
Central back cable exit

Input	220~240Vac
Max power	17W
Max lumen	1870 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.78
Flicker	P _{stLM} 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 110.5 mm x h 45 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

<p>Cavo Cable</p> <p>Cap. / Ch. 10</p>	<p>Dissipatore nero Black heatsink</p> <p>Cap. / Ch. 11</p>	<p>Cover</p> <p>Cap. / Ch. 11</p>
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Composizione codice ordine standard

(Con cover trasparente, dissipatore alluminio, cavi, pad termico e mini blocca cavo)

Standard order code composition

(With transparent cover, heatsink aluminium, cables, thermal pad and mini cable clamp)

AR1 | XXXXX | M170BVYAG

① Codice fisso / Fixed code

AR1_7BVYAG

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5000K

50803

/

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

MT149

Modulo LED a tensione di rete
Mains voltage LED module

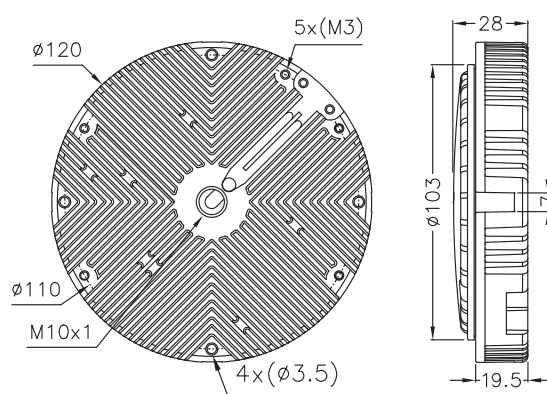


Im max
1100

220

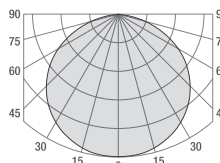
W max
10

120°

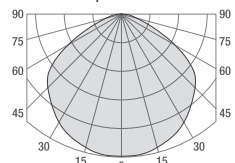


Curva tipica di distribuzione della luce Luminous intensity distribution

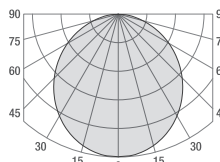
Senza cover
Without cover



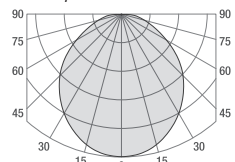
Cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover



Input	220~240Vac
Max power	10W
Max lumen	1100 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.7
Flicker	P _{st} LM 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 120 mm x h 28 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

<p>Cavo Cable</p> <p>Cap. / Ch. 10</p>	<p>Blocca cavo Cable clamp</p> <p>Cap. / Ch. 11</p>	<p>Cover</p> <p>Cap. / Ch. 11</p>
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Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

MT149 | XXXXX | M100 | XX | YAG
① | ② | ① | ③ | ①

① Codice fisso / Fixed code

MT149 _ M100 _ YAG

② CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

5000K

50803

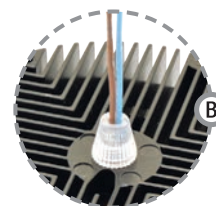
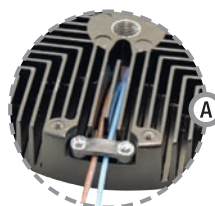
③ Blocca cavo / Cable clamp

Laterale / Side

AY

Centrale / Central

BY



Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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www.easrl.com

Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

MT360

Modulo LED a tensione di rete
Mains voltage LED module

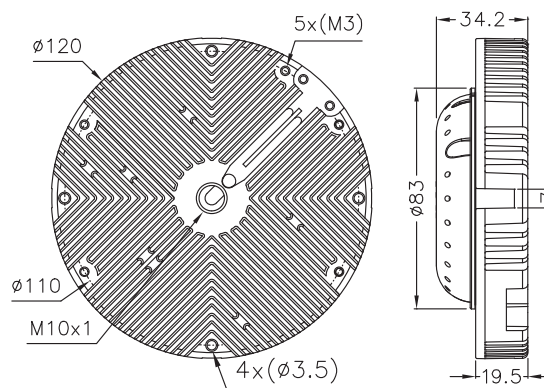


Im max
1840

220

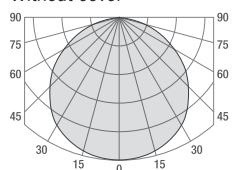
W max
16

120°

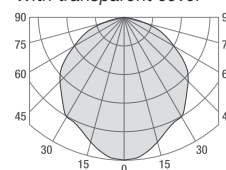


Curva tipica di distribuzione della luce Luminous intensity distribution

Senza cover
Without cover



Con cover trasparente
With transparent cover



Input	220~240Vac
Max power	16W
Max lumen	1840 lm
RA/CRI	CRI>80
R9	CRI 80 \geq 0
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 0.12
Flicker	P _{st} LM 0.52
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 120 mm x h 34.2 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Cavo Cable	Blocca cavo Cable clamp	Cover
Cap. / Ch. 10	Cap. / Ch. 11	Cap. / Ch. 11

Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

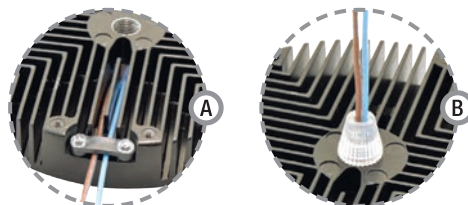
MT360 | XXXXX | M160 | XX | YAG
① | ② | ① | ③ | ①

① Codice fisso / Fixed code MT360 _ M160 _ YAG

② CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803

③ Cavi / Cables

Cavi laterali / Side cables	AY
Cavi posteriori / Back cables	BY



Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Scheda tecnica completa sul nostro sito
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Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-3-2 + A1
EN 61000-3-3 + EC + A1 / EN 61000-4-2 / EN 61000-4-3 + EC + A1
EN 61000-4-4 / EN 61000-4-5 + A1 / EN 61000-4-6 / EN 61000-4-11
EN60598 SEZ/SEC (10) / EN 62471
IEC TR 62778

MT361

Modulo LED a tensione di rete
Mains voltage LED module

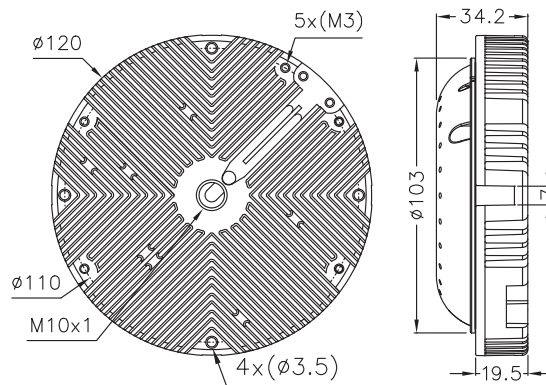


Im max
2023

220

W max
17

120°



Input	220~240Vac
Max power	17W
Max lumen	2023 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
Step MacAdam (SDCM)	3
PCB	IMS 1 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 0.12
Flicker	P _{st} LM 0.52
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 120 mm x h 34.2 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning



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

N.B.: per mantenere i 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).

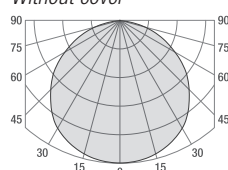
N.B.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

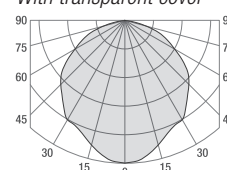
<p>Cavo Cable</p>  <p>Cap. / Ch. 10</p>	<p>Blocca cavo Cable clamp</p>  <p>Cap. / Ch. 11</p>	<p>Cover</p>  <p>Cap. / Ch. 11</p>
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Curva tipica di distribuzione della luce Luminous intensity distribution

Senza cover
Without cover



Con cover trasparente
With transparent cover



Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

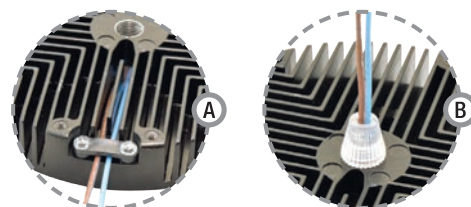
MT361 | XXXXX | M170 | XX | YAG
① | ② | ① | ③ | ①

① Codice fisso / Fixed code MT361 _ M170 _ YAG

② CCT	CRI>80
2700K	27803
3000K	30803
4000K	40803

③ Cavi / Cables

Cavi laterali / Side cables	AY
Cavi posteriori / Back cables	BY



Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-3-2 + A1
EN 61000-3-3 + EC + A1 / EN 61000-4-2 / EN 61000-4-3 + EC + A1
EN 61000-4-4 / EN 61000-4-5 + A1 / EN 61000-4-6 / EN 61000-4-11
EN60598 SEZ/SEC (10) / EN 62471
IEC TR 62778

MT151

Modulo LED a tensione di rete
Mains voltage LED module

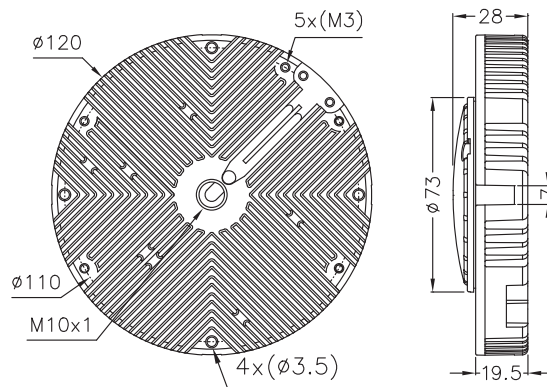


Im max
1870

220

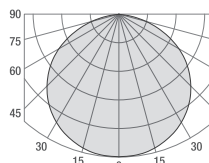
W max
17

120°

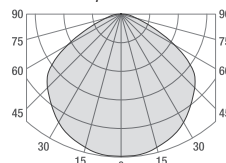


Curva tipica di distribuzione della luce Luminous intensity distribution

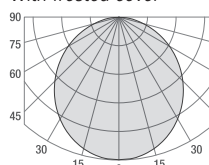
Senza cover
Without cover



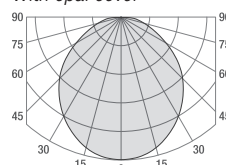
Cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover



Input	220~240Vac
Max power	17W
Max lumen	1870 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	36
Beam angle	120°
Stroboscopic effect	SVM 3.78
Flicker	P _{st} LM 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 120 mm x h 28 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

Cavo Cable	Blocca cavo Cable clamp	Cover
Cap. / Ch. 10	Cap. / Ch. 11	Cap. / Ch. 11

Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

MT151 | XXXXX | M170 | XX | YAG
① | ② | ① | ③ | ①

① Codice fisso / Fixed code

MT151 _ M170 _ YAG

② CCT

CRI>80

CRI>90

2700K

27803

27903

3000K

30803

30903

4000K

40803

/

5000K

50803

/

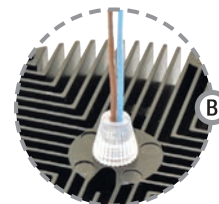
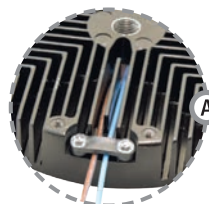
③ Blocca cavo / Cable clamp

Laterale / Side

AY

Centrale / Central

BY



Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

MT152

Modulo LED a tensione di rete
Mains voltage LED module

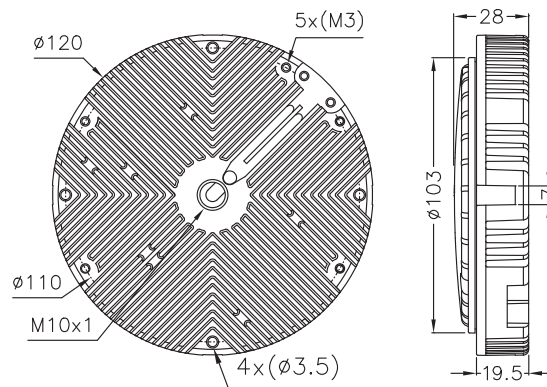


Im max
1870

220

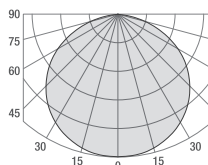
W max
17

120°

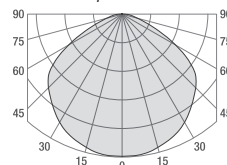


Curva tipica di distribuzione della luce Luminous intensity distribution

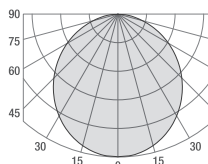
Senza cover
Without cover



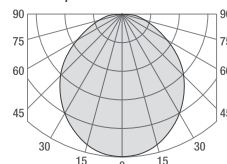
Cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover



Input	220~240Vac
Max power	17W
Max lumen	1870 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 3.72
Flicker	P _{st} LM 0.08
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 103 mm x h 8 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, the cover must remain removable.

Accessori / Accessories

<p>Cavo Cable</p> <p>Cap. / Ch. 10</p>	<p>Blocca cavo Cable clamp</p> <p>Cap. / Ch. 11</p>	<p>Cover</p> <p>Cap. / Ch. 11</p>
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Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

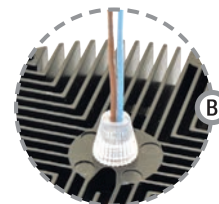
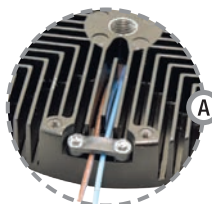
MT152 | XXXXX | M170 | XX | YAG

① | ② | ① | ③ | ①

① Codice fisso / Fixed code	MT152 _ M170 _ YAG	
② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

③ Blocca cavo / Cable clamp

Laterale / Side	AY
Centrale / Central	BY



Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Complete datasheet on our web site

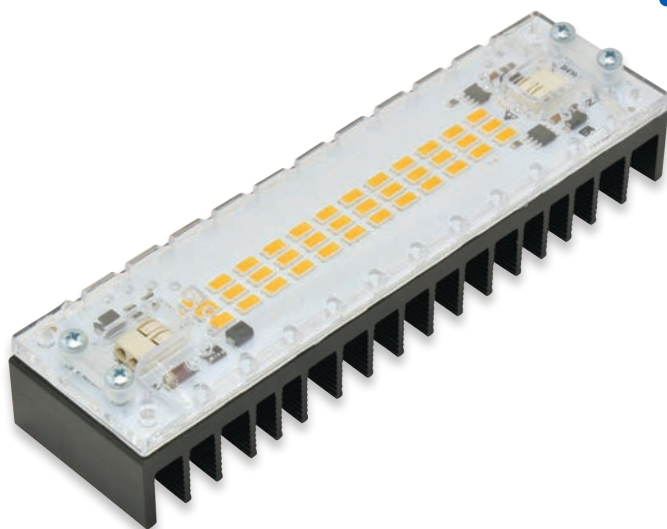
www.easrl.com

Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

MT083

Modulo LED a tensione di rete
Mains voltage LED module

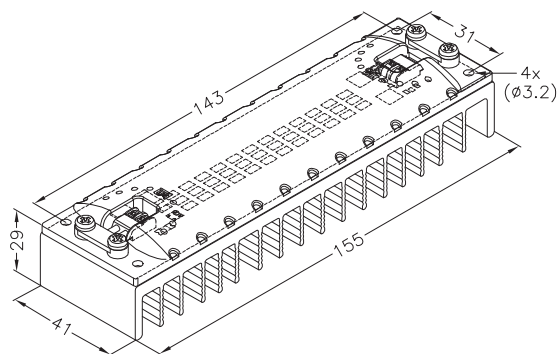


Im max
1485

220

W max
13.5

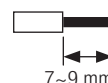
120°



Cablaggio / Wiring

Inserire o rimuovere i cavi premendo leggermente sul pulsante
Insert or remove the cables by pressing lightly on the button

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	220~240Vac
Max power	13.5W
Max lumen	1485 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 5630
LED q.ty	36
Beam angle	115°
Stroboscopic effect	SVM 3.63
Flicker	P _{stLM} 0.09
Displacement factor	0.99
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	155 x 41 mm - h 29 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

N.B.: per mantenere i 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.: to maintain the above parameters, in compliance with the "EPREL" standard, **the cover must remain removable.**

Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Cover

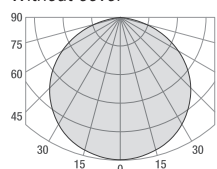


Cap. / Ch. 11

Curva tipica di distribuzione della luce Luminous intensity distribution

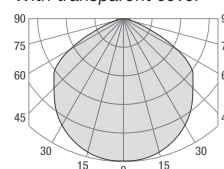
Senza cover

Without cover



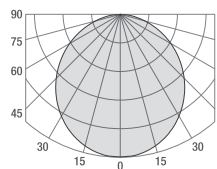
Cover trasparente

With transparent cover



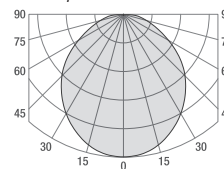
Con cover satinata

With frosted cover



Con cover opale

With opal cover



Composizione codice ordine standard

(Con cover trasparente, push-button e pad termico)

Standard order code composition

(With transparent cover, push-button and thermal pad)

MT083 | **XXXXX** | **M135GZYAE**

1

2

1

1 Codice fisso / Fixed code

MT083 _ M135GZYAE

2 CCT

CRI>80

2700K

27803

3000K

30803

4000K

40803

5000K

50803

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

MT193

Modulo LED a tensione di rete
Mains voltage LED module

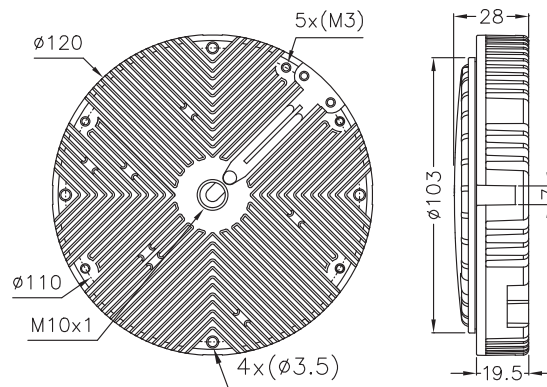


Im max
1870

110

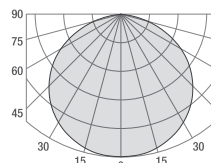
W max
17

120°

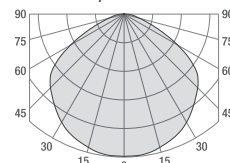


Curva tipica di distribuzione della luce Luminous intensity distribution

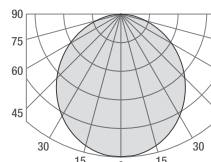
Senza cover
Without cover



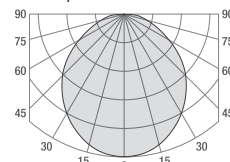
Cover trasparente
With transparent cover



Con cover satinata
With frosted cover



Con cover opale
With opal cover



Input	110~120Vac
Max power	17W
Max lumen	1870 lm
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
Step MacAdam (SDCM)	3
PCB	IMS 1.6 mm
LED type	SEOUL® 3030
LED q.ty	48
Beam angle	120°
Stroboscopic effect	SVM 4.62
Flicker	P _{stLM} 0.12
Displacement factor	0.97
T _{max}	+85°C
t _a	-20°C ~ +40°C
Dissipation	Auto dissipata / Self dissipated
Dimensions	Ø 120 mm x h 28 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale, misurata sul corpo in alluminio del modulo o sul t_c / t_p sulla scheda 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 or at the nearest point to the LED

Attenzione / Warning

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

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

Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Blocca cavo
Cable clamp



Cap. / Ch. 11

Cover



Cap. / Ch. 11

Composizione codice ordine standard

(Con cover trasparente, cavi, pad termico e blocca cavo)

Standard order code composition

(With transparent cover, cables, thermal pad and cable clamp)

MT193 | XXXXX | M170 | XX | YAG
① | ② | ① | ③ | ①

① Codice fisso / Fixed code

MT193 _ M170 _ YAG

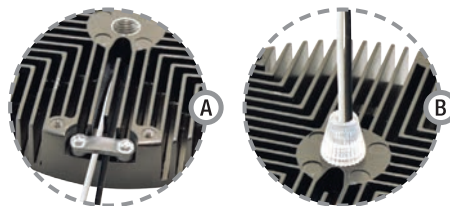
② CCT

CRI>80 CRI>90

2700K	27803	27903
3000K	30803	30903
4000K	40803	/
5000K	50803	/

③ Blocca cavo / Cable clamp

Laterale / Side	AY
Centrale / Central	BY



Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778 / EN 55015 / EN 61547

05

Strip LED
e profili in alluminio
*LED strip
and aluminium profiles*



Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

Durata di vita della sorgente luminosa / Lifetime of the light source	
Classe efficienza energetica / Energy efficiency class	
Tensione costante 24Vdc / 24Vdc constant voltage	
LED-metro / LEDs-meter	
Potenza max-metro / Max power-meter	
Strip LED RGB / RGB LED strip	
Angolo fascio luminoso / Beam angle	
Modulo LED da incorporare / Built-in lighting module	
Flessibile / Flexible	
Dimmerabile / Dimmable	
Linkabile / Linkable	
Divisibile / Divisible	
Bobina da 5 metri / 5-meter reel	
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	

Alimentatore/Driver | Power supply unit/Driver

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 strips are not protected against overvoltage, overcurrent, overload or short-circuits. Use only class II power supplies equipped with these protections.

Tolleranze | Tolerances

Valori elettrici / Electrical values (@25°): ±10%

Dimensionali / Dimensional: ±0.15mm

Ø fori / hole Ø: ±0.1mm

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 strips contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be careful not to damage LED strips and/or not to modify them. Avoid connecting LED strips to a powered supply unit. Do not turn on the LED strip when it is still in the packaging. Non-user replaceable light sources.

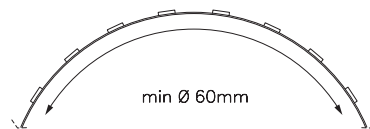
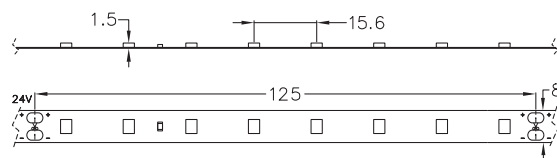
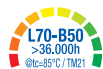
Indice capitolo | Chapter contents

Strip LED / LED strip	
Tensione costante 24Vdc / 24Vdc constant voltage	189 › 203
Accessori / Accessories	204 › 205
Profili in alluminio / Aluminium profiles	206 › 211



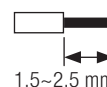
STF064

Strip LED in tensione costante
Constant voltage LED strip



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	4.8W metro/meter
Max lumen	750 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	33
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	64 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 1.5 mm - Taglio / cut: = 125 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

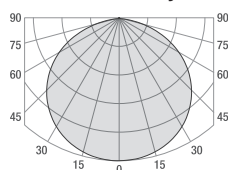
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STF064 | **XX** | **82V08**

1 Codice fisso / Fixed code STF064 _ 82V08

2 CCT CRI>80

2000K	27
3000K	30
4000K	40

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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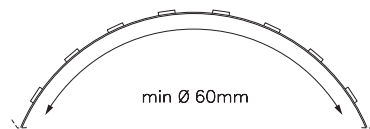
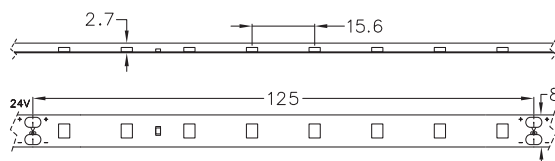
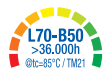


Riferimenti normativi / Normative requirements

EN 62717 / EN 13032-4

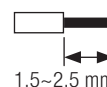
STW064

Strip LED in tensione costante
Constant voltage LED strip



Cablaggio / Wiring

Conduttore rigido - *Solid conductor*
Conduttore flessibile - *Stranded conductor*
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	4.8W metro / meter
Max lumen	600 lm metro / meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	55
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	64 metro / meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / <i>Not self dissipated</i>
Dimensions	5000 x 8 mm x h 2.7 mm - Taglio / cut: = 125 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

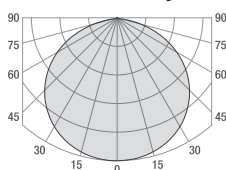
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STW064 | XX | 82V08

1 Codice fisso / Fixed code STW064_82V08

2 CCT CRI>80

2000K	27
3000K	30
4000K	40

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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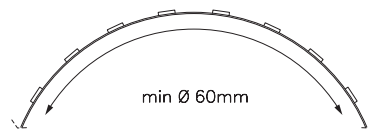
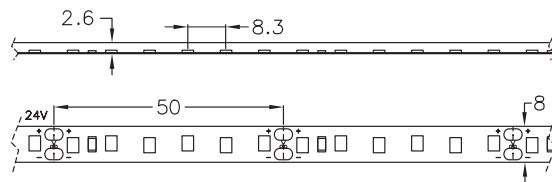
Riferimenti normativi / Normative requirements

EN 62717 / EN 13032-4

STW1203R82V08

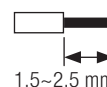
Strip LED in tensione costante
Constant voltage LED strip

Specifica per illuminazione carne
Specific for meat lighting



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



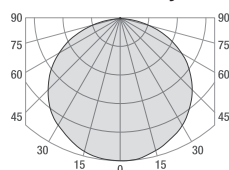
Input	24Vdc
Max power	8W metro/meter
Max lumen	434 lm metro/meter
RA/CRI	CRI>80
CCT	2300K
IP	55
LED type	SMD 2835
LED q.ty	120 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 2.6 mm - Taglio / cut: = 50 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STW1203R82V08

①

① Codice fisso / Fixed code

STW1203R82V08

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10



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STF1202835W

Strip LED in tensione costante
Constant voltage LED strip



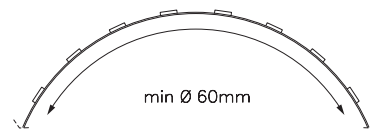
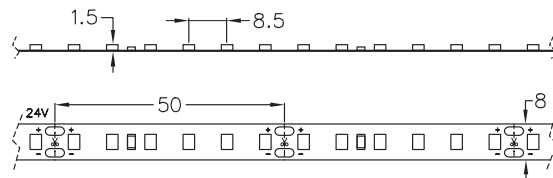
LEDs/m
120

24V
DC

W/m
14.4

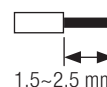
120°

lm/m
1454



Cablaggio / Wiring

Conduttore rigido - *Solid conductor*
Conduttore flessibile - *Stranded conductor*
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	14.4W metro/meter
Max lumen	1454 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	3000K
IP	20
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	120 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / <i>Not self dissipated</i>
Dimensions	5000 x 8 mm x h 1.5 mm - Taglio / cut: = 50 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

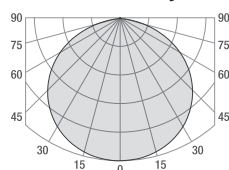
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



IEC/EN 60598-2-20

Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STF1202835W . 23B01

①

①

① Codice fisso / Fixed code

STF1682835.23B01

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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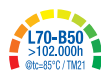


Riferimenti normativi / Normative requirements

EN 62717 / EN 13032-4

SF265

Strip LED in tensione costante
Constant voltage LED strip



LEDs/m
120

24V
DC

W/m
25

120°

lm/m
3082

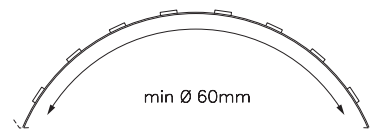
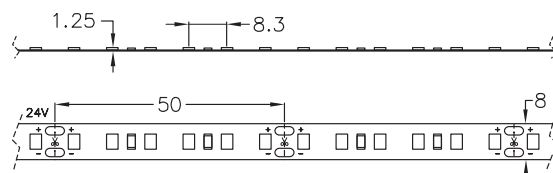


Flex



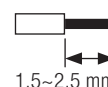
5 m

IP20

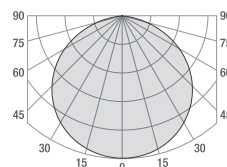


Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Senza cavi)

Standard order code composition

(Without cables)

SF265 | **XXXXX** | **XV250** | **XX** | **LA**

① | ② | ① | ③ | ①

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	/

* CRI>90 max 20W

③ Adesivo / Adhesive

NO	XX
3M® 300 LSE	XE
3M® 55 230H	XF

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Input	24Vdc
Max power	25W metro/meter
Max lumen	3082 lm metro/meter
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K, 5000K
IP	20
Step MacAdam (SDCM)	3
LED type	SAMSUNG® 2835
LED q.ty	120 metro/meter
Beam angle	120°
Tmax	+85°C
ta	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 1.25 mm - Taglio / cut: = 50 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Cavo
Cable



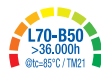
Cap. / Ch. 10

Bobina 10 metri
10-meter reel



STF128

Strip LED in tensione costante
Constant voltage LED strip



LEDs/m
128

24V
DC

W/m
9.6

120°

lm/m
1420

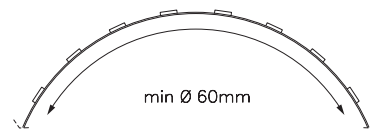
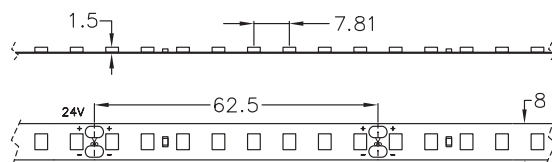


Flex



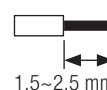
5 m

IP33



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	9.6W metro/meter
Max lumen	1420 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	33
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	128 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 1.5 mm - Taglio / cut: = 62.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

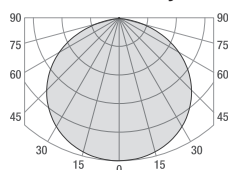
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STF128 | **XX** | **82V08**

① Codice fisso / Fixed code

STF128 _ 82V08

② CCT

CRI>80

2000K

27

3000K

30

4000K

40

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62717 / EN 13032-4

STW128

Strip LED in tensione costante
Constant voltage LED strip



LEDs/m
128

24V
DC

W/m
9.6

120°

lm/m
1230

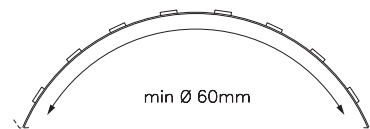
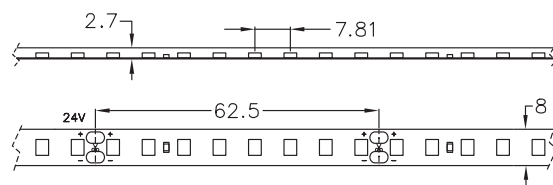


Flex



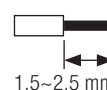
5 m

IP55



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	9.6W metro/meter
Max lumen	1230 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	55
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	128 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 1.5 mm - Taglio / cut: = 62.5 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

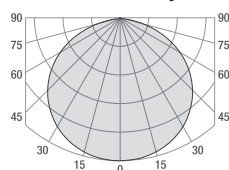
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STW128 | **XX** | **82V08**

1 Codice fisso / Fixed code STW128_82V08

2 CCT	CRI>80
2000K	27
3000K	30
4000K	40

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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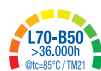


Riferimenti normativi / Normative requirements

EN 62717 / EN 13032-4

STF160

Strip LED in tensione costante
Constant voltage LED strip



LEDs/m
160

24V
DC

W/m
14.4

120°

lm/m
2240

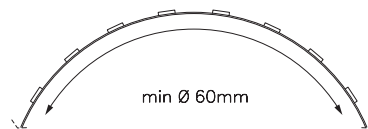
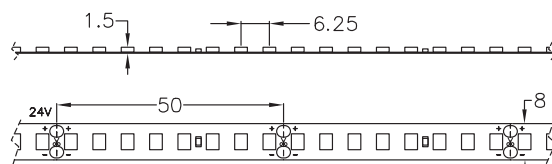


Flex



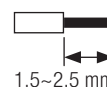
5 m

IP33



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	14.4W metro/meter
Max lumen	2240 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	33
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	160 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 2.7 mm - Taglio / cut: = 50 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

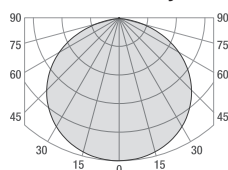
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STF160 | **XX** | **82V08**

① Codice fisso / Fixed code

STF160 _ 82V08

② CCT

CRI>80

2000K

27

3000K

30

4000K

40

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 62717 / EN 13032-4

STW160

Strip LED in tensione costante
Constant voltage LED strip



LEDs/m
160

24V
DC

W/m
14.4

120°

lm/m
1810

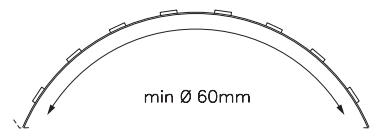
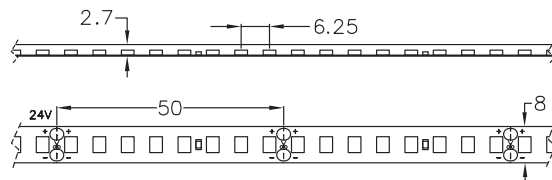


Flex



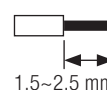
5 m

IP55



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	14.4W metro/meter
Max lumen	1810 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	55
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	160 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 2.7 mm - Taglio / cut: = 50 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

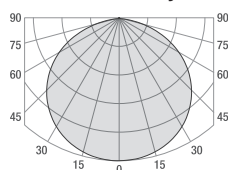
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STW160 | **XX** | **82V08**

1 Codice fisso / Fixed code STW160_82V08

2 CCT CRI>80

2000K	27
3000K	30
4000K	40

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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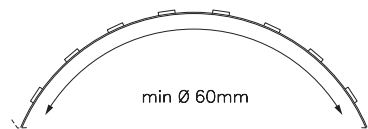
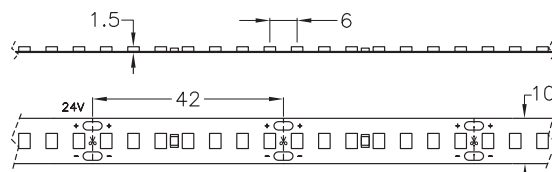


Riferimenti normativi / Normative requirements

EN 62717 / EN 13032-4

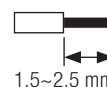
STF1682835

Strip LED in tensione costante
Constant voltage LED strip



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	17.3W metro/meter
Max lumen	1820 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	33
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	168 metro/meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 10 mm x h 1.5 mm - Taglio / cut: = 42 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

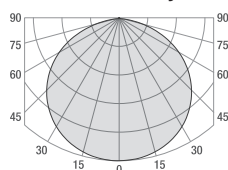
Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



IEC/EN 60598-2-20

Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STF1682835 | X | . 23B01

1 Codice fisso / Fixed code STF1682835 _ 23B01

2 CCT	CRI>80
2000K	H
3000K	W
4000K	N

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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SF271

Strip LED in tensione costante
Constant voltage LED strip



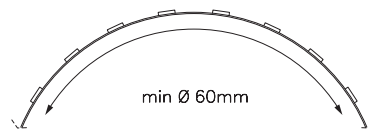
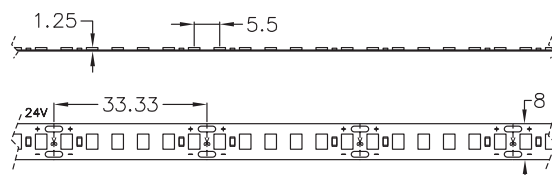
LEDs/m
180

24V
DC

W/m
25

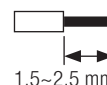
120°

lm/m
3200

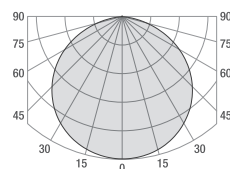


Cablaggio / Wiring

Conduttore rigido - *Solid conductor*
Conduttore flessibile - *Stranded conductor*
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Senza cavi)

Standard order code composition

(Without cables)

SF271 | XXXXX | XV250 | XX | LA
① | ② | ① | ③ | ①

① Codice fisso / Fixed code SF271 _ XV250 _ LA

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903

③ Adesivo / Adhesive	
NO	XX
3M® 300 LSE	XE
3M® 55 230H	XF

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-4-2
EN 61000-4-3 + A1 + IS1 + A2 / EN 61000-4-4 / EN 61000-4-6
EN 62471 / IEC TR 62778

Input	24Vdc
Max power	25W metro/meter
Max lumen	3200 lm metro/meter
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
IP	20
Step MacAdam (SDCM)	3
LED type	SAMSUNG® 2835
LED q.ty	180 metro/meter
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 1.25 mm - Taglio / cut: = 33.3 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Bobina 10 metri
10-meter reel



STF192

Strip LED in tensione costante
Constant voltage LED strip



Input	24Vdc
Max power	17.6W metro /meter
Max lumen	2480 lm metro /meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	20
Step MacAdam (SDCM)	2
LED type	SMD 2835
LED q.ty	192 metro /meter
Beam angle	120°
Tmax	+75°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 10 mm x h 1.5 mm - Taglio / cut: = 41.67 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

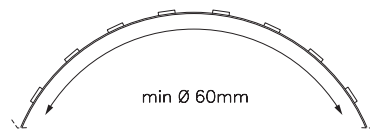
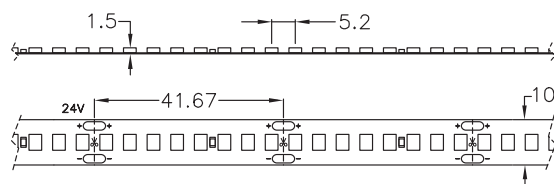
To be tested on final application measured at LED strip t_c / t_p (if present) or at the nearest point to the LED

Accessori / Accessories

Cavo
Cable

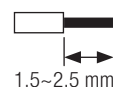


Cap. / Ch. 10

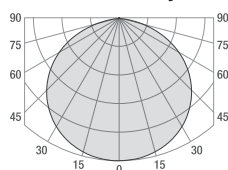


Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STF192 | XX | 82V10
① | ② | ①

① Codice fisso / Fixed code STF192_ 82V10

② CCT CRI>80

2000K	27
3000K	30
4000K	40

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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SF272

Strip LED in tensione costante
Constant voltage LED strip



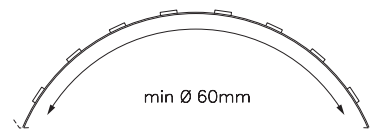
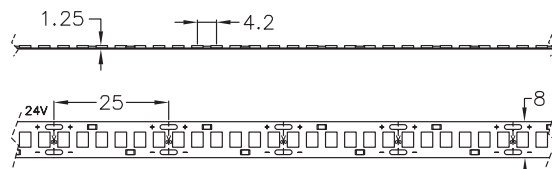
LEDs/m
240

24V
DC

W/m
25

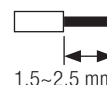
120°

lm/m
3272

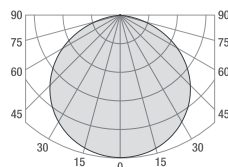


Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard

(Senza cavi)

Standard order code composition

(Without cables)

SF271 | **XXXXX** | **XV250** | **XX** | **LA**

① | ② | ① | ③ | ①

① **Codice fisso / Fixed code** SF271 _ XV250 _ LA

② CCT	CRI>80	CRI>90
2700K	27803	27903
3000K	30803	30903
4000K	40803	40903

③ Adesivo / Adhesive

NO	XX
3M® 300 LSE	XE
3M® 55 230H	XF

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Input	24Vdc
Max power	25W metro/meter
Max lumen	3272 lm metro/meter
RA/CRI	CRI>80, CRI>90
R9	CRI 80 ≥ 0 / CRI 90 ≥ 50
CCT	2700K, 3000K, 4000K
IP	20
Step MacAdam (SDCM)	3
LED type	SAMSUNG® 2835
LED q.ty	240 metro/meter
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 8 mm x h 1.25 mm - Taglio / cut: = 25 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Cavo
Cable



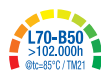
Cap. / Ch. 10

Bobina 10 metri
10-meter reel



SF362

Strip LED in tensione costante
Constant voltage LED strip



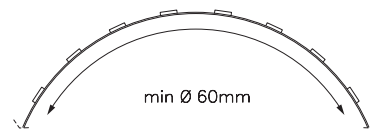
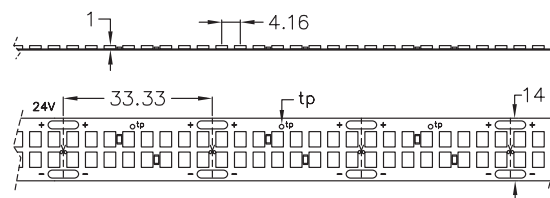
LEDs/m
480

24V
DC

W/m
29

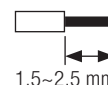
120°

lm/m
4980



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Input	24Vdc
Max power	29W metro/meter
Max lumen	4980 lm metro/meter
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2700K, 3000K, 4000K
IP	20
Step MacAdam (SDCM)	3
LED type	SAMSUNG® 2835
LED q.ty	480 metro/meter
Beam angle	120°
Tmax	+85°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / Not self dissipated
Dimensions	5000 x 14 mm x h 1 mm - Taglio / cut: = 33.33 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p sulla strip
To be tested on final application measured at LED strip t_c / t_p

Accessori / Accessories

Cavo
Cable

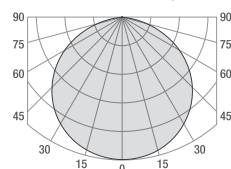


Cap. / Ch. 10

Bobina 10 metri
10-meter reel



Curva tipica di distribuzione della luce Luminous intensity distribution



Approvazioni / Approvals



Composizione codice ordine standard (Senza cavi)

Standard order code composition
(Without cables)

SF362 | **XXXXX** | **XV290** | **XX** | **LA**
① | ② | ① | ③ | ①

① Codice fisso / Fixed code SF362 _ XV290 _ LA

② CCT CRI>80

2700K	27803
3000K	30803
4000K	40803

③ Adesivo / Adhesive

NO	XX
3M® 300LSE	XE

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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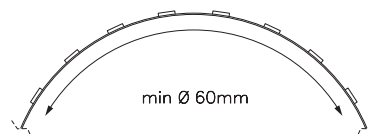
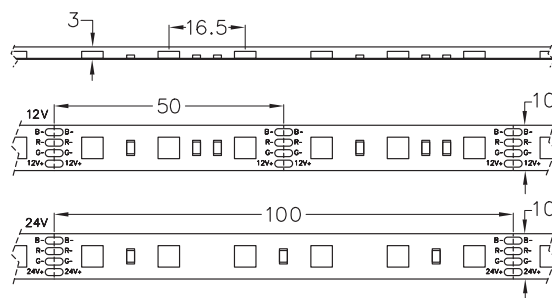


Riferimenti normativi / Normative requirements

EN 55015/A11 / EN 61547 / EN 61000-4-2
EN 61000-4-3 + A1 + ISI + A2 / EN 61000-4-4 / EN 61000-4-6
EN 62471 / IEC TR 62778

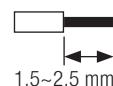
STW0605050F

Strip LED RGB in tensione costante
RGB Constant voltage LED strip



Cablaggio / Wiring

Conduttore rigido - *Solid conductor*
Conduttore flessibile - *Stranded conductor*
0.25~0.75mm² / AWG24~AWG18



Input	12-24Vdc
Max power	14.4W metro /meter
Max lumen	150 lm metro /meter
RA/CRI	R: 620~630 nm G: 520~530 nm B: 460~465 nm
IP	55
LED type	SMD 5050
LED q.ty	60 metro /meter
Beam angle	120°
Tmax	+60°C
t _a	-20°C ~ +40°C
Dissipation	Non auto dissipata / <i>Not self dissipated</i>
Dimensions	5000 x 10 mm x h 2 mm Taglio / cut: 12V = 50 mm / 24V = 100 mm

Temperatura d'esercizio / Working temperature (Tmax)

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

Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Approvazioni / Approvals



CE IEC/EN 60598-2-20

Composizione codice ordine standard

(Con cavi e adesivo)

Standard order code composition

(With cables and adhesive)

STFW0605050F . XXXXX

1 Codice fisso / Fixed code

2 STW0605050F

2 Vdc input

12V	23B00
24V	23B01

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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NAS018.00

Nastro adesivo rosso VHB
RED VHB adhesive tape

Spessore / Thickness	1 mm
Larghezza / Width	8 mm
Bobina / Reel	33 metri / meter



PAD009.00

Nastro biadesivo
Double-sided tape

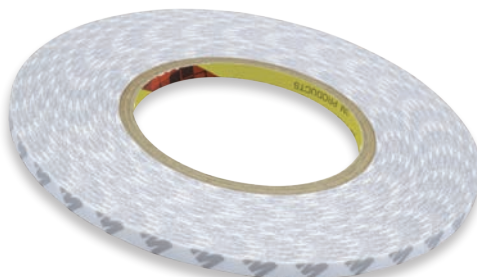
Spessore / Thickness	0.16 mm
Larghezza / Width	8 mm
Bobina / Reel	50 metri / meter



PAD010.00

Nastro biadesivo
Double-sided tape

Spessore / Thickness	0.16 mm
Larghezza / Width	6 mm
Bobina / Reel	50 metri / meter



PAD011.00

Nastro biadesivo, ottima aderenza e resistenza
Double-sided tape, excellent adherence and resistance

Spessore / Thickness	0.115 mm
Larghezza / Width	10 mm
Bobina / Reel	55 metri / meter



PAD012.00

Nastro biadesivo, ottima aderenza e resistenza
Double-sided tape, excellent adherence and resistance

Spessore / Thickness	0.115 mm
Larghezza / Width	8 mm
Bobina / Reel	55 metri / meter



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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



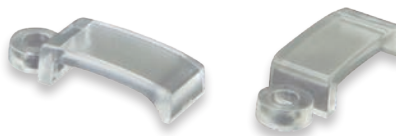
SUP095.01

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



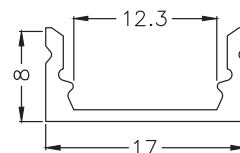
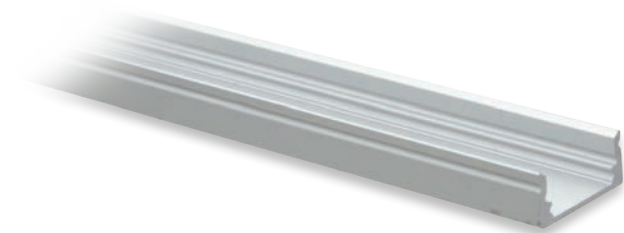
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PRA01E

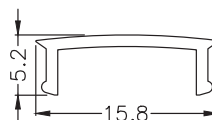
Profilo in alluminio | Aluminium profiles



Codice / Code	Lunghezza / Length	Finitura / Finishing
PRA01E.2000.005	200 cm	Satinato / Satin silver

PRP001

Profilo diffusore in PMMA | PMMA diffuser profiles



Codice / Code	Inserimento / Insertion	Lunghezza / Length	Finitura / Finishing
PRP001.2000.10	Pressione / Push-in	200 cm	Trasparente / Transparent
PRP001.2000.11			Satinato / Frosted
PRP001.2000.12			Opale / Opal

PIA003

Piastrina di chiusura | Closing plate



Codice / Code	Foro uscita cavi / Cable exit hole
PIA003.03	2.5 x 4.5 mm
PIA003.04	/

RAC005.00

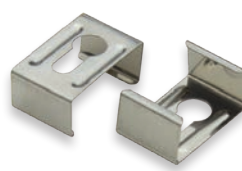
Raccordo angolare | Angular connection



Codice / Code	Foro per viti / Hole for screws
RAC005.00	Ø 3.5 mm

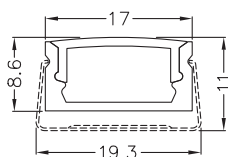
MOL051.00

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	Profilo diffusore / Diffuser profile	Piastrina di chiusura / Closing plate	Raccordo angolare / Angular connection	Molla di fissaggio / Fixing spring
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PRA01E...

PRP001...

PIA003...

RAC005.00

MOL051.00

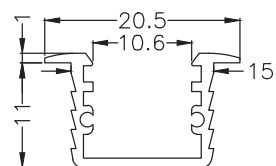
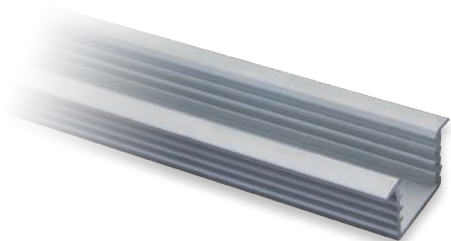
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PRA02E

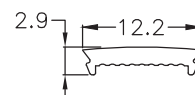
Profilo in alluminio | *Aluminium profiles*



Codice / Code	Lunghezza / Length	Finitura / Finishing
PRA02E.2000.005	200 cm	Satinato / <i>Satin silver</i>

PRP003

Profilo diffusore in PMMA | *PMMA diffuser profiles*




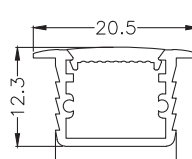
Codice / Code	Inserimento / Insertion	Lunghezza / Length	Finitura / Finishing
PRP003.2000.00			Trasparente / <i>Transparent</i>
PRP003.2000.01	Pressione / <i>Push-in</i>	200 cm	Satinato / <i>Frosted</i>
PRP003.2000.02			Opale / <i>Opal</i>

PIA004

Piastrina di chiusura | *Closing plate*



Codice / Code	Foro uscita cavi / Cable exit hole
PIA004.00	3.5 x 5.5 mm
PIA004.01	/

Esempio assemblato / Assembled example	Profilo / Profile	Profilo diffusore / Diffuser profile	Piastrina di chiusura / Closing plate	Molla di fissaggio / Fixing spring
 	PRA02E...	PRP003...	PIA004...	/

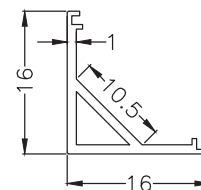
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PRA04X

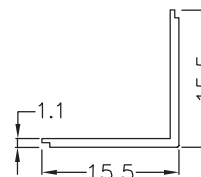
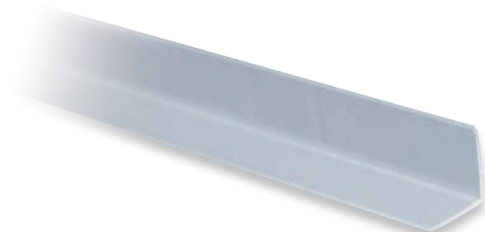
Profilo in alluminio | Aluminium profiles



Codice / Code	Lunghezza / Length	Finitura / Finishing
PRA04X.2000.005	200 cm	Satinato / Satin silver

PRP004

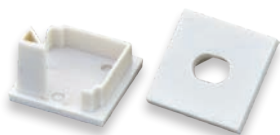
Profilo diffusore in PMMA | PMMA diffuser profiles



Codice / Code	Inserimento Insertion	Lunghezza Length	Finitura Finishing
PRP004.2000.00	Pressione Push-in	200 cm	Satinato / Frosted
PRP004.2000.02			Opale / Opal

PIA005

Squadretta di chiusura | Closing plate




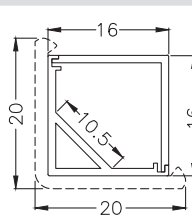
Codice Code	Foro uscita cavi Cable exit hole
PIA005.00	/
PIA005.01	4 x 6 mm

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	Profilo diffusore Diffuser profile	Piastrina di chiusura Closing plate	Molla di fissaggio Fixing spring
 	PRA04X...	PRP004...	PIA005...	MOL052

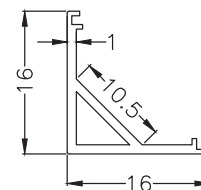
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PRA08X

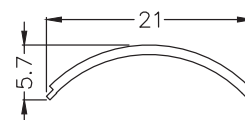
Profilo in alluminio | Aluminium profiles



Codice / Code	Lunghezza / Length	Finitura / Finishing
PRA08X.2000.005	200 cm	Satinato / Satin silver

PRP008

Profilo diffusore in PMMA | PMMA diffuser profiles



Codice / Code	Inserimento Insertion	Lunghezza Length	Finitura Finishing
PRP008.2000.01	Pressione Push-in	200 cm	Satinato / Frosted
PRP008.2000.02			Opale / Opal

PIA008

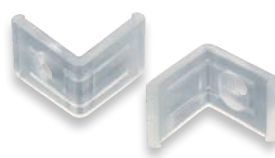
Piastrina di chiusura | Closing plate




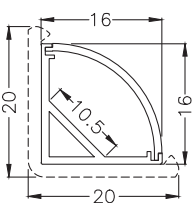
Codice Code	Foro uscita cavi Cable exit hole
PIA008.00	/
PIA008.01	4.2 x 3 mm

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	Profilo diffusore Diffuser profile	Piastrina di chiusura Closing plate	Molla di fissaggio Fixing spring
 	PRA04X...	PRP008...	PIA008...	MOL052

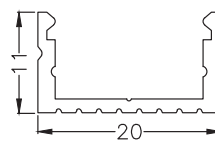
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PRA10X

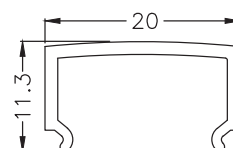
Profilo in alluminio | Aluminium profiles



Codice / Code	Lunghezza / Length	Finitura / Finishing
PRA10X.2000.005	200 cm	Satinato / Satin silver

PRP010

Profilo diffusore in PMMA | PMMA diffuser profiles



Codice / Code	Inserimento / Insertion	Lunghezza / Length	Finitura / Finishing
PRP010.2000.00			Trasparente / Transparent
PRP010.2000.01	Pressione / Push-in	200 cm	Satinato / Frosted
PRP010.2000.02			Opale / Opal

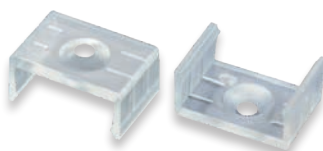
PIA011

Pisatrina di chiusura | Closing plate


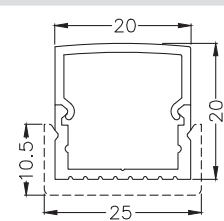


MOL053

Molla di fissaggio | Fixing spring



Codice / Code	Foro uscita cavi / Cable exit hole	Codice / Code	Materiale / Material	Fissaggio / Fixing	Foro per viti / Hole for screws
PIA011.00	/	MOL053.00	PC trasparente / Transparent PC	Vite / Screw	Ø 3.6 mm
PIA011.01	3 x 4.3 mm				

Esempio assemblato / Assembled example	Profilo / Profile	Profilo diffusore / Diffuser profile	Piastrina di chiusura / Closing plate	Molla di fissaggio / Fixing spring
 	PRA10X...	PRP010...	PIA011...	MOL053

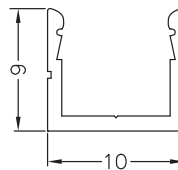
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PRA17X

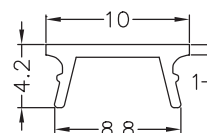
Profilo in alluminio | Aluminium profiles



Codice / Code	Lunghezza / Length	Finitura / Finishing
PRA17X.2000.002	200 cm	Anodizzato nero / Black anodized
PRA17X.2000.005		Anodizzato / Anodized

PRP017

Profilo diffusore in PMMA | PMMA diffuser profiles



Codice / Code	Inserimento Insertion	Lunghezza Length	Finitura Finishing
PRP017.2000.02	Pressione Push-in	200 cm	Opale / Opal

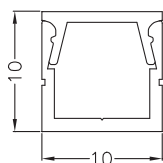
PIA017

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	Profilo diffusore Diffuser profile	Piastrina di chiusura Closing plate	Molla di fissaggio Fixing spring
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PRA17X...

PRP017...

PIA017...

/

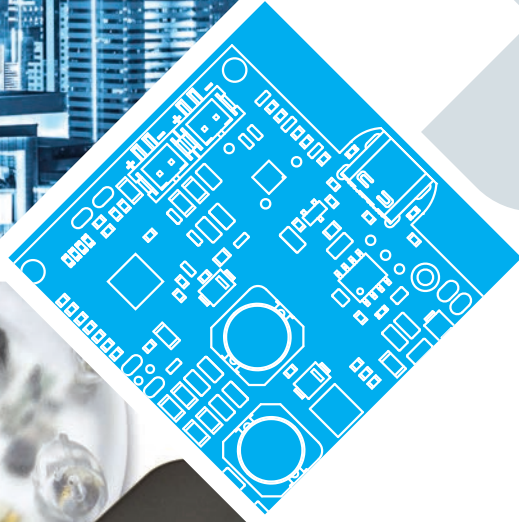
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06

Electronica di controllo
Control electronics



Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

Ingresso tensione costante / Constant voltage input	
Uscita tensione costante / Constant voltage output	
Ingresso corrente costante / Constant current input	
Tensione di rete 110~120Vac / 110~120Vac main voltage	
Tensione di rete 220~240Vac / 220~240Vac main voltage	
Per controller RGB / For RGB controller	
Grado di protezione IP20 / IP20 international protection	
Dimmerabile / Dimmable	
Sensore Touch / Touch sensor	
Pulsante meccanico / Push button	
Dimmer da pavimento / Foot dimmer	
Sensore PIR / PIR sensor	
Sensore IR / IR sensor	
Sensore a molla / Spring sensor	
Telecomando RF / RF remote control	
USB Type-C	
USB Type-A	
DC-plug	
Carica cellulare / Mobile phone charging	
Ordine minimo / Minimum order	

Tolleranze | Tolerances

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

Alimentatore/Driver | Power supply unit/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.

Temperatura d'esercizio | Working temperature

Tmax: da verificare sull'applicazione finale misurata sul t_c indicato nel disegno tecnico.

Tmax: to be tested on final application measured at the circuit t_c shown in the technical drawings.

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.

Indice capitolo | Chapter contents

Elettronica di controllo / Control electronics

Controller in tensione costante / Constant voltage controller



215 › 217

Sensori e dimmer / Sensors and dimmers

218 › 234

CTF001.00

RGB controller con uscita in tensione costante
RGB controller with constant voltage output



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

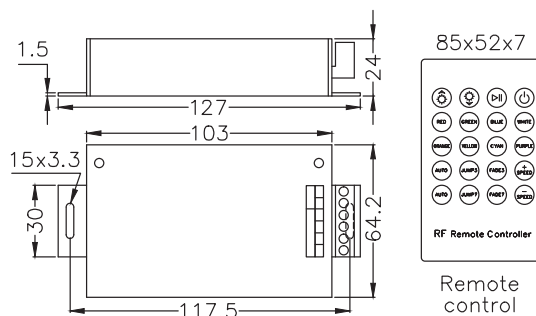
Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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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.

Schema di collegamento / *Wiring layout* | **Cap. 12**

CTF002.01

RGB controller con uscita in tensione costante
RGB controller with constant voltage output



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

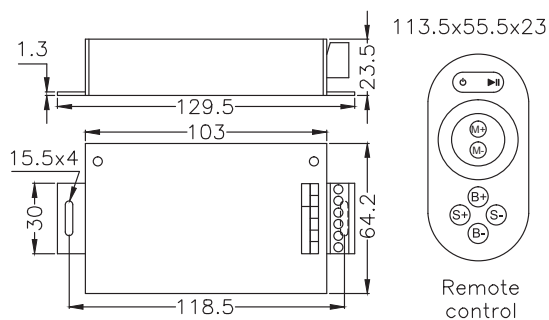
Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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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.


Schema di collegamento / *Wiring layout* | **Cap. 12**

CTA001.00

Amplificatore di segnale per RGB controller
Amplifier for RGB controller



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering 



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DMX001.00

RGB Controller DMX 512 con uscita in tensione costante
RGB DMX 512 controller with constant voltage output



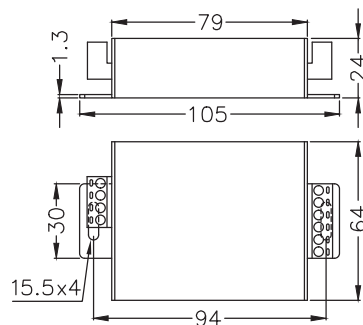
Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A x 3ch
Max Load (W)	144W (12V) / 288W (24V)

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering 



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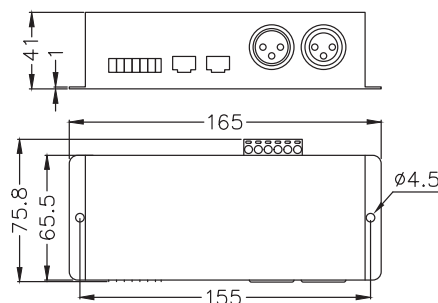
www.easrl.com



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.

Schema di collegamento / Wiring layout | **Cap. 12**



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.

Schema di collegamento / Wiring layout | **Cap. 12**

CTT008.01

Control dimmer in tensione costante
Constant voltage control dimmer



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	12A x 1ch
Max Load (W)	144W (12V) / 288W (24V)

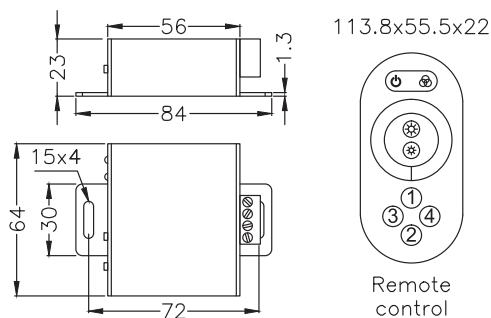
Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Per strip LED e schede LED monocolori, 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.

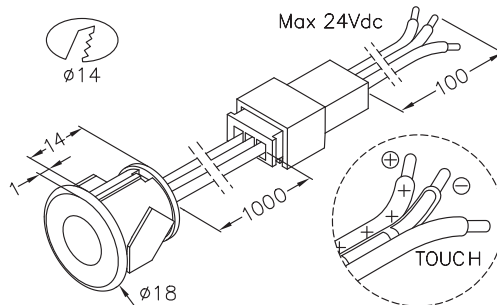
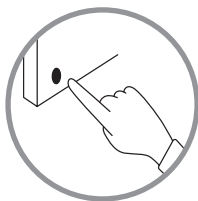
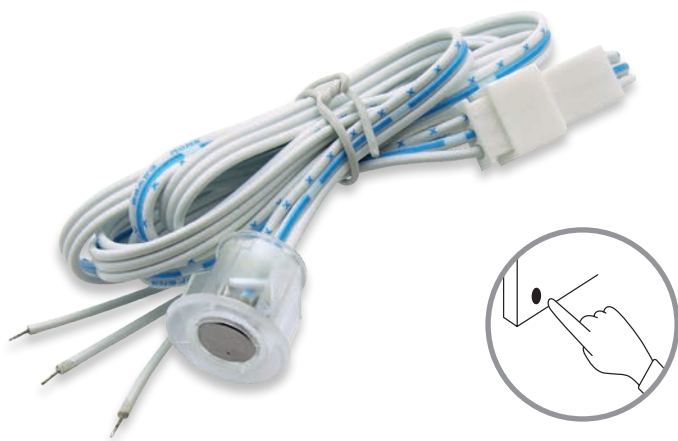
Available functions:

- 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.

Schema di collegamento / Wiring layout | Cap. 12

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 indicator, 100 cm + 10 cm cable with connector.

Schema di collegamento / Wiring layout | Cap. 12

Input (Vdc) 3~24V

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering

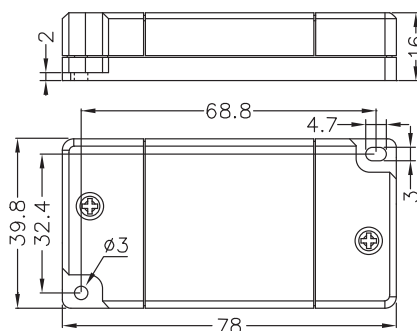


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CTT027.00

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.

Schema di collegamento / Wiring layout | Cap. 12

Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	6.25A x 1ch
Max Load (W)	75W (12V) / 150W (24V)

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering

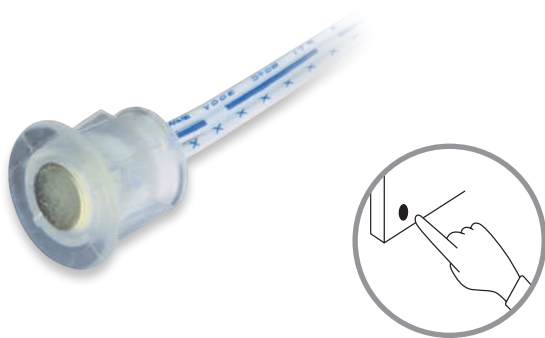


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CTT002.01

Mini control dimmer in tensione costante
Constant voltage mini control dimmer



Input (Vdc)	12V
Output (Vdc)	12V
Max Load (A)	1A
Max Load (W)	12W

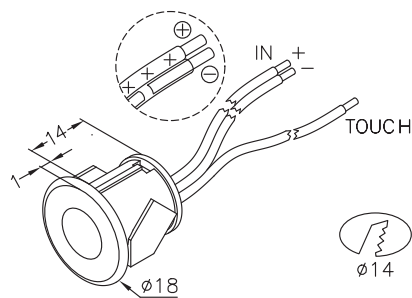
Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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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.

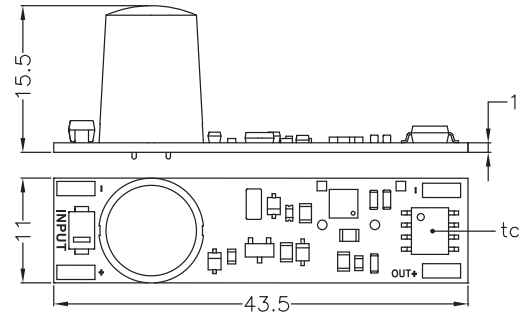
Touch sensor with integrated Blue LED.

Functions: ON-OFF switch and 0/100 % dimmer.

Schema di collegamento / Wiring layout | **Cap. 12**

MDT02BP

Elettronica di controllo con sensore di presenza "PIR"
Control electronics with "PIR" motion sensor



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	5A
PCB	FR4 1 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Auto dissipata ≤3A / Self dissipated ≤3A
Dimensioni / Dimensions	43.5 x 11 mm x h 15.5 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(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		✓	✓		✓	

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



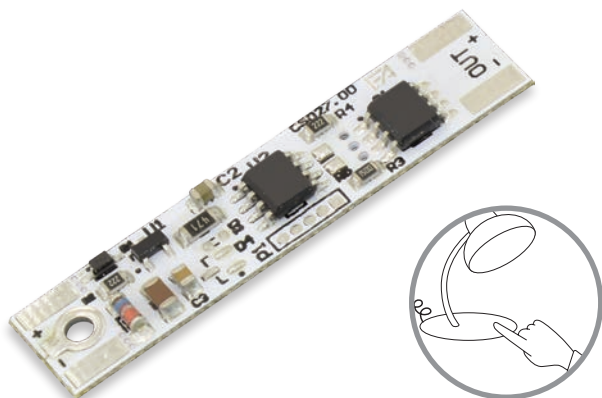
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CTT007

Dimmer capacitivo metal touch
Capacitive metal touch dimmer



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	5A
PCB	FR4 0.8 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Auto dissipata ≤3A / Self dissipated ≤3A
Dimensioni / Dimensions	44 x 10 mm x h 2.7 mm

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CTT007 | **XXXXX**

① | 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				①	②
0400B	✓		✓			50%			
0401B	✓		✓			3/25/50%			✓
0402B	✓		✓		✓			✓	
0403B		✓		✓					
0404B	✓		✓						
0411B		✓		✓	✓			✓	
0415B		✓		✓		50%			
0416B		✓		✓		50%	>12 h		✓
0417B	✓		✓		✓		>12 h	✓	✓
0420B					✓			✓	✓
0425B		✓		✓		50%			✓
0426B	✓		✓		✓			✓	✓

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Pad termico
Thermal pad

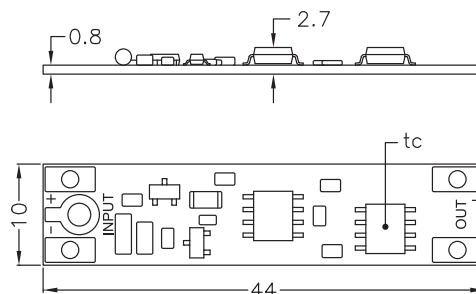


Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



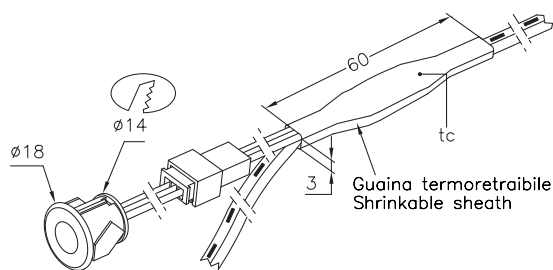
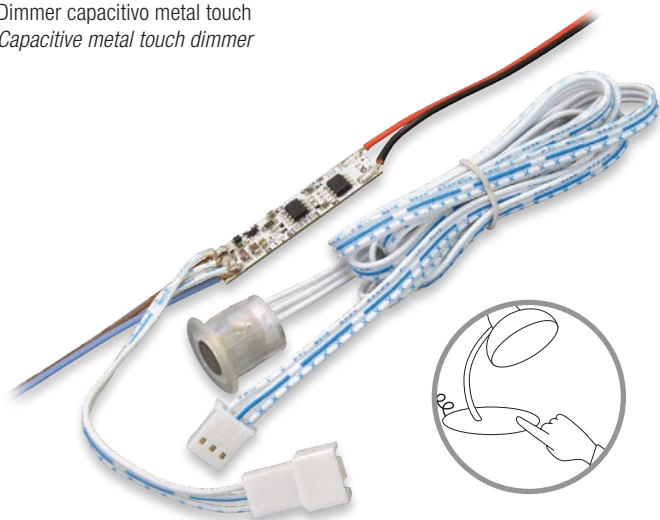
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CTT007_W7004

Dimmer capacitivo metal touch
Capacitive metal touch dimmer



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	5A
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Auto dissipata ≤3A / Self dissipated ≤3A
Dimensioni / Dimensions	Vedi disegno tecnico / See technical drawing

Composizione codice ordine standard

(Con cavi, senza pad termico e altri accessori)

Standard order code composition

(With cables, without thermal pad and other accessories)

CTT007 | **XXXXX** | **W7004**

① | ② | ①

① Codice fisso / Fixed code CTT007_W7004

② Funzioni Functions	ON		OFF		Dimmer 5~100%	Dimmer Step	Auto Power OFF	Status Memory	
	Soft	Fast	Soft	Fast				①	②
0400B	✓		✓			50%			
0401B	✓		✓			3/25/50%			✓
0402B	✓		✓		✓			✓	
0403B		✓		✓					
0404B	✓		✓						
0411B		✓		✓	✓			✓	
0415B		✓		✓		50%			
0416B		✓		✓		50%	>12 h		✓
0417B	✓		✓		✓		>12 h	✓	✓
0420B					✓			✓	✓
0425B		✓		✓		50%			✓
0426B	✓		✓		✓			✓	✓

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Cavo
Cable



Cap. / Ch. 10

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



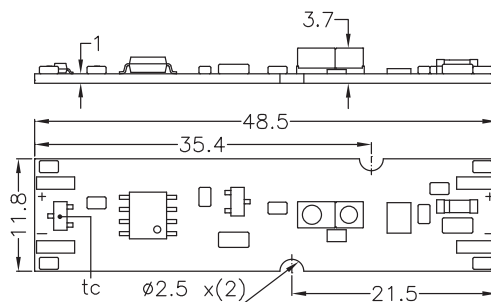
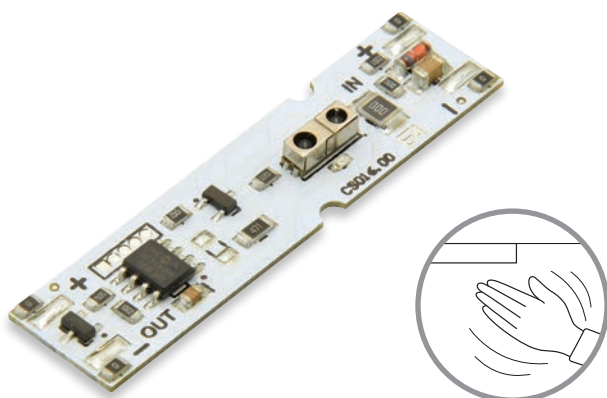
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CTT003

Dimmer con sensore IR
Dimmer with IR sensor



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	2A
PCB	FR4 1 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Auto dissipata ≤2A / Self dissipated ≤2A
Dimensioni / Dimensions	48.5 x 11.8 mm x h 3.7 mm

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)



① Codice fisso / Fixed code CTT003

② Funzioni Functions	ON		OFF		Dimmer 5~100%	Status Memory		Inverted logic function ③
	Soft	Fast	Soft	Fast		①	②	
0301B	✓		✓		✓	✓		
0302B	✓		✓					
0303B		✓		✓				
0304B	✓		✓					✓
0306B		✓		✓			✓	
0307B		✓		✓	✓	✓		
0309B	✓		✓		✓	✓	✓	

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

③ 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.

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

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.

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



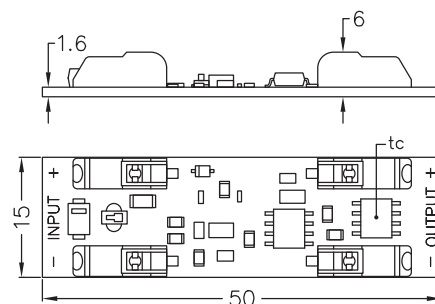
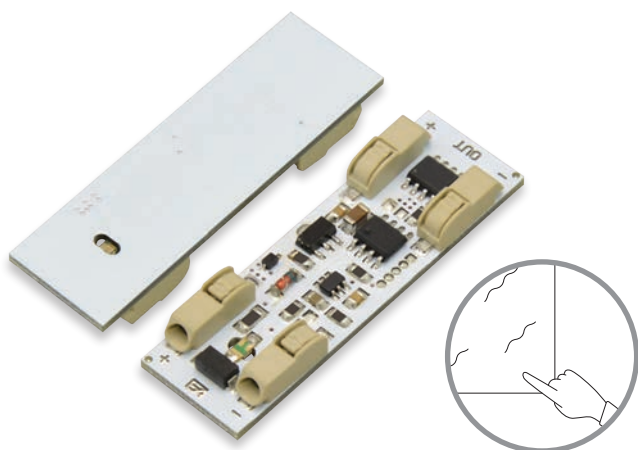
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CTT010

Dimmer touch per vetro
Dimmer with IR sensor



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	4A
PCB	FR4 1 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Auto dissipata ≤3A / Self dissipated ≤3A
Dimensioni / Dimensions	50 x 15 mm x h 6 mm

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CTT010 . XXXXX

① Codice fisso / Fixed code CTT010

② Funzioni Functions	ON		OFF		Dimmer 5~100%	Dimmer Step	Status Memory	
	Soft	Fast	Soft	Fast			①	②
0600B		✓		✓	✓		✓	
0601B	✓		✓		✓		✓	
0602B		✓		✓		3/25/50%		
0603B		✓		✓				
0604B	✓		✓					
0605B	✓		✓			3/25/50%		

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



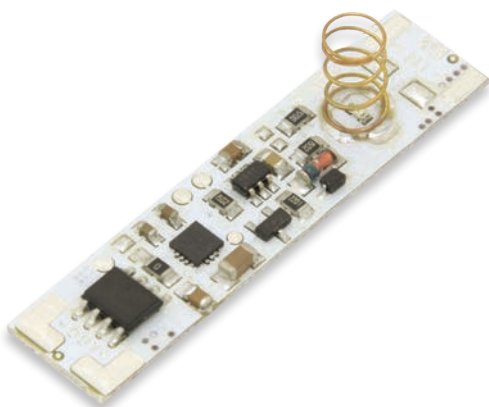
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CTT015EBM

Dimmer touch a molla con sensore di prossimità
Proximity dimmer touch with spring



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	5A
PCB	FR4 1 mm
Tmax	+65°C
t_a	-20°C ~ +40°C
Dissipazione / Dissipation	Auto dissipata ≤3A / Self dissipated ≤3A
Dimensioni / Dimensions	43.5 x 10.5 mm - h 2.5 mm (con molla/with spring: h 12 mm)

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CTT015EBM | **XXXXX**

① | ②

① **Codice fisso / Fixed code** CTT015EBM

② Funzioni / Functions	ON		OFF		Dimmer 5~100%	Dimmer Step	Auto Power OFF	Status Memory	
	Soft	Fast	Soft	Fast				①	②
1600B	✓		✓						
1601B	✓		✓		✓			✓	✓
1602B		✓		✓			>12 h		✓
1603B		✓		✓	✓			✓	✓
1607B		✓		✓		5/33/66%	>12 h		✓

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Pad termico
Thermal pad

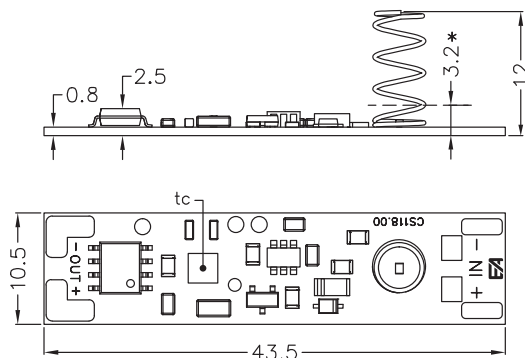


Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



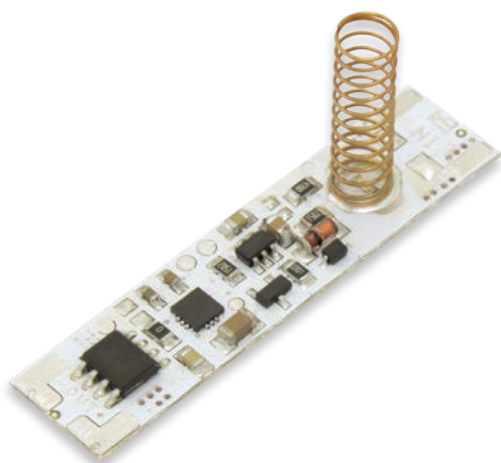
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CTT015FBM

Dimmer touch a molla con sensore di prossimità
Proximity dimmer touch with spring



Input (Vdc)	12-24V
Output (Vdc)	12-24V
Max Load (A)	5A
PCB	FR4 1 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Auto dissipata ≤3A / Self dissipated ≤3A
Dimensioni / Dimensions	43.5 x 10.5 mm - h 2.5 mm (con molla/with spring: h 19 mm)

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)

CTT015FBM . XXXXX

① Codice fisso / Fixed code CTT015FBM

② Funzioni Functions	ON		OFF		Dimmer 5~100%	Dimmer Step	Auto Power OFF	Status Memory	
	Soft	Fast	Soft	Fast				①	②
1600B	✓		✓						
1601B	✓		✓		✓			✓	✓
1602B		✓		✓			>12 h		✓
1603B		✓		✓	✓			✓	✓
1607B		✓		✓		5/33/66%	>12 h		✓

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Pad termico
Thermal pad

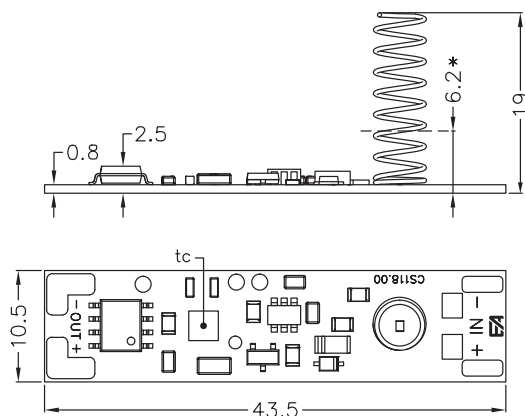


Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10



Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



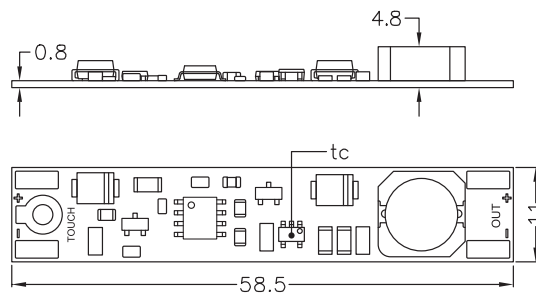
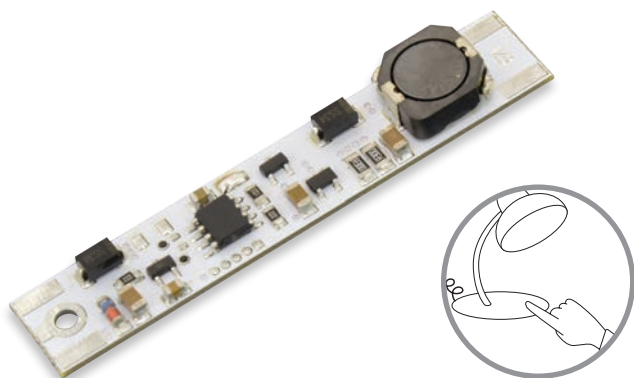
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CTC005

Dimmer capacitivo metal touch
Capacitive metal touch dimmer



Input (Vdc)	12-24V
Output (CC)	350mA, 500mA, 700mA
Max Load (V / W)	21.6V / 15W
PCB	FR4 0.8 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Non auto dissipata / Not self dissipated
Dimensioni / Dimensions	58.5 x 11 mm x h 4.8 mm

Composizione codice ordine standard

(Senza cavi, pad termico, LED di indicazione stato e altri accessori)

Standard order code composition

(Without cables, thermal pad, LED status indicator and other accessories)



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		①	②
0502	✓		✓		✓	✓	
0505		✓		✓	✓	✓	✓
0510	✓		✓				✓
0516		✓		✓			

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



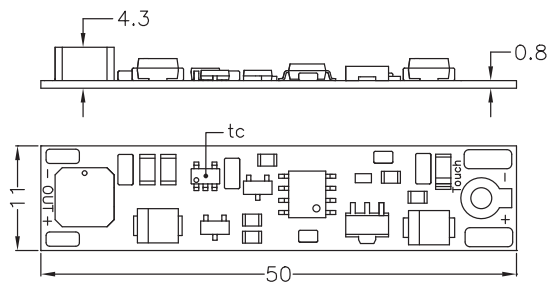
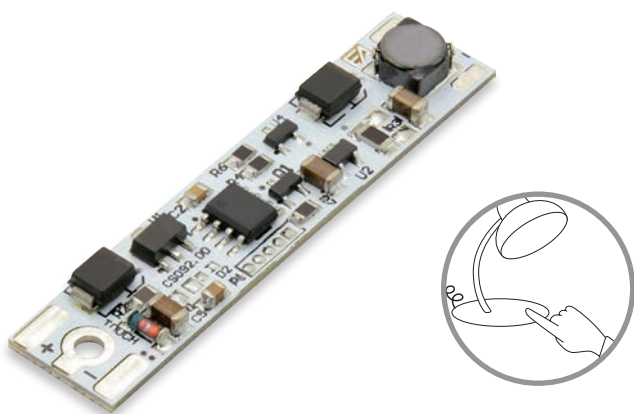
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CTC006

Dimmer capacitivo metal touch
Capacitive metal touch dimmer



Input (Vdc)	12-24V
Output (CC)	350mA, 500mA
Max Load (V / W)	21.6V / 10.8W
PCB	FR4 0.8 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Non auto dissipata / Not self dissipated
Dimensioni / Dimensions	50 x 11 mm x h 4.3 mm

Composizione codice ordine standard

(Senza cavi, pad termico, LED di indicazione stato e altri accessori)

Standard order code composition

(Without cables, thermal pad, LED status indicator and other accessories)



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	
					①	②
1100	✓	✓				
1101	✓	✓	✓		✓	
1104	✓	✓		50%		✓
1105	✓	✓	✓		✓	✓
1106	✓	✓		25/60%		✓

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Pad termico
Thermal pad



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico

To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | Cap. 12

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



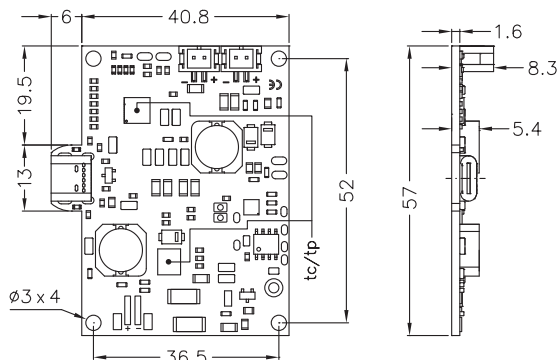
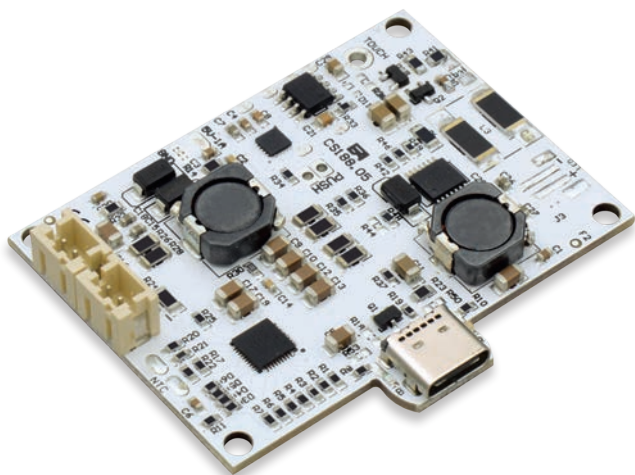
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CTC011A

Scheda elettronica di controllo multifunzione e caricabatteria
Multifunction electronic control board and battery charger



Input (Vdc)	5V
Output (CC)	200mA, 350mA, 500mA
Max Load (V / W)	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
Dissipazione / Dissipation	Auto dissipata / Self dissipated
Dimensioni / Dimensions	57 x 40.8 mm x h 8.3 mm

Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale misurata sul t_c / t_p indicato sul disegno tecnico
To be tested on final application measured on the t_c / t_p shown on technical drawing

Schema di collegamento / Wiring layout | **Cap. 12**

Composizione codice ordine standard

(Senza cavi, pad termico e altri accessori)

Standard order code composition

(Without cables, thermal pad and other accessories)



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
700mA	700

④ Funzioni Functions	ON Soft	OFF Soft	Dimmer 5~100%	Status Memory ①
2700C	✓	✓	✓	✓
2701C	✓	✓		

① Memoria ultima funzione / Last function memory

Accessori / Accessories

ALS005015.260



Cap. / Ch. 09

CAV020.00



Cap. / Ch. 10

CAV021.00



Cap. / Ch. 10

BAT005.00



Cap. / Ch. 11

BAH.001.00



Cap. / Ch. 11

CNT033.01



Cap. / Ch. 11

CNT24.SK.WW.SI.018



Cap. / Ch. 11

CNT02.SK.WW.BL.015



Cap. / Ch. 11

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



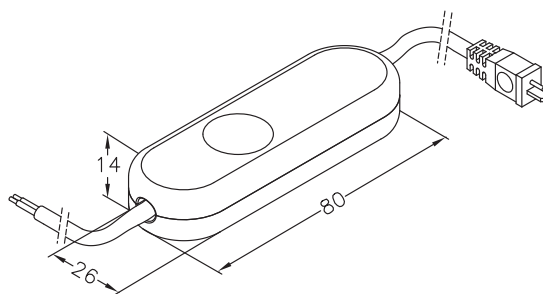
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INT06

Interruttore elettronico con sensore touch
Touch sensor electronic switch



Composizione codice ordine standard

(Assemblato con case nero, cavo nero, senza LED di indicazione stato e altri accessori)

Standard order code composition

(Assembled with black case, black cable, without LED status indicator and other accessories)

INT06 | **XXX** | **BE** | **XXXX** | **X** | **Q9004**

① | ② | ① | ③ | ① | ①

① Codice fisso / Fixed code INT06_BE_X.Q9004

② Output

	350mA	I35
CC Output	500mA	I50
	700mA	I70
CV Output	24Vdc	V24

③ Funzioni Functions

	ON		OFF		Dimmer 5~100%	Status Memory	
	Soft	Fast	Soft	Fast		①	②
CC Output	2600	✓		✓	✓	✓	
	2601		✓		✓	✓	
	2602	✓		✓			
	2603		✓		✓		
CV Output	2900	✓		✓	✓	✓	
	2901		✓		✓	✓	
	2902	✓		✓			
	2903		✓		✓		

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Bianco
White



Trasparente
Transparent



Smontato
Unassembled



Connettore maschio 2 poli DIN +/-
2-pole DIN +/- male connector



Cap. / Ch. 11

Alimentatore a spina integrata
Wall impunt power supplies



Cap. / Ch. 09

Cavo
Cable



Cap. / Ch. 10

CC output

Input (Vdc)	12-24V
Output (CC)	350mA, 500mA, 700mA
Max Load (V / W)	21.6V / 15W

CV output

Input (Vdc)	12-24V
Output (Vdc)	12-24V
Power max (W)	72W

Tmax +50°C

ta -10°C ~ +35°C

Sezione cavi
Cable section

2 x 0.5 mm² / 2 x 0.75 mm²

Materiale / Material

PC

Dimensioni / Dimensions

80 x 26 mm - h 14 mm

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale

To be tested on final application

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



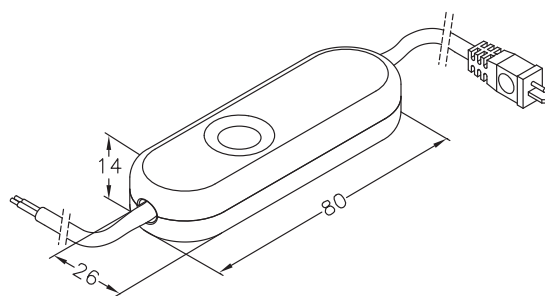
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INT07

Interruttore elettronico con pulsante meccanico
Push button electronic switch



Composizione codice ordine standard

(Assemblato con case nero, cavo nero, senza LED di indicazione stato e altri accessori)

Standard order code composition

(Assembled with black case, black cable, without LED status indicator and other accessories)

INT07 | **XXX** | **BE** | **XXXX** | **X** | **Q9004**

① Codice fisso / Fixed code INT07 _ BE _ X.Q9004

② Output

	350mA	I35
CC Output	500mA	I50
	700mA	I70
CV Output	24Vdc	V24

③ Funzioni Functions

	ON		OFF		Dimmer 5~100%	Status Memory	
	Soft	Fast	Soft	Fast		①	②
CC Output	2600	✓		✓	✓	✓	
	2601		✓		✓	✓	
	2602	✓		✓			
	2603		✓		✓		
CV Output	2900	✓		✓	✓	✓	
	2901		✓		✓	✓	
	2902	✓		✓			
	2903		✓		✓		

① Memoria ultima funzione / Last function memory

② Memoria da interruzione di alimentazione / Memory by supply interruption

Accessori / Accessories

Connettore maschio 2 poli DIN +/-
2-pole DIN +/- male connector



Cap. / Ch. 11

Alimentatore a spina integrata
Wall mpunt power supplies



Cap. / Ch. 09

Cavo
Cable



Cap. / Ch. 10

Smontato
Unassembled



CC output

Input (Vdc)	12-24V
Output (CC)	350mA, 500mA, 700mA
Max Load (V / W)	21.6V / 15W

CV output

Input (Vdc)	12-24V
Output (Vdc)	12-24V
Power max (W)	72W

Tmax	+50°C
ta	-10°C ~ +35°C

Sezione cavi Cable section	2 x 0.5 mm ² / 2 x 0.75 mm ²
-------------------------------	--

Materiale / Material	PC
----------------------	----

Dimensioni / Dimensions	80 x 26 mm - h 14 mm
-------------------------	----------------------

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale

To be tested on final application

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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DMPH1

Dimmer elettronico multifunzione da pavimento
Multifunction electronic floor dimmer



Input (Vac)	110V~220V
Output	Vdc
Power max (W)	@240Vac: 300W @100Vac: 150W
t_a	0°C ~ +35°C
LED indicazione stato LED status indicator	Colore blu, visibile solo nella versione trasparente Blue colour, visible only with transparent cover
Protezione / Protection device	Fusibile F 1.25A - 250V (sostituibile) Internal fuse F 1.25A - 250V (replaceable)
Sezione cavi Cable section	2 x 0.75 mm / 3 x 0.75
Materiale / Material	PC
Dimensioni / Dimensions	Ø 88 mm x h 35 mm

- Per lampade ad incandescenza, alogene, fluorescenti 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

Accessori / Accessories

Cover trasparente
Transparent cover



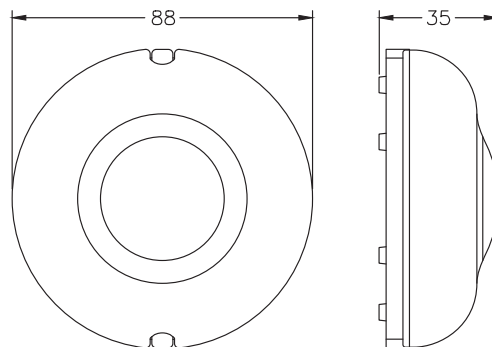
Cover bianca
White cover



Cover nera
Black cover



Cover oro
Gold cover



Temperatura d'esercizio / Working temperature (T_{max})

Da verificare sull'applicazione finale
To be tested on final application

Schema di collegamento / Wiring layout | **Cap. 12**

Composizione codice ordine standard

(Senza cavi e altri accessori)

Standard order code composition

(Without cables and other accessories)

DMPH1 | **XX** | **2000B**

① | ② | ①

① **Codice fisso / Fixed code** DMPH1_2000B

③ Cover / Cover

Trasparente / Transparent *	TS
Bianco / White	WS
Nero / Black	BS
Oro / Gold	GS

* LED di indicazione stato visibile solamente con cover trasparente
Status LED indicator visible only transparent cover

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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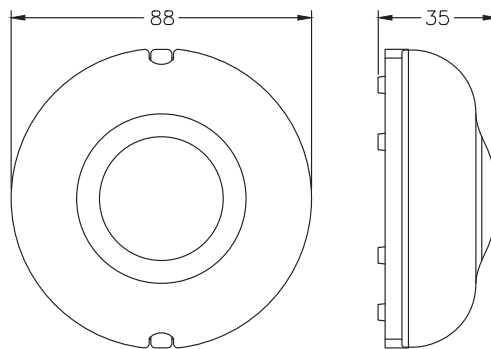


DMPL1

Dimmer elettronico multifunzione da pavimento
Multifunction electronic floor dimmer



CASAMBI



Composizione codice ordine standard

(Senza cavi e altri accessori)

Standard order code composition

(Without cables and other accessories)

DMPL1 | XX | XX | . | XXXXX
① | ② | ③ | | ④

① Codice fisso Fixed code	DMPL1 _ TS	③ Cover / Cover	
		Trasparente / Transparent	TS
		Bianco / White	WS
		Nero / Black	BS
		Oro / Gold	GS

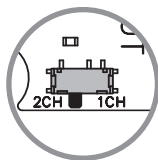
② Uscita / Output	
DC + CC (2 Ch)	A2
DC (2 Ch)	T2

④ Funzioni Functions	ON		OFF		Dimmer 5~100%	Tunable white	100/75/50/25/5% Soft Push>2s OFF	Status Memory	
	Soft	Fast	Soft	Fast				①	②
4400X	✓		✓		✓			✓	✓
④ 4401X		✓		✓	✓			✓	✓
4402X							✓	✓	✓
④ 4500X	✓		✓		✓			✓	
4520X						✓		✓	

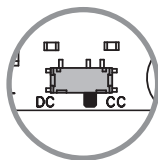
④ Versione / Version Standard - ④ Versione / Version CASAMBI®

① Memoria ultima funzione / Last function memory

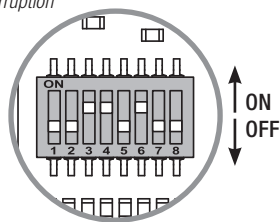
② Memoria da interruzione di alimentazione / Memory by supply interruption



Switch selezione canali
Channel setting switch



Switch selezione DC / CC
DC / CC setting switch



DIP-switch selezione corrente
Current settings DIP-switch



Attenzione

Eseguire tutti i cablaggi prima del collegamento alla rete
Verificare la corretta impostazione degli switch prima dell'accensione

Warning

Carry out all wiring before connecting to the mains voltage
Check the correct setting of the switches before switching on

Accessori / Accessories

Cover trasparente
Transparent cover



Cover bianca
White cover



Cover nera
Black cover



Cover oro
Gold cover



Switch setting CC output

Input (Vdc)	12V / 24V / 48V
Max Load (Vf)	10.8V / 21.6V / 43.2V
Output (CC) Ch1+Ch2	200mA~700mA
Output (CC) Solo/Only Ch1	800mA, 900mA

Switch setting DC output

Input (Vdc)	12V / 24V / 48V
Output (Vdc)	12V / 24V / 48V
Max Load (CC) Ch1+Ch2	6A (CASAMBI® max 5A)
Max Load (CC) Solo/Only Ch1	5A

Dimmerazione / Dimming	5% ~ 100%
t _a	-10°C ~ +40°C
Morsetteria / Terminal block	0.5mm ² ~1.5 mm ²
Materiale / Material	PC
Dimensioni / Dimensions	Ø 88 mm x h 35 mm

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	-	-	-	-	Solo/Only Ch1

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:

CC - 350mA / Factory default setting: CC - 350mA

1 canale (Ch1) max 900mA, 2 canali (Ch1+Ch2) max 700mA + 700mA

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



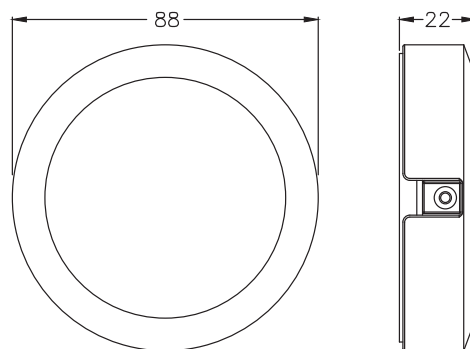
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DMPV1T2BS

Dimmer elettronico multifunzione da pavimento
Multifunction electronic floor dimmer



Input (Vdc)	12V / 24V
Output (Vdc)	12V / 24V
* Max Load (CC)	Ch1 5A / Ch1+Ch2 5A
t_a	-10°C ~ +40°C
Dimming	5% ~ 100%
Connections input	DC-plug femmina 5.5*2.1*10 Female 5.5*2.1*10 DC-plug
Connections output	Morsettiere push per cavi sezione 0.5mm ² ~1.5 mm ² Push terminal block for 0.5mm ² ~1.5 mm ² cable section
Material	PC
Dimensions	Ø 88 mm x h 22 mm

* 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

Temperatura d'esercizio / Working temperature (Tmax)

Da verificare sull'applicazione finale
To be tested on final application

Schema di collegamento / Wiring layout | Cap. 12



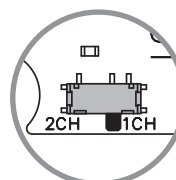
Attenzione

Eseguire tutti i cablaggi prima del collegamento alla rete
Verificare la corretta impostazione degli switch prima dell'accensione

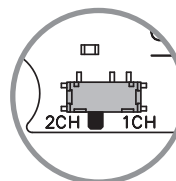
Warning

Carry out all wiring before connecting to the mains voltage
Check the correct setting of the switches before switching on

Switch settings



1 canale / 1 channel
Max 5A



2 canali / 2 channels
(Ch1+Ch2)
Max 5A

Composizione codice ordine standard

(Senza cavi e altri accessori)

Standard order code composition

(Without cables and other accessories)

DMPV1T2BS | . | **XXXXX**

1 | 2

1 Codice fisso / Fixed code

DMPV1T2BS

2 Funzioni Functions	ON Soft / OFF Soft Dimmer 5~100%	Memoria di stato Status memory	
		1	2
5900X	✓	✓	✓

Altre funzioni a richiesta / Other functions on request

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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07

Sistema QUICK-LED
QUICK-LED system




Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

Corrente costante / <i>Constant current</i>	
Angolo fascio luminoso / <i>Beam angle</i>	
Modulo LED da incorporare / <i>Built-in lighting module</i>	
Dimmerabile / <i>Dimmable</i>	
Materiale Ottone / <i>Brass material</i>	
Materiale Alluminio / <i>Aluminium material</i>	
Ordine minimo / <i>Minimum order</i>	

Indice capitolo | Chapter contents

Sistema QUICK-LED / <i>QUICK-LED system</i>	
Moduli LED / <i>LED modules</i>	237 › 238
Supporti e adattatori / <i>Supports and adapters</i>	239 › 251
Vetri decorativi / <i>Decorative glass</i>	252 › 253
Esempi di assemblaggio / <i>Assembly examples</i>	254 › 255

Driver | *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.

Temperatura d'esercizio | *Working temperature*

Tmax: da verificare sull'applicazione finale misurata nel punto più vicino al LED.

Tmax: to be tested on final application measured at the nearest point to the LED.

Tolleranze | *Tolerances*

Valori elettrici / *Electrical values* (@25°): ±10%

Dimensionali / *Dimensional*: ±0.15mm

Ø fori / *hole Ø*: ±0.1mm

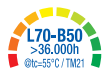
Note | *Notes*

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.

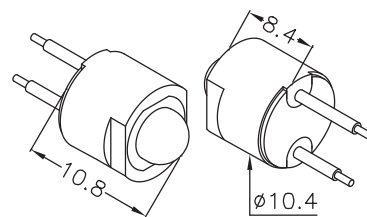
01XA03

Modulo LED a corrente costante
Constant current LED module



Im max
185

W max
1.7



Ø 10.4 mm
Dimensioni reali
Real size

Input	350mA, 500mA
V _f Max	3.3V
Max power	1.7W
Max lumen	185 lm
RA/CRI	CRI>80
R9	CRI 80 ≥ 0
CCT	2750K, 2950K, 3150K, 3950K, 5300K
Step MacAdam (SDCM)	5
Tipo LED / LED type	PROLIGHT®
Numero LED / LED q.ty	1
Angolo fascio luminoso Beam angle	130°
Tmax	+60°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Non auto dissipato / Not self dissipated
Dimensioni / Dimensions	Ø 10.4 mm - h 10.8 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Lenti
Lenses



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Supporti
Holders



Cap. / Ch. 07

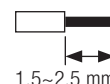
Vetri
Glasses



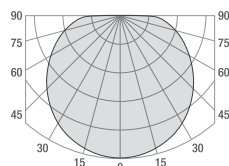
Cap. / Ch. 07

Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Curva tipica di distribuzione della luce Luminous intensity distribution



Composizione codice ordine standard

(Senza accessori, tipo e lunghezza cavo da definire)

Standard order code composition

(Without accessories, type and lenght cable to be defined)

01XA03 | **XXXXX** | **.XXXG** | **X**

① | ② | ① | ③

① Codice fisso / Fixed code 01XA03 _ XXXG

② CCT + SDCM (5) 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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



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Riferimenti normativi / Normative requirements
EN 62031 / EN 62471 / IEC TR 62778

01XB03

Modulo LED a corrente costante
Constant current LED module



Im max
185



W max
1.7



Ø 10.4 mm
Dimensioni reali
Real size

Input	350mA, 500mA
V _f Max	3.3V
Max power	1.7W
Max lumen	185 lm
RA/CRI	CRI>80
CCT	2750K, 2950K, 3150K, 3950K, 5300K
R9	CRI 80 ≥ 0
Step MacAdam (SDCM)	5
Tipo LED / LED type	PROLIGHT®
Numero LED / LED q.ty	1
Angolo fascio luminoso Beam angle	130°
Tmax	+60°C
t _a	-20°C ~ +40°C
Dissipazione / Dissipation	Non auto dissipato / Not self dissipated
Dimensioni / Dimensions	Ø 10.4 mm - h 24 mm

Temperatura d'esercizio / Working temperature (T_{max})

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

Accessori / Accessories

Lenti
Lenses



Cap. / Ch. 11

Cavo
Cable



Cap. / Ch. 10

Supporti
Holders

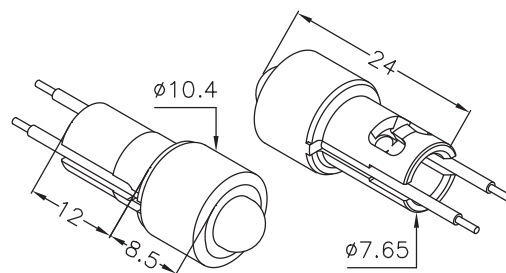


Cap. / Ch. 07

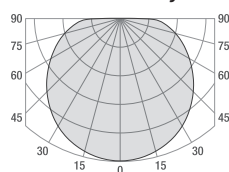
Vetri
Glasses



Cap. / Ch. 07

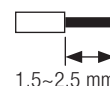


Curva tipica di distribuzione della luce Luminous intensity distribution



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Stranded conductor
0.25~0.75mm² / AWG24~AWG18



Composizione codice ordine standard

(Senza accessori, tipo e lunghezza cavo da definire)

Standard order code composition

(Without accessories, type and lenght cable to be defined)

01XB03 | **XXXXX** | **.XXXG** | **X**

① | ② | ① | ③

① Codice fisso / Fixed code 01XB03_XXXG

② CCT + SDCM (5) 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

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site

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Riferimenti normativi / Normative requirements

EN 62031 / EN 62471 / IEC TR 62778

SP0136

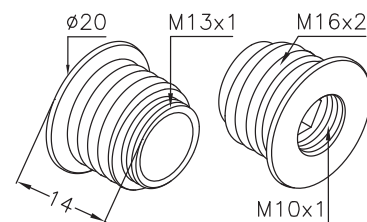
Supporto filettato M16x2
Threaded holder M16x2



Al



Codice / Code	Ø mm	h mm	Materiale / Material
SP0136.03	20	14	Alluminio / Aluminium



Da abbinare / To be combined with

Ghiera GH1018 o similare
GH1018 ring or similar

SP0137

Supporto con sede per molla
Holder with spring seat

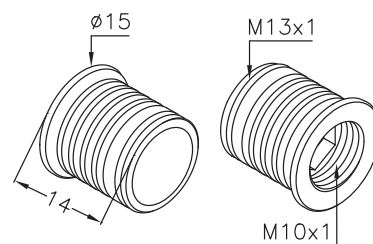


Ot

Al



Codice / Code	Ø mm	h mm	Materiale / Material
SP0137.00			Ottone / Brass
SP0137.03	15	14	Alluminio / Aluminium



Da abbinare / To be combined with

Ghiera GH1018 o similare e MOLA43
GH1018 ring or similar and MOLA43

SP0138

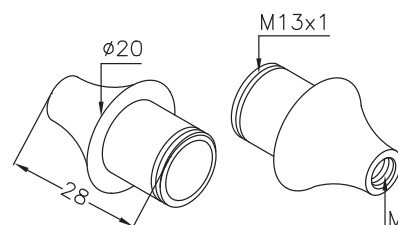
Supporto con sede per molla
Holder with spring seat



Ot



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 GH1018 o similare e MOLA43
GH1018 ring or similar and MOLA43

Schede tecniche complete sul nostro sito
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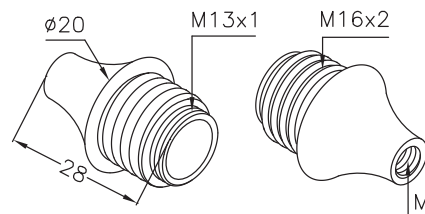
SP0139

Supporto decorativo filettato M16x2
Decorative holder threaded M16x2

0t



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0139.00	M 10x1			
SP0139.01	M 8x1	20	28	Ottone / Brass
SP0139.02	M 6x1			



Da abbinare / To be combined with

Ghiera GH1018 o similare
GH1018 ring or similar

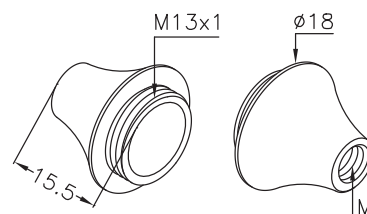
SP0142

Supporto decorativo
Decorative holder

0t



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0142.00	M 10x1			
SP0142.01	M 8x1	18	15.5	Ottone / Brass
SP0142.02	M 6x1			



Da abbinare / To be combined with

Ghiera GH1018 o vetri in cristallo VDC01 e VDC02
GH1018 ring or VDC01 or VDC02 crystal glass

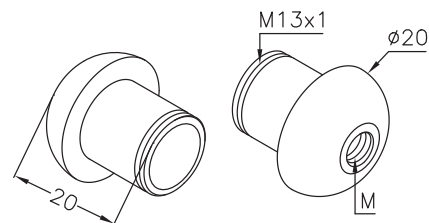
SP0143

Supporto decorativo
Decorative holder

0t



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0143.00	M 10x1			
SP0143.01	M 8x1	20	20	Ottone / Brass
SP0143.02	M 6x1			



Da abbinare / To be combined with

Ghiera GH1018 o similare e MOL043
GH1018 ring or similar and MOL043

Schede tecniche complete sul nostro sito
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SP0144

Supporto decorativo filettato M16x2
Decorative holder threaded M16x2

Ot



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0144.00	M 10x1			
SP0144.01	M 8x1	20	20	Ottone / Brass
SP0144.02	M 6x1			

SP0145

Supporto decorativo con sede per molla
Decorative holder with spring seat

Ot



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0145.00	M 10x1			
SP0145.01	M 8x1	20	17	Ottone / Brass
SP0145.02	M 6x1			

SP0146

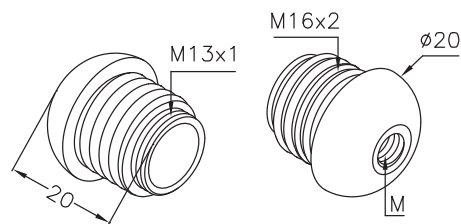
Supporto decorativo filettato M16x2
Decorative holder threaded M16x2

Ot

Al

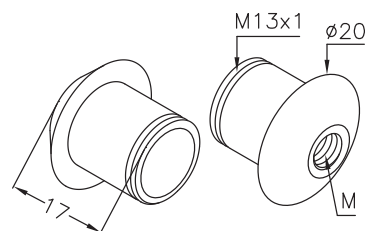


Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0146.00	M 10x1			
SP0146.01	M 8x1	20	17	Ottone / Brass
SP0146.02	M 6x1			
SP0146.03	M 10x1			
SP0146.04	M 8x1	20	17	Alluminio / Aluminium
SP0146.05	M 6x1			



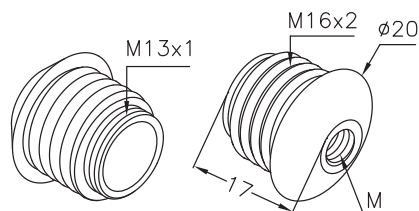
Da abbinare / To be combined with

Ghiera GHI018 o similare
GHI018 ring or similar



Da abbinare / To be combined with

Ghiera GHI018 o similare e MOLA043
GHI018 ring or similar and MOLA043



Da abbinare / To be combined with

Ghiera GHI018 o similare
GHI018 ring or similar

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SP0147

Supporto decorativo filettato M20.8x2
Decorative holder threaded M20.8x2

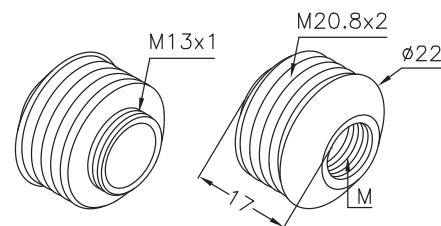


Ot

Al



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0147.00	M 10x1			
SP0147.01	M 8x1	22	17	Ottone / Brass
SP0147.02	M 6x1			
SP0147.03	M 10x1			
SP0147.04	M 8x1	22	17	Alluminio / Aluminium
SP0147.05	M 6x1			



Da abbinare / To be combined with

Ghiera GH1018 o similare
GH1018 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

SP0148

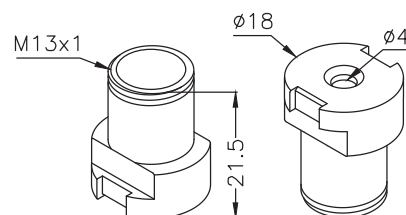
Adattatore G9 / G9 adapter



Al



Codice / Code	Ø mm	h mm	Materiale / Material
SP0148.03	18	21.5	Alluminio / Aluminium



Da abbinare / To be combined with

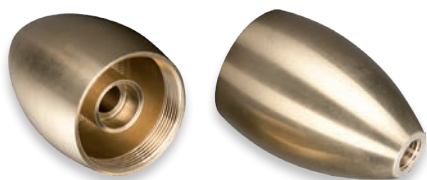
Ghiera GH1018 o similare / GH1018 ring or similar

Permette di sostituire il portalampana G9 con LED 1W e 2W, mantenendo la struttura esistente

Possibility to replace G9 lampholder with 1W or 2W LEDs on the existing structure

SP0150

Supporto decorativo
Decorative holder

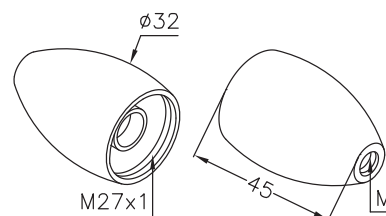


Ot

Al



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0150.01	M 8x1			Ottone / Brass
SP0150.04	M 8x1	32	45	Alluminio / Aluminium
SP0150.05	M 6x1			Alluminio / Aluminium



Da abbinare / To be combined with

Ghiera GH1025 e lente Ø 20 mm
GH1025 ring and Ø 20 mm lens

Potenza massima dissipata / Max. dissipated power
2W

Schede tecniche complete sul nostro sito
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SP0151

Supporto decorativo con uscita cavi laterale
Decorative holder with side cable exit



Ot



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0151.01	M 8x1	29	45/64	Ottone / Brass
SP0151.02	M 6x1			

SP0152

Adattatore per staffe R7s
R7s bracket adapter



Al



Codice / Code	Ø mm	h mm	Materiale / Material
SP0152.01	17.5	16.8	Alluminio / Aluminium

SP0153

Supporto decorativo
Decorative holder

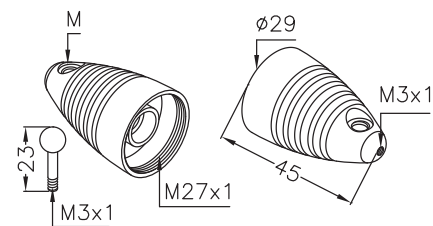


Ot

Al



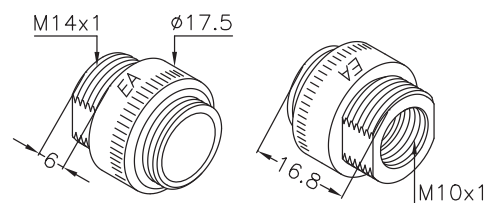
Codice / Code	Ø mm	h mm	Materiale / Material
SP0153.00			Ottone / Brass
SP0153.03	20	58.3	Alluminio / Aluminium



Da abbinare / To be combined with

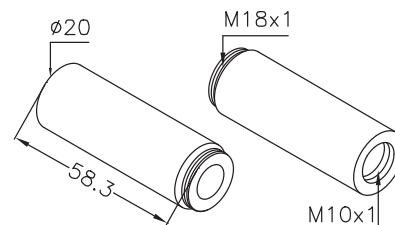
Ghiera GH1026 e lente Ø 20 mm
GH1026 ring and Ø 20 mm lens

Potenza massima dissipata / Max. dissipated power
2W



Da abbinare / To be combined with

Ghiera GH1018
GH1018 ring



Da abbinare / To be combined with

Ghiera GH1027 e lente Ø 16 mm
GH1027 ring and Ø 16 mm lens

Potenza massima dissipata / Max. dissipated power
2W

Schede tecniche complete sul nostro sito
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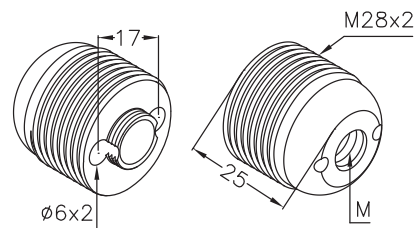


SP0154

Adattatore E14, filetto M28x2
E14 adapter, M28x2 thread



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 GH1018
GH1018 ring

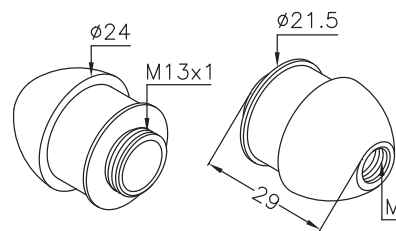
Potenza massima dissipata / Max. dissipated power
2W

SP0155

Supporto decorativo con sede per molla reggivetrol
Decorative holder with a seat for glass holding spring



Codice / Code	(M)	Ø mm	h mm	Materiale / Material
SP0155.00	M 10x1			
SP0155.01	M 8x1	24	29	Ottone / Brass
SP0155.02	M 6x1			



Da abbinare / To be combined with

Ghiera GH1018 o similare, MOL24 e MOL25
GH1018 ring or similar, MOL24 and MOL25

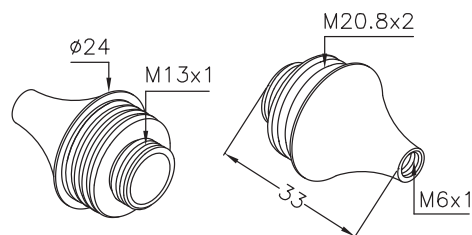
Permette di sostituire la struttura G9 esistente con LED 1W e 2W
Possibility to replace G9 existing structure with 1W or 2W LEDs

SP0156

Supporto decorativo filettato M20.8x2
Decorative holder threaded M20.8x2



Codice / Code	Ø mm	h mm	Materiale / Material
SP0156.02	24	33	Ottone / Brass



Da abbinare / To be combined with

Ghiera GH1018 / GH1018 ring

Permette di sostituire la struttura G9 esistente con LED 1W e 2W
Possibility to replace G9 existing structure with 1W or 2W LEDs

Schede tecniche complete sul nostro sito
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SP0157

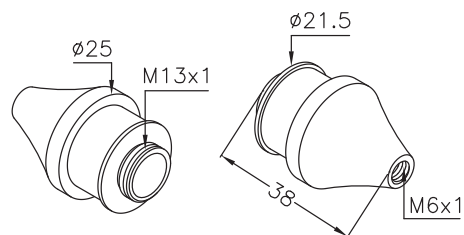
Supporto decorativo con sede per molla reggivetrol
Decorative holder with a seat for glass holding spring



Ot



Codice / Code	Ø mm	h mm	Materiale / Material
SP0157.02	25	38	Ottone / Brass



Da abbinare / To be combined with
Ghiera GH1018 o similare, MOL24 e MOL25
GH1018 ring or similar, MOL24 and MOL25

SP0159

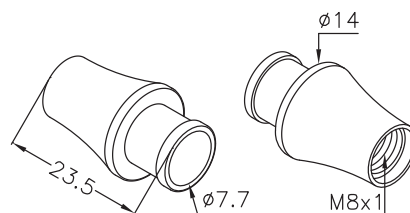
Supporto decorativo con sede per molla reggivetrol
Decorative holder with a seat for glass holding spring



Ot



Codice / Code	Ø mm	h mm	Materiale / Material
SP0159.00	14	23.5	Ottone / Brass



Da abbinare / To be combined with
MOL14

SP0162

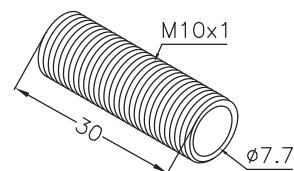
Supporto filettato M10x1
Holder M10x1 threaded



Al



Codice / Code	Ø mm	h mm	Materiale / Material
SP0162.00	/	30	Alluminio / Aluminium



Potenza massima dissipata / Max. dissipated power
1W

Schede tecniche complete sul nostro sito
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GHI018

Ghiera \varnothing 14.6 x h 4 mm
Ring \varnothing 14.6 x h 4 mm

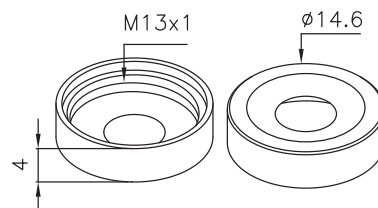


Ot

Al



Codice / Code	\varnothing 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

GHI019

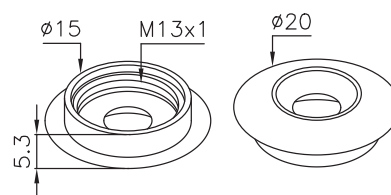
Ghiera decorativa \varnothing 20 x h 5.3 mm
Decorative ring \varnothing 20 x h 5.3 mm



Ot



Codice / Code	\varnothing 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

GHI020

Ghiera decorativa \varnothing 20 x h 4.3 mm
Decorative ring \varnothing 20 x h 4.3 mm

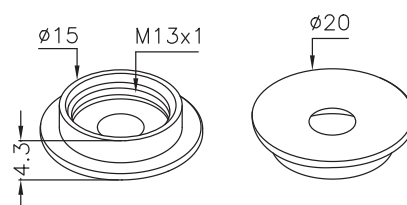


Ot

Al



Codice / Code	\varnothing 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

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GHI021

Ghiera decorativa Ø 20 x h 4.3 mm
Decorative ring Ø 20 x h 4.3 mm



Ot



Codice / Code	Ø mm	h mm	Angolo / Angle	Materiale / Material
GHI021.00	20	4.3	180°	Ottone / Brass

GHI022

Ghiera decorativa 20 x 20 x h 4.3 mm
Decorative ring 20 x 20 x h 4.3 mm



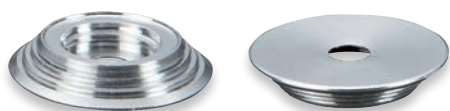
Ot



Codice / Code	mm	h mm	Angolo / Angle	Materiale / Material
GHI022.00				Ottone / Brass
GHI022.01	20 x 20	4.3	180°	Alluminio / Aluminium

GHI024

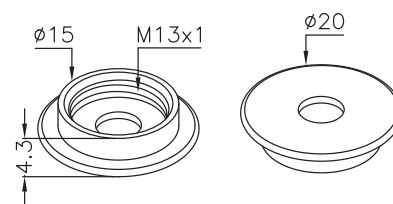
Ghiera decorativa Ø 26.9 x h 4.7 mm
Decorative ring Ø 26.9 x h 4.7 mm



Al



Codice / Code	Ø mm	h mm	Angolo / Angle	Materiale / Material
GHI024.01	26.9	4.7	172°	Alluminio / Aluminium

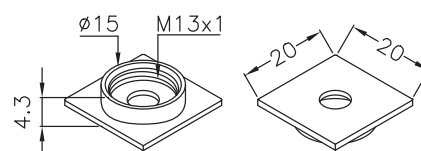


Abbinabile a / To be combined with

Supporti sistema QUICK-LED / QUICK-LED system support

Per bloccare / To lock

Modulo 01XA nella sua sede / 01XA module in its seat

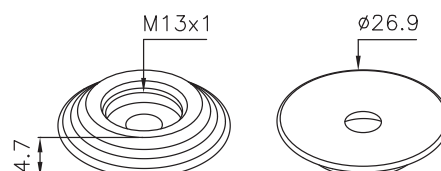


Abbinabile a / To be combined with

Supporti sistema QUICK-LED / QUICK-LED system support

Per bloccare / To lock

Modulo 01XA nella sua sede / 01XA module in its seat



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

Schede tecniche complete sul nostro sito
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GHI025

Ghiera \varnothing 29 x h 16 mm
Ring \varnothing 29 x h 16 mm

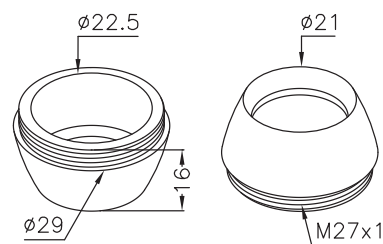


Ot

Al



Codice / Code	\varnothing mm	h mm	Angolo / Angle	Materiale / Material
GHI025.00	29	16	/	Ottone / Brass
GHI025.01				Alluminio / Aluminium



Per / For

Supporto SP0150 / SP0150 support

Per bloccare / To lock

Modulo 01XA nella sua sede / 01XA module in its seat

GHI026

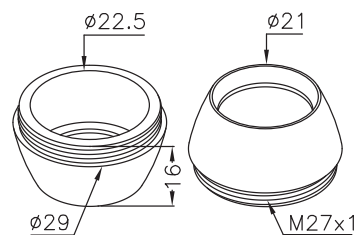
Ghiera \varnothing 29 x h 16 mm
Ring \varnothing 29 x h 16 mm



Ot



Codice / Code	\varnothing mm	h mm	Angolo / Angle	Materiale / Material
GHI026.00	29	16	/	Ottone / Brass



Per / For

Supporto SP0151 / SP0151 support

Per bloccare / To lock

Modulo 01XA nella sua sede / 01XA module in its seat

GHI027

Ghiera \varnothing 20 x h 15.7 mm
Ring \varnothing 20 x h 15.7 mm

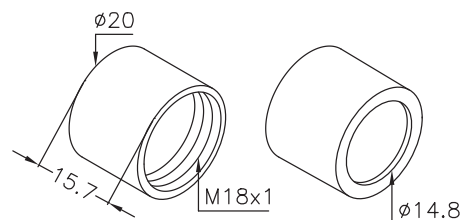


Ot

Al



Codice / Code	\varnothing mm	h mm	Angolo / Angle	Materiale / Material
GHI027.00	20	15.7	/	Ottone / Brass
GHI027.01				Alluminio / Aluminium



Per / For

Supporto SP0153 / SP0153 support

Per bloccare / To lock

Modulo 01XA e la lente nella sua sede
01XA module and the lens in its seat

Schede tecniche complete sul nostro sito
Complete datasheets on our web site

www.easrl.com

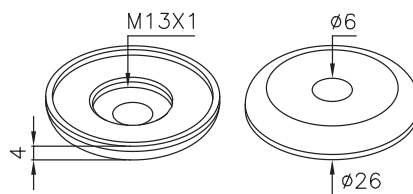


GHI028

Ghiera \varnothing 26 x h 4 mm
Ring \varnothing 26 x h 4 mm



Codice / Code	\varnothing mm	h mm	Angolo / Angle	Materiale / Material
GHI028.01	26	4	180°	Alluminio / Aluminium



Abbinabile a / *To be combined with*

Supporto SP0154 / *SP0154 support*

Per bloccare / *To lock*

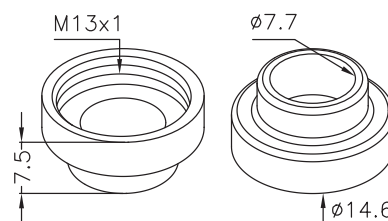
Modulo 01XA nella sua sede / *01XA module in its seat*

GHI030

Ghiera adattatore \varnothing 14.6 x h 7.5 mm
Adapter ring \varnothing 14.6 x h 7.5 mm



Codice / Code	\varnothing mm	h mm	Angolo / Angle	Materiale / Material
GHI030.00	14.6	7.5	/	Ottone / Brass



Per abbinare / *For combine*

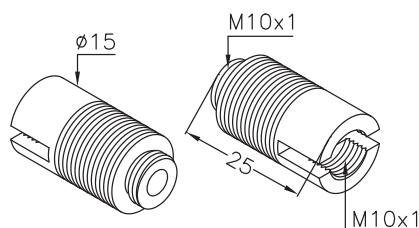
Modulo LED 01XB ai supporti decorativi
01XB LED module with decorative supports

SUP094.00

Supporto dissipatore modulare, filetto maschio-femmina M10x1
Modular heatsink holder, M10x1 male-female thread



Codice / Code	\varnothing mm	h mm	Angolo / Angle	Materiale / Material
SUP094.00	15	25	/	Ottone / Brass



Potenza massima dissipata / *Max. dissipated power*
1W

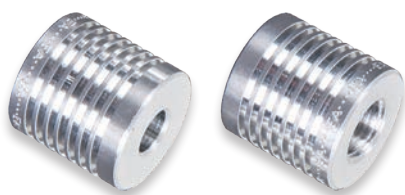
Schede tecniche complete sul nostro sito
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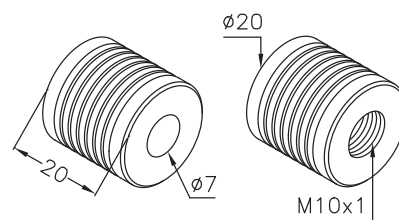


SUP094.01

Supporto dissipatore modulare, filetto maschio-femmina M10x1
Modular heatsink holder, M10x1 male-female thread



Codice / Code	Ø mm	h mm	Angolo / Angle	Materiale / Material
SUP094.01	20	20	/	Alluminio / Aluminium



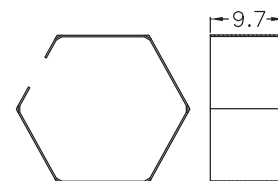
Potenza massima dissipata / Max. dissipated power
1W

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



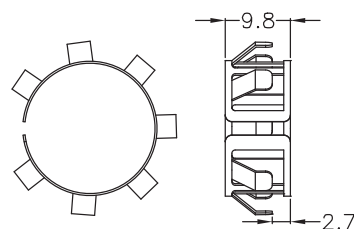
Abbinabile a / To be combined with
Supporti SP0155 e SP0157
SP0155 or SP0157 support

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

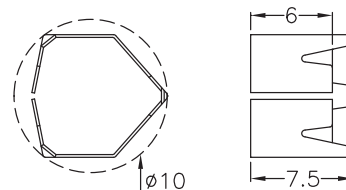
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MOL34

Molla reggivetrol in acciaio temperato per vetro con foro \varnothing 11 mm
Glass holding tempered steel spring for glass with \varnothing 11 mm hole

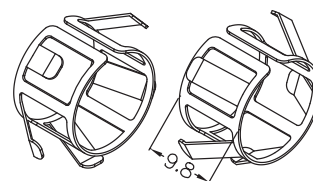


Codice / Code	h mm	Fissaggio / Fixing
MOL34	7.5	A scatto / Snap-in

Per / For
 Supporto SP0159
 SP0159 support

MOL043

Molla reggivetrol per vetro con foro \varnothing 16 mm
Glass holding spring for glass with \varnothing 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

Schede tecniche complete sul nostro sito
 Complete datasheets on our web site

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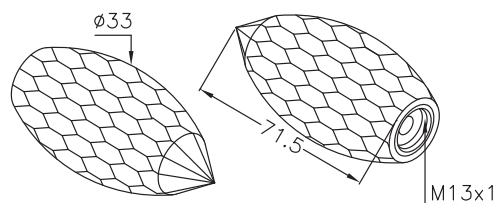


VDC02

Pigna cristallo K9 sfaccettato con ghiera GH1018.01 montata
K9 multifaceted crystal cone with GH1018.01 ring assembled



Codice / Code	Ø mm	h mm	Foro / Hole
VDC02.001.CG	33	71.5	M13x1



Abbinabile a / To be combined with

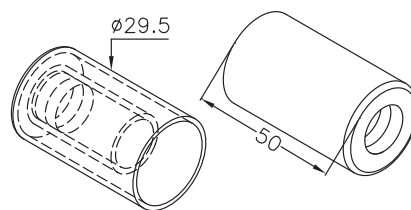
Supporto SP0142
SP0142 supports

VDM03

Vetro decorativo aperto in borosilicato, doppio cilindro
Decorative double-cylinder borosilicate open glass



Codice / Code	Ø mm	h mm	Foro / Hole
VDM03.001.AM	29.5	50	Ø 16



Abbinabile a / To be combined with

Supporti sistema QUICK-LED / QUICK-LED system support

Cilindro esterno / External cylinder

Trasparente / Transparent

Cilindro interno / Internal cylinder

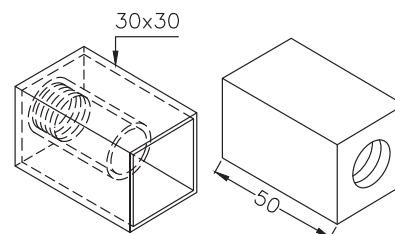
Sabbiato / Sandblasted

VDM04

Vetro decorativo aperto in borosilicato
Decorative borosilicate open glass



Codice / Code	mm	h mm	Foro / Hole
VDM04.001.AM	30 x 30	50	Ø 16
VDM04.002.AF			M16 x 2



Abbinabile a / To be combined with

Supporti sistema QUICK-LED / QUICK-LED system support

Cilindro esterno / External cylinder

Trasparente / Transparent

Cilindro interno / Internal cylinder

Sabbiato / Sandblasted

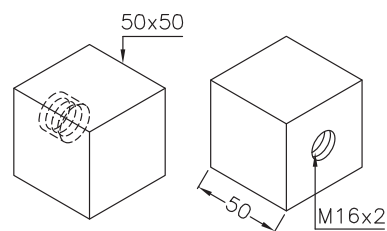
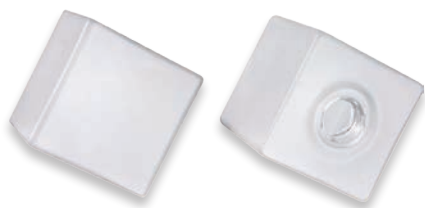
Schede tecniche complete sul nostro sito
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VDS05

Cubo in vetro borosilicato sabbiato esterno
Borosilicate glass cube, sandblasted on the outside



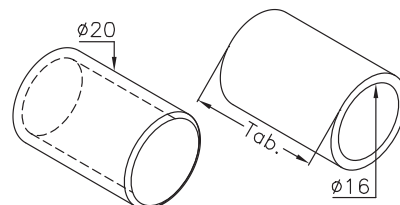
Codice / Code	mm	h mm	Foro / Hole
VDS05.001.CF	50 x 50	50	M16x2

Abbinabile a / To be combined with

Supporti sistema QUICK-LED
QUICK-LED system support

VDS09

Cilindro in borosilicato sabbiato
Borosilicate cylinder, sandblasted on the outside



Codice / Code	Ø mm	h mm	Foro / Hole
VDS09.001.CM		50	
VDS09.002.CM	20	60	Ø 16 mm
VDS09.003.CM		70	

Abbinabile a / To be combined with

Supporti sistema QUICK-LED / Chiuso da un lato
QUICK-LED system support / Closed on one side

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01XA

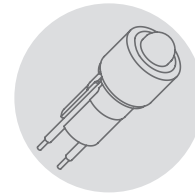
Esempi di assemblaggio
Assembly examples



Spot	Ghiera Ring	Supporti Support	Molla Spring	Esempio assemblato Assembled example	Spot	Ghiera Ring	Supporti Support	Molla Spring	Esempio assemblato Assembled example
SP0136 pag. 217	GHI018 pag. 224	SUP094.00 pag. 227	/		SP0146 pag. 219	GHI018 pag. 224	/	/	
SP0137 pag. 217	GHI018 pag. 224	SUP094.00 pag. 227	MOL043 pag. 229		SP0147 pag. 220	GHI018 pag. 224	/	/	
SP0137 pag. 217	GHI019 pag. 224	SUP094.00 pag. 227	MOL043 pag. 229		SP0148 pag. 220	GHI018 pag. 224	/	/	
SP0137 pag. 217	GHI020 pag. 224	SUP094.00 pag. 227	MOL043 pag. 229		SP0150 pag. 220	GHI025 pag. 226	/	/	
SP0137 pag. 217	GHI021 pag. 225	SUP094.00 pag. 227	MOL043 pag. 229		SP0151 pag. 221	GHI026 pag. 226	/	/	
SP0137 pag. 217	GHI022 pag. 225	SUP094.00 pag. 227	MOL043 pag. 229		SP0152 pag. 221	GHI018 pag. 224	/	/	
SP0137 pag. 217	GHI024 pag. 225	SUP094.00 pag. 227	MOL043 pag. 229		SP0153 pag. 221	GHI027 pag. 226	/	/	
SP0138 pag. 217	GHI018 pag. 224	/	MOL043 pag. 229		SP0154 pag. 222	GHI028 pag. 227	/	/	
SP0139 pag. 218	GHI018 pag. 224	/	/		SP0155 pag. 222	GHI018 pag. 224	/	MOL24 pag. 228	
SP0142 pag. 218	GHI018 pag. 224	/	/		SP0155 pag. 222	GHI018 pag. 224	/	MOL25 pag. 228	
SP0143 pag. 218	GHI018 pag. 224	/	MOL043 pag. 229		SP0156 pag. 222	GHI018 pag. 224	/	/	
SP0144 pag. 219	GHI018 pag. 224	/	/		SP0157 pag. 223	GHI018 pag. 224	/	MOL24 pag. 228	
SP0145 pag. 219	GHI018 pag. 224	/	MOL043 pag. 229		SP0157 pag. 223	GHI018 pag. 224	/	MOL25 pag. 228	

01XB

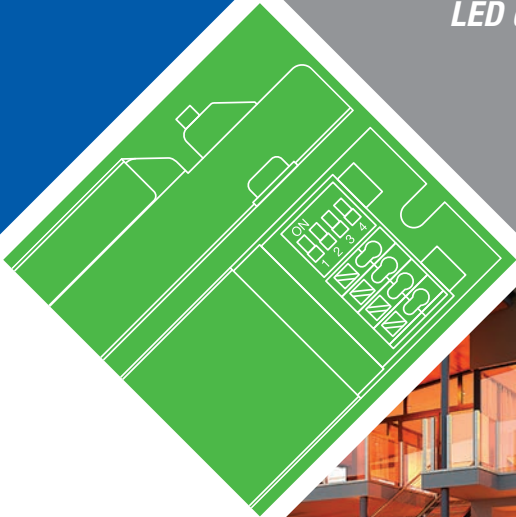
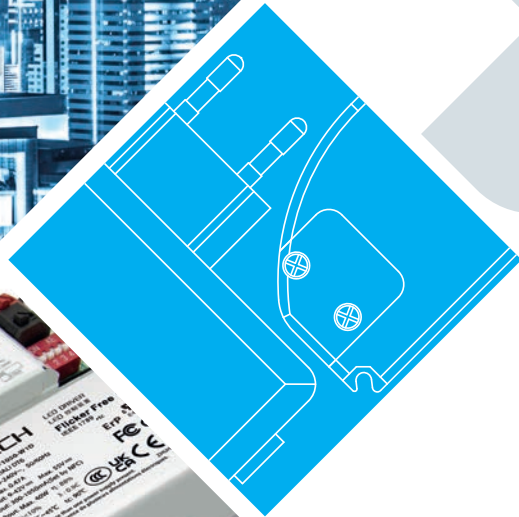
Esempi di assemblaggio
Assembly examples



Spot	Ghiera Ring	Supporti Support	Molla Spring	Esempio assemblato Assembled example	Spot	Ghiera Ring	Supporti Support	Molla Spring	Esempio assemblato Assembled example
SP0138 <i>pag. 217</i>	GHI030 <i>pag. 227</i>	/	MOL043 <i>pag. 229</i>		SP0155 <i>pag. 222</i>	GHI030 <i>pag. 227</i>	/	MOL24 <i>pag. 228</i>	
SP0139 <i>pag. 218</i>	GHI030 <i>pag. 227</i>	/	/		SP0155 <i>pag. 222</i>	GHI030 <i>pag. 227</i>	/	MOL25 <i>pag. 228</i>	
SP0143 <i>pag. 218</i>	GHI030 <i>pag. 227</i>	/	MOL043 <i>pag. 229</i>		SP0156 <i>pag. 222</i>	GHI030 <i>pag. 227</i>	/	/	
SP0144 <i>pag. 219</i>	GHI030 <i>pag. 227</i>	/	/		SP0157 <i>pag. 223</i>	GHI030 <i>pag. 227</i>	/	MOL24 <i>pag. 228</i>	
SP0145 <i>pag. 219</i>	GHI030 <i>pag. 227</i>	/	MOL043 <i>pag. 229</i>		SP0157 <i>pag. 223</i>	GHI030 <i>pag. 227</i>	/	MOL25 <i>pag. 228</i>	
SP0146 <i>pag. 219</i>	GHI030 <i>pag. 227</i>	/	/		SP0162 <i>pag. 223</i>	/	/	/	
SP0147 <i>pag. 220</i>	GHI030 <i>pag. 227</i>	/	/						















08

Driver LED
LED drivers




Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

Ingresso tensione costante / <i>Constant voltage input</i>	
Uscita tensione costante / <i>Constant voltage output</i>	
Uscita corrente costante / <i>Constant current output</i>	
Tensione di rete 110~120Vac / <i>110~120Vac main voltage</i>	
Tensione di rete 220~240Vac / <i>220~240Vac main voltage</i>	
Dimmerabile / <i>Dimmable</i>	
Per controller RGB / <i>For RGB controller</i>	
Grado di protezione IP20 / <i>IP20 international protection</i>	
Grado di protezione IP66 / <i>IP66 international protection</i>	
Protezione Classe II / <i>Class II protection</i>	
USB Type-A	
DC-plug	
Connettore 2 poli DIN +/- / <i>2-pole DIN +/- connector</i>	
Ordine minimo / <i>Minimum order</i>	

Indice capitolo | Chapter contents

Driver LED / <i>LED drivers</i>	
DC-DC	 259 › 261
350-500-700mA	262 › 271
Dimmerabili / <i>Dimmable</i>	272 › 273
Spina integrata / <i>Wall mount</i>	274 › 275
Multipower	276 › 277
Multipower dimmerabili / <i>Multipower dimmable</i>	278 › 282

Tolleranze | Tolerance

Valori elettrici / *Electrical values* (@25°): ±5~10%
 Dimensionali / *Dimensional*: ±0.15/0.5mm
 Ø fori / *hole Ø*: ±0.1mm

Driver | 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.

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.

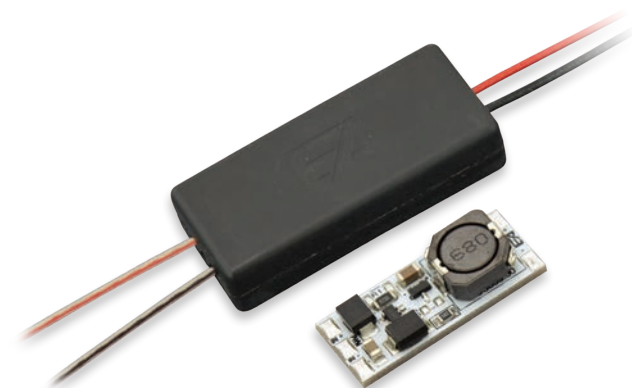
During assembly steps, be careful not to damage the LED driver. Connect the LED driver to the main voltage only after completing installation.

Principali certificazioni | Main certifications

Conformità CE <i>CE declaration of conformity</i>	
Marchio TÜV <i>TUV mark</i>	
Compatibilità elettromagnetica <i>Electromagnetic compatibility</i>	
Marchio UL per Stati Uniti e Canada <i>UL mark for Canada and the US</i>	
Approvato dalla Commissione Federale delle Comunicazioni <i>Federal Communications Commission approved</i>	
Certificazione obbligatoria Cina <i>Compulsory certification for China</i>	
Rapporto di conformità Cina (prove di sicurezza elettrica) riconosciuto dalla IEC <i>Compliance report for China (electrical safety tests) recognized by the IEC</i>	
Conformità ai requisiti di sicurezza giapponesi <i>Compliance with Japanese safety requirements</i>	
Conformità C-Tick per Australia <i>Australia C-Tick compliant</i>	
Standard di certificazione per Australia e Nuova Zelanda <i>Certification standards for Australia and New Zealand</i>	
Direttiva RCM per Australia e Nuova Zelanda <i>Australia and New Zealand RCM directive</i>	
Conformità allo standard DALI <i>Comply to DALI standard</i>	
Conformità allo standard DALI-2 <i>Comply to DALI-2 standard</i>	
Conformità ai requisiti di sicurezza Corea del Sud <i>Compliance with South Korean safety requirements</i>	
Trasformatore conforme alla normativa europea per l'utilizzo all'interno di mobili o armadi <i>Transformer complying with European Regulations suitable for installation in furniture and cabinets</i>	
Infiammabile <i>Flammable mark</i>	
La temperatura di superficie del trasformatore non supera 110°C in condizioni di sovraccarico o cortocircuito <i>The surface temperature of the transformer will not exceed 110°C in case of overload or short circuit</i>	
Trasformatore indipendente <i>Independent converter</i>	
Protezione Classe II <i>Class II protection</i>	
Trasformatore con isolamento di sicurezza, a prova di cortocircuito <i>Safety insulation transformer, short-circuit proof</i>	
Trasformatori in bassissima tensione <i>Very-low-voltage transformers</i>	
Conformità UKCA per il Regno Unito <i>UKCA compliance for the United Kingdom</i>	
Certificato RoHS, assenza di sostanze nocive <i>RoHS certified, absence of harmful substances</i>	
Certificazione Elettrica ENEC relativa alle norme europee <i>ENEC Electrical Certification for European standards</i>	
Certificazione TÜV del personale <i>TUV certification of personnel</i>	
Conformità EAC per esportazione in unione Euroasiatica <i>EAC compliant for Eurasian union export</i>	
Conformità ErP progettazione ecocompatibile <i>ErP Compliance with ecodesign</i>	
Conformità BIS per esportazione in India <i>BIS compliance for export to India</i>	

DRC

Driver LED DC/DC (Step-Down)
DC/DC (Step-Down) LED driver



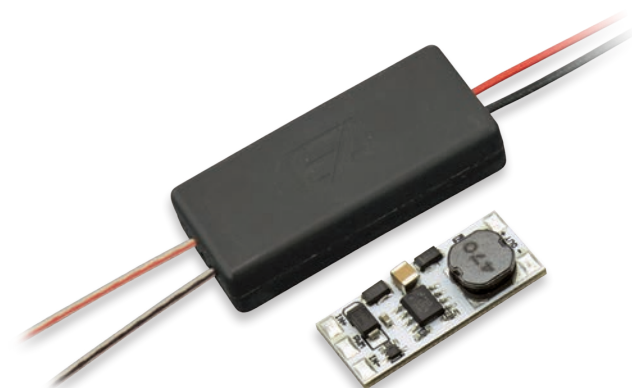
Input (Vdc)	12-24V
Output (CC)	350mA, 500mA, 700mA
Max Load (input 12V)	10.8V / 7.6W
Max Load (input 24V)	21.6V / 15W
PCB	IMS 1.6 mm
t _a	-20°C ~ +40°C
Dimensioni / Dimensions	43 x 19 x 10 mm
Approvazioni / Approvals	CE

Tolleranze / Tolerances

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

DRC0350C13

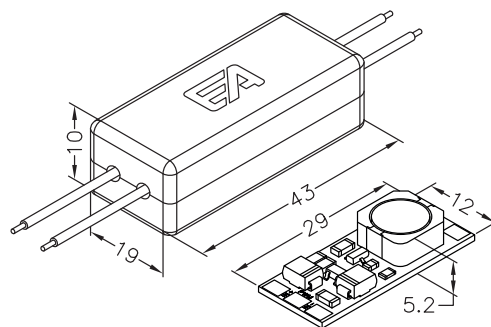
Driver LED DC/DC (Step-Down)
DC/DC (Step-Down) LED driver



Input (Vdc)	24-48V
Output (CC)	350mA
Max Load (input 24V)	21.6V / 7.6W
Max Load (input 48V)	43.2V / 15W
PCB	IMS 1.6 mm
t _a	-20°C ~ +40°C
Dimensioni / Dimensions	43 x 19 x 10 mm
Approvazioni / Approvals	CE

Tolleranze / Tolerances

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



Schema di collegamento / Wiring layout | Cap. 12

Composizione codice ordine standard

(Con cavi standard Teflon-FEP® AWG22 cm 20)

Standard order code composition

(With standard cables Teflon-FEP® AWG22 cables, cm 20)

DRC	XXXXXX	W7001
①	②	①

① Codice fisso / Fixed code

DRC_W7001

② Uscita / Output

350mA	0350008
500mA	0500012
700mA	0700016

Varianti e accessori da definire in fase d'ordine

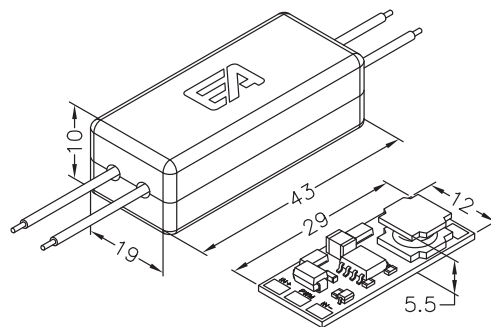
Variants and accessories to be chosen when ordering



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Schema di collegamento / Wiring layout | Cap. 12

Con cavi standard Teflon-FEP® AWG22 (cm 20)

With standard cables Teflon-FEP® AWG22 cables (cm 20)

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



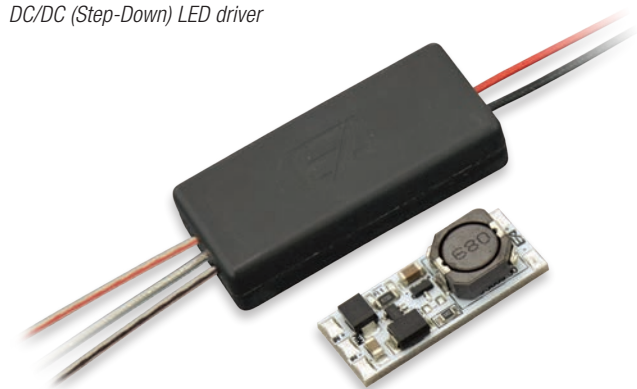
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site



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DRD

Driver LED DC/DC (Step-Down)
DC/DC (Step-Down) LED driver



Input (Vdc)	12-24V
Output (CC)	350mA, 500mA, 700mA
Max Load (input 12V)	10.8V / 7.6W
Max Load (input 24V)	21.6V / 15W
Dimmerabile / Dimmable	PWM
PCB	IMS 1.6 mm
t _a	-20°C ~ +40°C
Dimensioni / Dimensions	43 x 19 x 10 mm
Approvazioni / Approvals	CE

Tolleranze / Tolerances

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

DRF

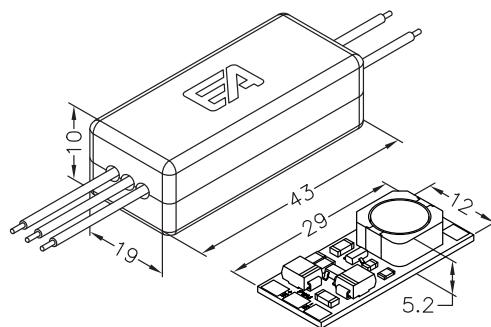
Driver LED DC/DC (Step-Down)
DC/DC (Step-Down) LED driver



Input (Vdc)	12-24V
Output (CC)	200mA, 350mA
Max Load (input 12V)	10.8V / 3.8W
Max Load (input 24V)	21.6V / 7.6W
Dimmerabile / Dimmable	3 uscite dimmerabili PWM / 3 output PWM dimming
PCB	IMS 1.6 mm
t _a	-20°C ~ +40°C
Dimensioni / Dimensions	58 x 30 x 18 mm
Approvazioni / Approvals	CE

Tolleranze / Tolerances

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



Schema di collegamento / Wiring layout | Cap. 12

Composizione codice ordine standard

(Con cavi standard Teflon-FEP® AWG22 cm 20)

Standard order code composition

(With standard cables Teflon-FEP® AWG22 cables, cm 20)

DRD | **XXXXXX** | **W8001**
① | ② | ①

① Codice fisso / Fixed code

DRD_W8001

② Uscita / Output

350mA 0350008

500mA 0500012

700mA 0700016

Varianti e accessori da definire in fase d'ordine

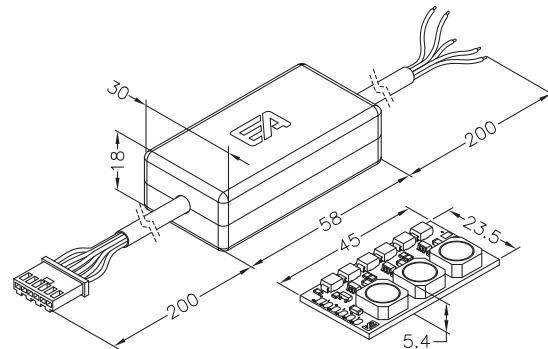
Variants and accessories to be chosen when ordering



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Schema di collegamento / Wiring layout | Cap. 12

Composizione codice ordine standard

(Con cavi standard PVC-PVC, sez. 0.25 mm, cm 20, con connettore MODU II)

Standard order code composition

(With standard cables PVC-PVC cables, 0.25 mm section, cm 20, with MODU II connector)

DRF | **XXXX** | **J9001**
① | ② | ①

① Codice fisso / Fixed code

DRF_J9001

② Uscita / Output

200mA 0200

350mA 0350

Varianti e accessori da definire in fase d'ordine

Variants and accessories to be chosen when ordering



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DRC426

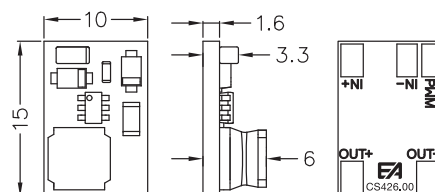
Driver LED DC/DC (Step-Down)
DC/DC (Step-Down) LED driver



Input (Vdc)	12-24V
Output (CC)	350mA, 500mA
Max Load (input 12V)	10.8V / 5.4W
Max Load (input 24V)	21.6V / 10.8W
Dimmerabile / Dimmable	PWM
PCB	FR4 1.6 mm
t_a	-20°C ~ +40°C
Dimensioni / Dimensions	15 x 10 x 6 mm
Approvazioni / Approvals	CE

Tolleranze / Tolerances

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



Schema di collegamento / Wiring layout | Cap. 12

Composizione codice ordine standard

(Senza cavi)

Standard order code composition

(Without cables)

DRC426XXX | **XXX**

① | ②

① Codice fisso / Fixed code ② Uscita / Output

DRC426XXX	350mA	350
	500mA	500

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering



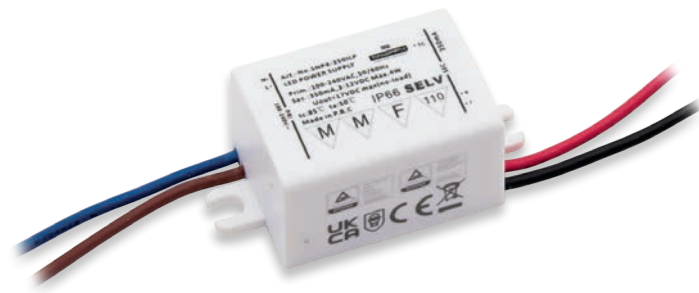
Scheda tecnica completa sul nostro sito
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DRN0350004.249

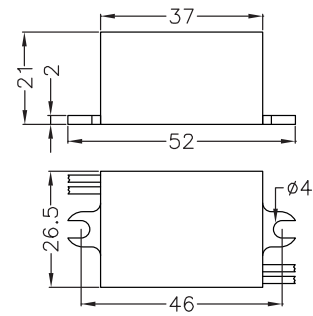
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	100~240V (50/60Hz)
(CC)	350mA
Output (Vdc)	3~12V
(W)	4W
t_c	+85°C
t_a	+50°C
Dimensioni / Dimensions	52 x 26.5 x 21 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Cavi / Cables

PVC-AWG18, cm 18

Approvazioni / Approvals

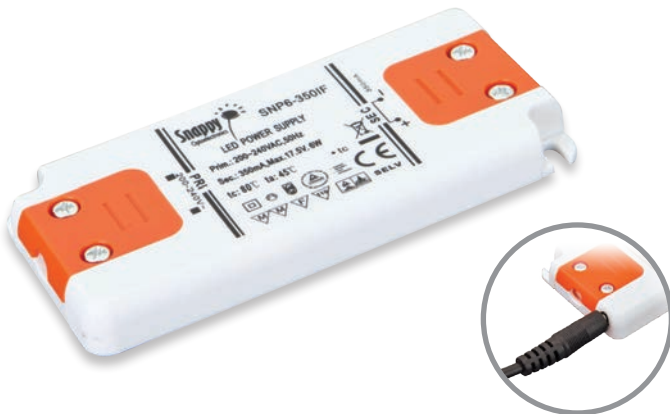


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DRN0350006.240

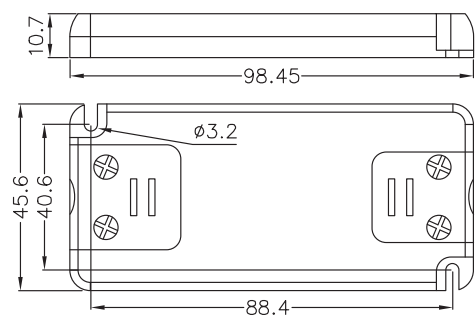
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50Hz)
(CC)	350mA
Output (Vdc)	0~17.5V
(W)	0~6W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	98.45 x 45.6 x 10.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



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



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DRN0350008.240

Driver LED a corrente costante
Constant current LED driver



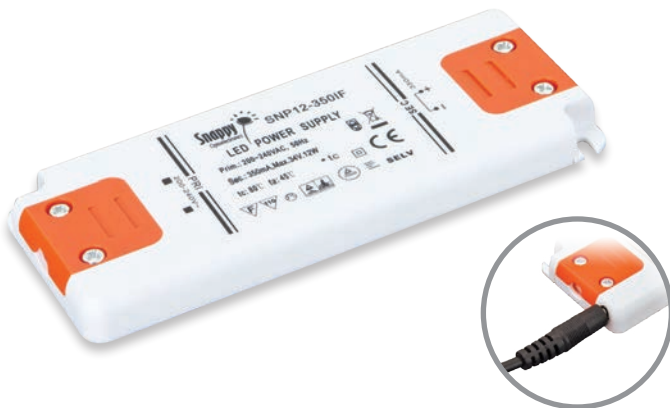
Input (Vac)	200~240V (50/60Hz)
(CC)	350mA
Output (Vdc)	12~24V
(W)	4.2~8.4W
t_c	+75°C
t_a	+45°C
Dimensioni / Dimensions	94.5 x 46.2 x 19.5 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

DRN0350012.240

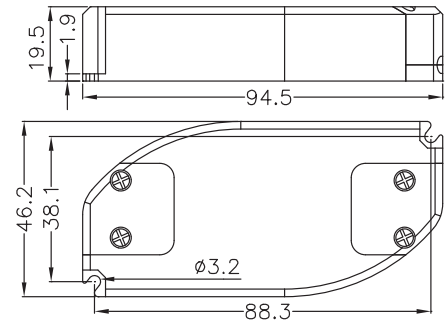
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50Hz)
(CC)	350mA
Output (Vdc)	0~34V
(W)	0~12W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	127.3 x 49.8 x 10.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

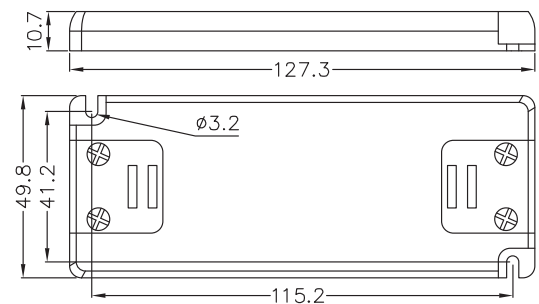
Morsetti a vite / Screw fixing

Approvazioni / Approvals



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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



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DRN0350015.240

Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50/60Hz)
	(CC)
Output (Vdc)	29~43V
	(W)
t_c	+75°C
t_a	+45°C
Dimensioni / Dimensions	128 x 50.5 x 13.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

DRN0350020.240

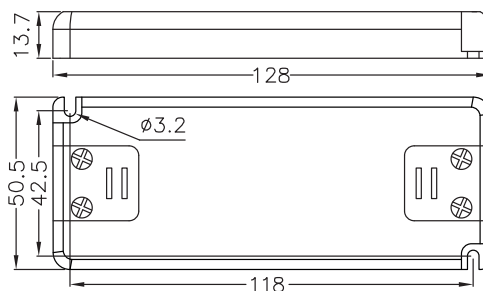
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50Hz)
	(CC)
Output (Vdc)	32~56V
	(W)
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	154 x 50 x 15 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

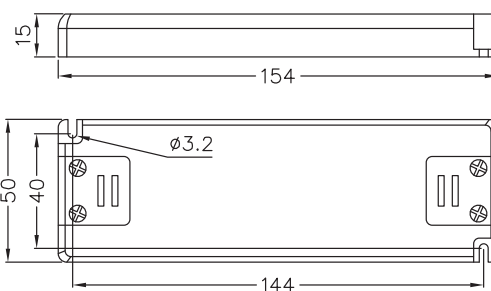
Morsetti a vite / Screw fixing

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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DRN0500004.249

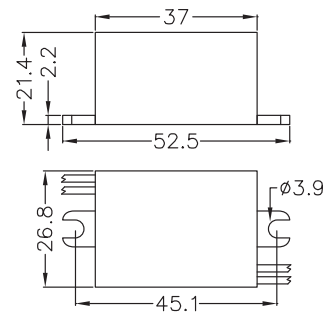
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	100~240V (50/60Hz)
(CC)	500mA
Output (Vdc)	3~9.5V
(W)	1.5~4W
t_c	+85°C
t_a	+50°C
Dimensioni / Dimensions	52.5 x 26.8 x 21.4 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Cavi / Cables

AWG18-UL1007, cm 17

Approvazioni / Approvals



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DRN0500006.171

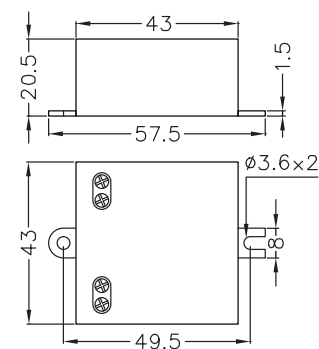
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	100~240V (50/60Hz)
(CC)	500mA
Output (Vdc)	6~12V
(W)	3~6W
t_c	+85°C
t_a	+50°C
Dimensioni / Dimensions	57.5 x 43 x 20.5 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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DRN0500008.240

Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	500mA
Output (Vdc)	8~16V
(W)	4~8W
t_c	+75°C
t_a	+45°C
Dimensioni / Dimensions	94.5 x 46 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

DRN0500015.240

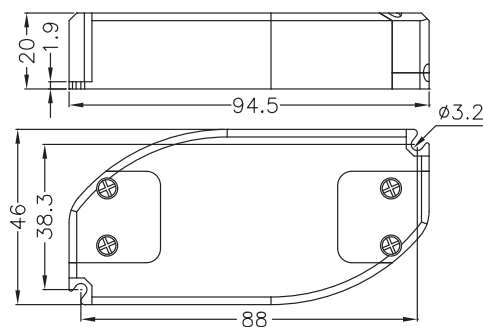
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	500mA
Output (Vdc)	20~30V
(W)	10~15W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	128 x 50.5 x 13.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

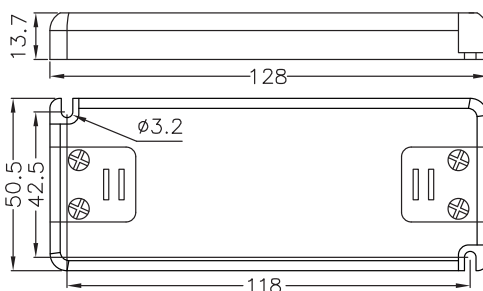
Morsetti a vite / Screw fixing

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



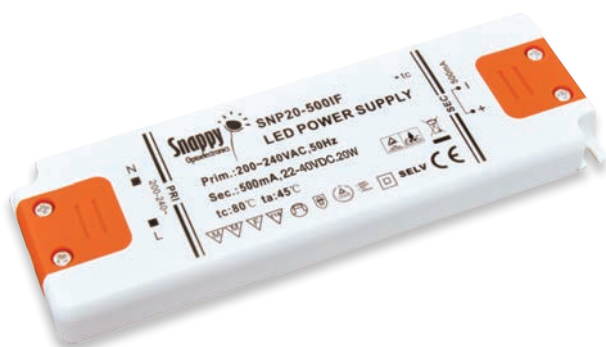
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DRN0500020.240

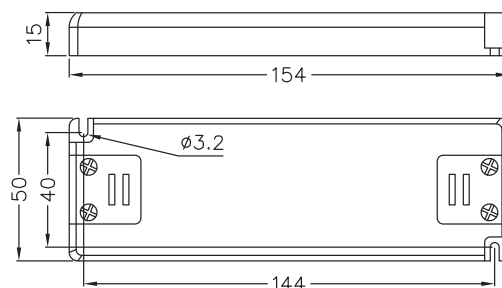
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50Hz)
	(CC)
Output (Vdc)	22~40V
	(W)
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	154 x 50 x 15 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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DRN0500030.240

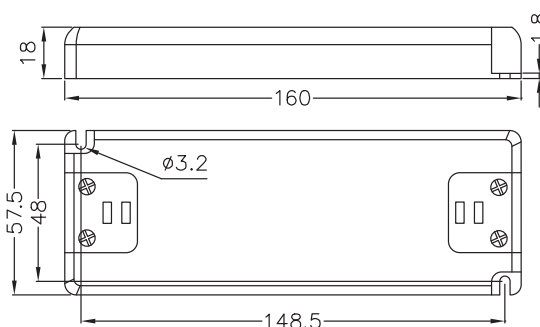
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50/60Hz)
	(CC)
Output (Vdc)	30~60V
	(W)
t_c	+85°C
t_a	+45°C
Dimensioni / Dimensions	160 x 57.5 x 18 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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DRN0500050.240

Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50Hz)
(CC)	500mA
Output (Vdc)	50~100V
(W)	25~50W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	185 x 63.5 x 22 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

DRN0700003.050

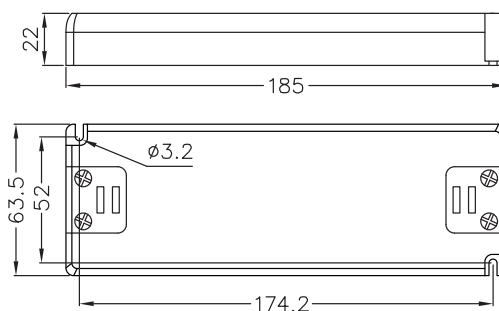
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	100~240V (50Hz)
(CC)	700mA
Output (Vdc)	0.5~4V
(W)	0.3~2.8W
t_c	+75°C
t_a	+50°C
Dimensioni / Dimensions	52 x 26.5 x 21 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

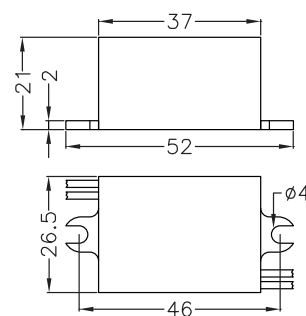
Morsetti a vite / Screw fixing

Approvazioni / Approvals



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Cavi / Cables

PVC-AWG22, cm 20

Approvazioni / Approvals



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DRN0700006.171

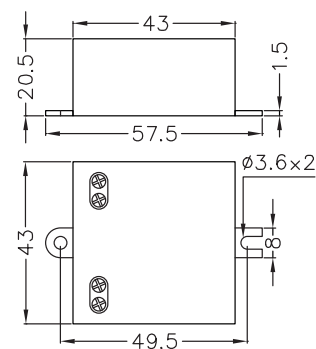
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	100~240V (50/60Hz)
	(CC)
Output (Vdc)	4~9V
	(W)
t_c	+85°C
t_a	+50°C
Dimensioni / Dimensions	57.5 x 43 x 20.5 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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DRN0700012.240

Driver LED a corrente costante
Constant current LED driver

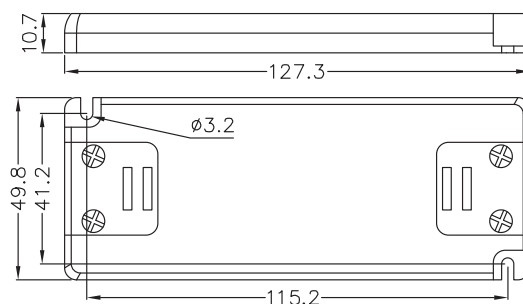


Input (Vac)	200~240V (50Hz)
	(CC)
Output (Vdc)	0~17V
	(W)
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	127.3 x 49.8 x 10.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

Dimensionali / Dimensional: ±0.3/0.5mm



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



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DRN0700015.240

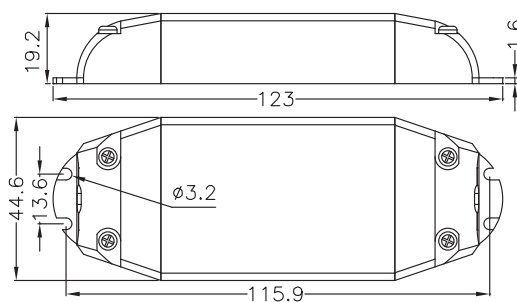
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50Hz)
(CC)	700mA
Output (Vdc)	15~21V
(W)	10.5~15W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	123 x 44.6 x 19.2 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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DRN0700030.240

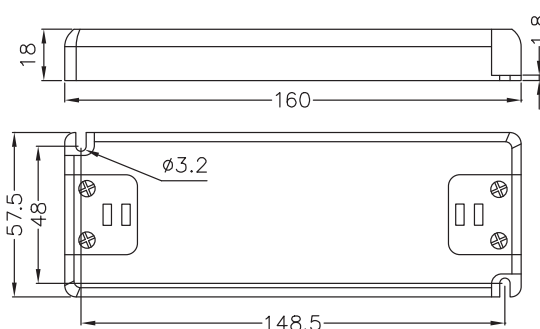
Driver LED a corrente costante
Constant current LED driver



Input (Vac)	200~240V (50Hz)
(CC)	700mA
Output (Vdc)	21.4~42.8V
(W)	15~30W
t_c	+85°C
t_a	+45°C
Dimensioni / Dimensions	160 x 57.5 x 18 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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DRN0700050.240

Driver LED a corrente costante
Constant current LED driver

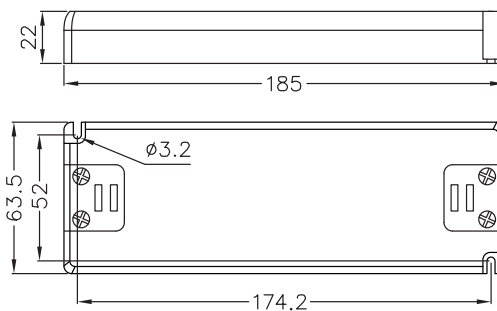


Input (Vac)	200~240V (50/60Hz)
(CC)	700mA
Output (Vdc)	36~72V
(W)	25~50W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	185 x 63.5 x 22 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



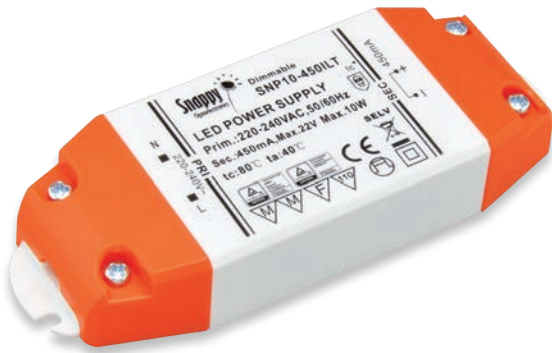
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DRD0450010.240

Driver LED dimmerabile a corrente costante
Constant current dimmable LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	450mA
Output (Vdc)	13.4~22V
(W)	6~10W
Dimming range	15~95%
Power Factor (PF)	≥0.85
t _c	+80°C
t _a	+40°C
Dimensioni / Dimensions	123 x 44.6 x 19.2 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

DRD0700036.240

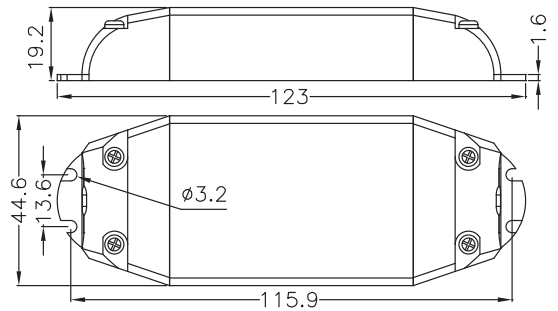
Driver LED dimmerabile a corrente costante
Constant current dimmable LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	700mA
Output (Vdc)	25.5~51V
(W)	18~36W
Dimming range	15~95%
Power Factor (PF)	≥0.95
t _c	+80°C
t _a	+45°C
Dimensioni / Dimensions	167 x 41 x 29 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

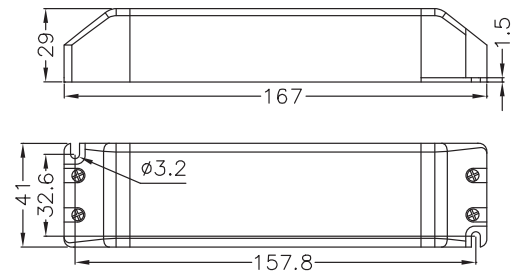
TRIAC/IGBT

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

TRIAC/IGBT

Approvazioni / Approvals



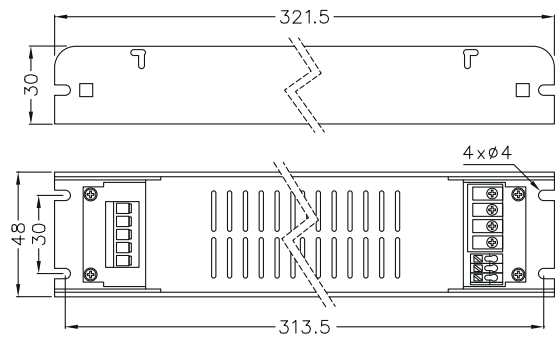
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BK-DEN075

Driver LED dimmerabile a corrente costante
Constant current dimmable LED driver



Input	(Vac)	200~240V (50/60Hz)
	(CC)	4.15A
Output	(Vdc)	48V
	(W)	199.2W
Dimming range		1~100%
Power Factor (PF)		≥0.95
t_c		+90°C
t_a		+60°C
Dimensioni / Dimensions		321.5 x 48 x 30 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

Fissaggio cavi / Cable fixing

Morsetti a pressione / Clamps

Dimmerabile / Dimmable

DALI-2, pushDIM, 1-10V 3in1

Approvazioni / Approvals



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DRS0350009.170

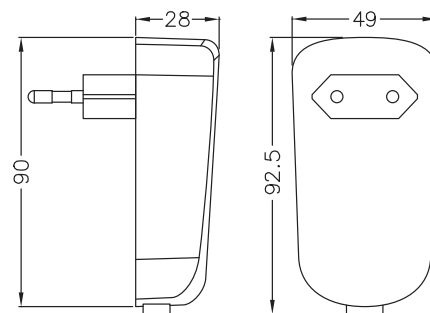
Driver LED a spina integrata a corrente costante
Wall mount constant current LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	350mA
Output (Vdc)	9~30V
(W)	3~9W
t _c	+80°C
t _a	+45°C
Dimensioni / Dimensions	92.5 x 49 x 28 mm
Colore / Colour	Trasparente / Transparent

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Approvazioni / Approvals



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DRS0500012.240

Driver LED a spina integrata a corrente costante
Wall mount constant current LED driver

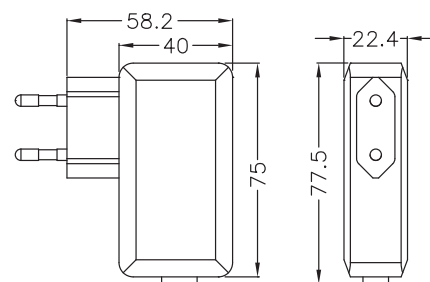


Input (Vac)	200~240V (50/60Hz)
(CC)	500mA
Output (Vdc)	12~24V
(W)	6~12W
t _c	+75°C
t _a	+40°C
Dimensioni / Dimensions	77.5 x 58.2 x 22.4 mm
Colore / Colour	Nero / Black

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Approvazioni / Approvals



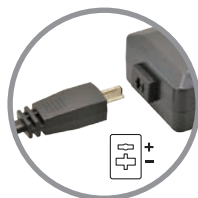
Scheda tecnica completa sul nostro sito
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DRS0700009

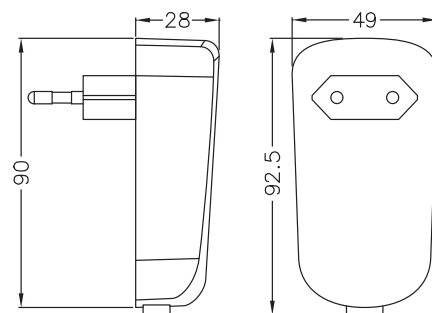
Driver LED a spina integrata a corrente costante
Wall mount constant current LED driver



Input	(Vac)	200~240V (50/60Hz)
	(CC)	700mA
Output	(Vdc)	3~15V
	(W)	3~9W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		92.5 x 49 x 28 mm
Colore / Colour		Trasparente o nero / Transparent or black

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Colore / Colour

DRS0700009.170: Trasparente / Transparent
DRS0700009.170: Nero / Black

Approvazioni / Approvals



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BK-BAN022

Driver LED multipower a corrente costante
Constant current multipower LED driver



Input	(Vac)	200~240V (50/60Hz)
	(CC)	200~400mA
Output	(Vdc)	39~72V
	(W)	14.4~22.8W
t_c		+90°C
t_a		+60°C
Dimensioni / Dimensions		158 x 30 x 21 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

BK-BAN040

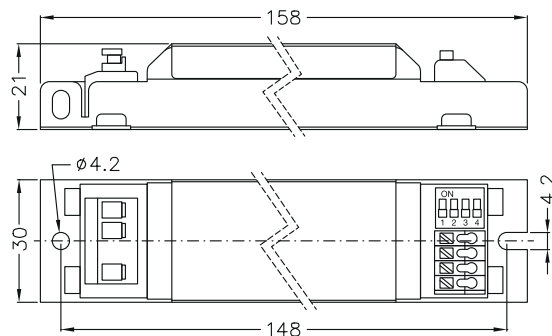
Driver LED multipower a corrente costante
Constant current multipower LED driver



Input	(Vac)	200~240V (50/60Hz)
	(CC)	200~400mA
Output	(Vdc)	54~114V
	(W)	22.8~40W
t_c		+90°C
t_a		+60°C
Dimensioni / Dimensions		158 x 30 x 21 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

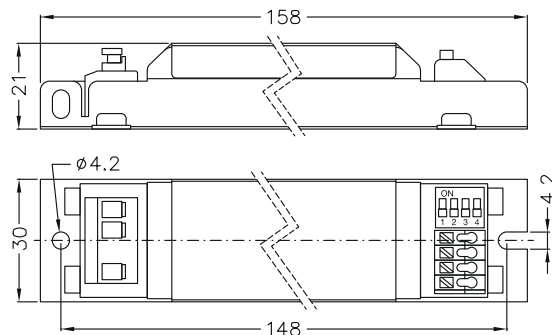
Morsetti a pressione / Clamps

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a pressione / Clamps

Uscita regolabile tramite dip-switch
Output setting adjustable by dip-switch

Approvazioni / Approvals



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BK-BAN075

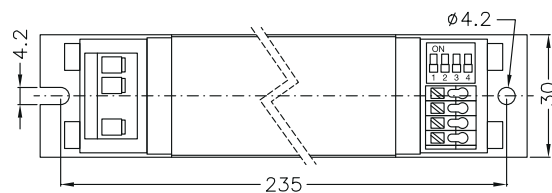
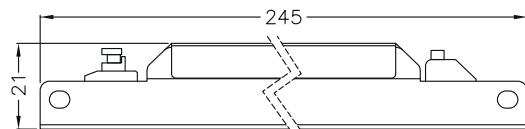
Driver LED multipower a corrente costante
Constant current multipower LED driver



Input	(Vac)	200~240V (50/60Hz)
	(CC)	200~400mA
Output	(Vdc)	100~200V
	(W)	40~75.2W
t_c		+90°C
t_a		+60°C
Dimensioni / Dimensions		245 x 30 x 21 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a pressione / Clamps

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

Approvazioni / Approvals



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BK-DEN075

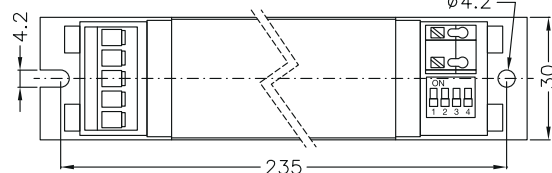
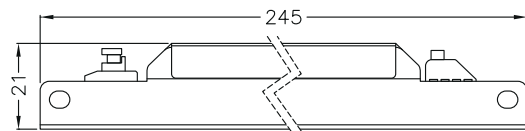
Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	200~240V (50/60Hz)
	(CC)
Output (Vdc)	54~200V
	(W)
Dimming range	3~100%
Power Factor (PF)	≥0.95
t _c	+90°C
t _a	+60°C
Dimensioni / Dimensions	245 x 30 x 21 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a pressione / Clamps

Dimmerabile / Dimmable

DALI-2, pushDIM

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

Approvazioni / Approvals



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SE-12-100-400-G1T

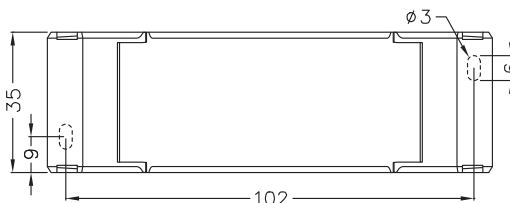
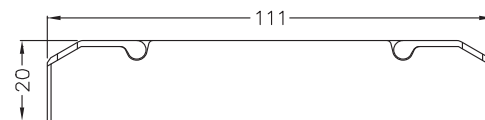
Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	200~240V (50/60Hz)
	(CC)
Output (Vdc)	9~42V
	(W)
Dimming range	0~100%
Power Factor (PF)	≥0.9
t _c	+90°C
t _a	+45°C
Dimensioni / Dimensions	111 x 35 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

TRIAC

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

Approvazioni / Approvals



Scheda tecnica completa sul nostro sito
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SE-9-350-700-G1T

Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	350~700mA
Output (Vdc)	2~12V
(W)	0.7~8.4W
Dimming range	0~100%
Power Factor (PF)	≥0.9
t_c	+90°C
t_a	+45°C
Dimensioni / Dimensions	111 x 35 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

SE-15-350-700-G1T

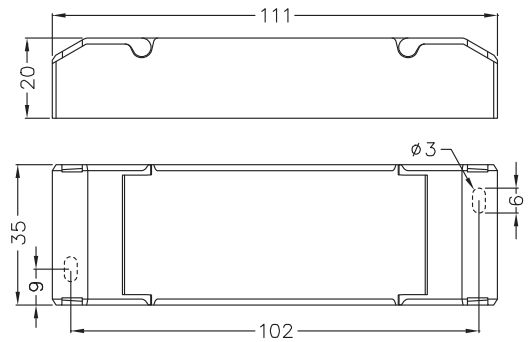
Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	350~700mA
Output (Vdc)	9~42V
(W)	3.5~15W
Dimming range	0~100%
Power Factor (PF)	≥0.9
t_c	+90°C
t_a	+60°C
Dimensioni / Dimensions	111 x 35 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

TRIAC

Uscita regolabile tramite dip-switch

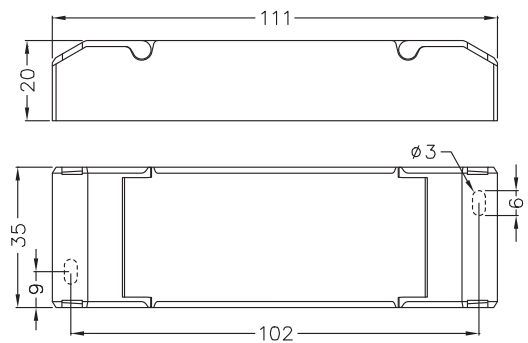
Output setting adjustable by dip-switch

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

TRIAC

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

Approvazioni / Approvals



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SE-10-350-700-W1D

Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



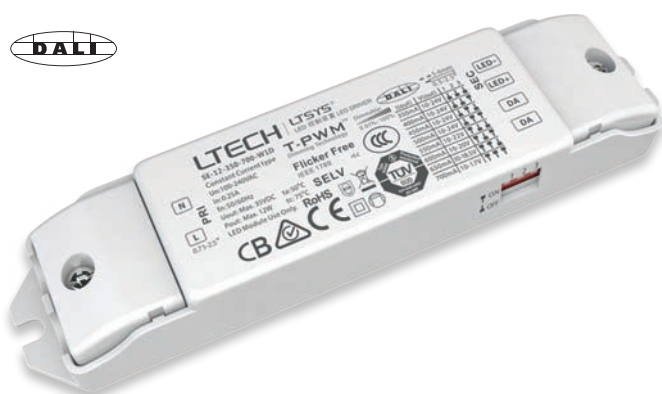
Input (Vac)	100~240V (50/60Hz)
(CC)	350~700mA
Output (Vdc)	2~12V
(W)	0.7~8.4W
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+75°C
t_a	+50°C
Dimensioni / Dimensions	135 x 30 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

SE-12-350-700-W1D

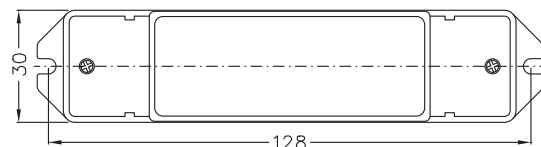
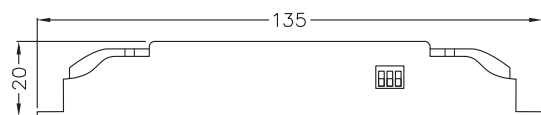
Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	100~240V (50/60Hz)
(CC)	350~700mA
Output (Vdc)	10~24V
(W)	3.5~12W
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+75°C
t_a	+50°C
Dimensioni / Dimensions	135 x 30 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

DALI

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

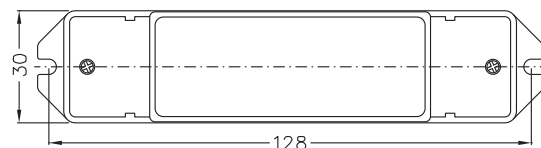
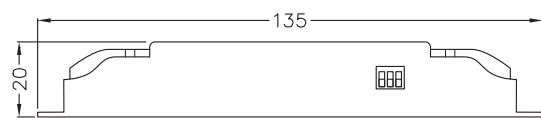
Approvazioni / Approvals

SELV RoHS Class 2



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

DALI

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

Approvazioni / Approvals

SELV RoHS Class 2



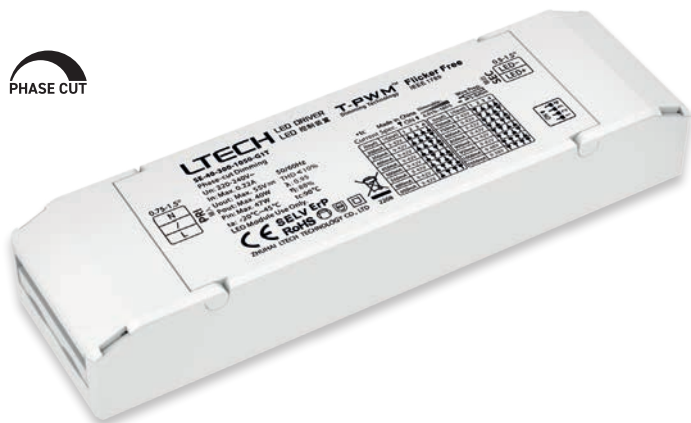
Scheda tecnica completa sul nostro sito
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SE-40-300-1050-G1T

Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	200~240V (50/60Hz)
(CC)	300~1050mA
Output (Vdc)	9~42V
(W)	2.7~40W
Dimming range	0~100%
Power Factor (PF)	≥0.95
t_c	+90°C
t_a	+45°C
Dimensioni / Dimensions	142 x 40 x 23 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

SE-40-300-1050-W1D

Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



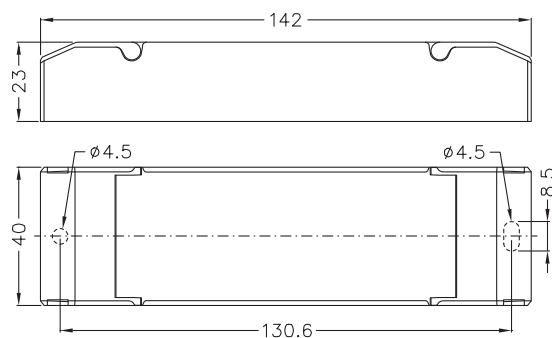
NFC))



Input (Vac)	200~240V (50/60Hz)
(CC)	300~1050mA
Output (Vdc)	9~42V
(W)	2.7~40W
Dimming range	0~100%
Power Factor (PF)	≥0.9
t_c	+90°C
t_a	+45°C
Dimensioni / Dimensions	142 x 40 x 23 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

DALI

Uscita regolabile tramite dip-switch

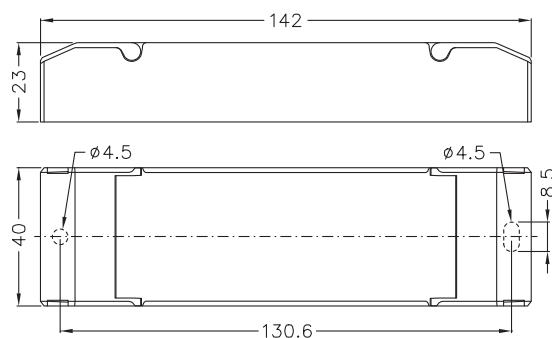
Output setting adjustable by dip-switch

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

DALI-2

Uscita multipla selezionabile mediante programmatore NFC o App

Multiple output selectable by NFC programmer or App

Approvazioni / Approvals



Class 2 ErP



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DRM1050040

Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	180~295V (47/63Hz)
(CC)	300~1050mA
Output (Vdc)	40~100V
(W)	35~42W
Dimming range	6~100%
Power Factor (PF)	≥0.975
t _c	+90°C
t _a	+60°C
Dimensioni / Dimensions	123.5 x 81.5 x 23 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

DRM1400060

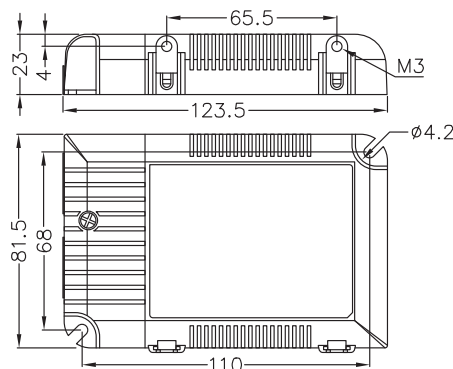
Driver LED dimmerabile multipower a corrente costante
Constant current dimmable multipower LED driver



Input (Vac)	180~295V (47/63Hz)
(CC)	500~1400mA
Output (Vdc)	42~90V
(W)	45~59W
Dimming range	6~100%
Power Factor (PF)	≥0.975
t _c	+90°C
t _a	+60°C
Dimensioni / Dimensions	123.5 x 81.5 x 23 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

DRM1050040.220: DALI + pushDIM

DRM1050040.221: 0~10V - PWM

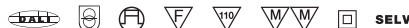
Funzione master/slave - Master/slave function

1 Master - 9 Slave

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

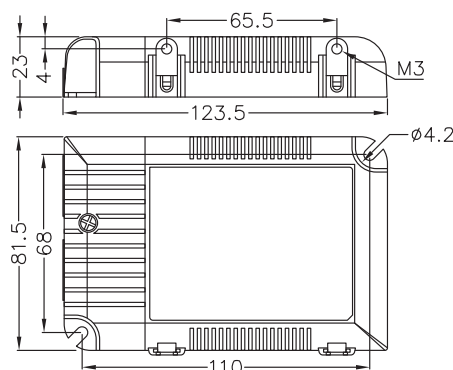
Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

DRM1400060.220: DALI + pushDIM

DRM1400060.221: 0~10V - PWM

Funzione master/slave - Master/slave function

1 Master - 9 Slave

Uscita regolabile tramite dip-switch

Output setting adjustable by dip-switch

Approvazioni / Approvals



Scheda tecnica completa sul nostro sito

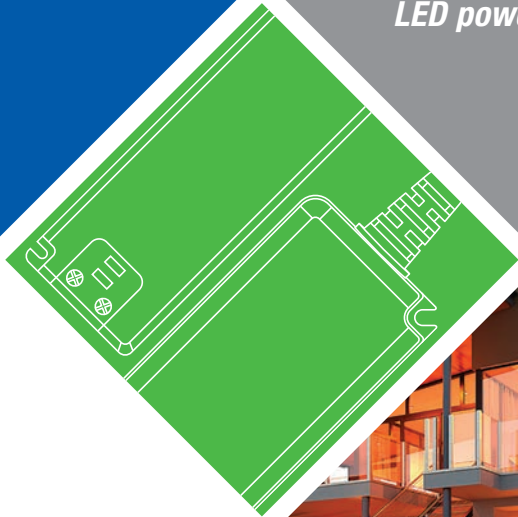
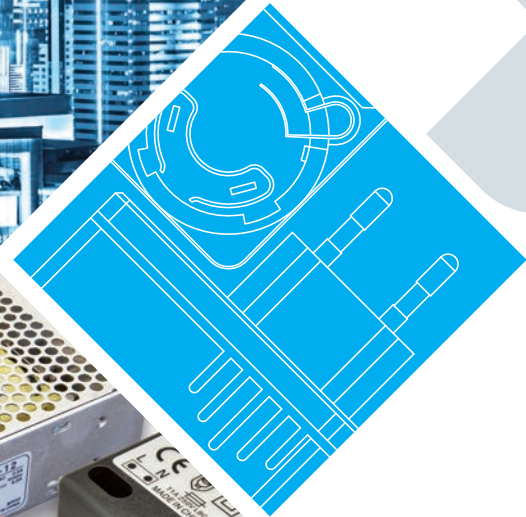
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09

Alimentatori LED
LED power supplies



Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

Ingresso tensione costante / <i>Constant voltage input</i>	
Uscita tensione costante / <i>Constant voltage output</i>	
Uscita corrente costante / <i>Constant current output</i>	
Tensione di rete 110~120Vac / <i>110~120Vac main voltage</i>	
Tensione di rete 220~240Vac / <i>220~240Vac main voltage</i>	
Dimmerabile / <i>Dimmable</i>	
Per controller RGB / <i>For RGB controller</i>	
Grado di protezione IP44 / <i>IP44 international protection</i>	
Grado di protezione IP66 / <i>IP66 international protection</i>	
Grado di protezione IP67 / <i>IP67 international protection</i>	
Protezione Classe II / <i>Class II protection</i>	
USB Type-A	
DC-plug	
Connettore 2 poli DIN +/- / <i>2-pole DIN +/- connector</i>	
Ordine minimo / <i>Minimum order</i>	

Indice capitolo | Chapter contents

Alimentatori LED / <i>LED power supplies</i>	
12~24Vdc	285 › 298
Dimmerabili / <i>Dimmable</i>	299 › 300
Spina integrata / <i>Wall mount</i>	301 › 304
Waterproof / <i>Impermeabili</i>	305 › 306

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.

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.

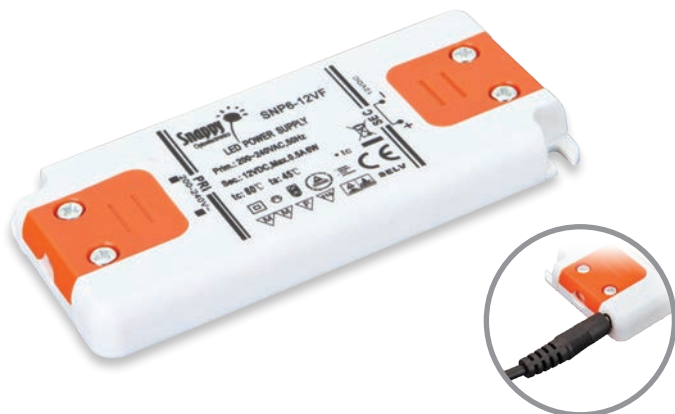
During assembly steps, be careful not to damage the power supply. Connect the power supply to the main voltage only after completing installation.

Principali certificazioni | Main certifications

Conformità CE <i>CE declaration of conformity</i>	
Marchio TÜV <i>TUV mark</i>	
Compatibilità elettromagnetica <i>Electromagnetic compatibility</i>	
Marchio UL per Stati Uniti e Canada <i>UL mark for Canada and the US</i>	
Approvato dalla Commissione Federale delle Comunicazioni <i>Federal Communications Commission approved</i>	
Certificazione obbligatoria Cina <i>Compulsory certification for China</i>	
Rapporto di conformità Cina (prove di sicurezza elettrica) riconosciuto dalla IEC <i>Compliance report for China (electrical safety tests) recognized by the IEC</i>	
Conformità ai requisiti di sicurezza giapponesi <i>Compliance with Japanese safety requirements</i>	
Conformità C-Tick per Australia <i>Australia C-Tick compliant</i>	
Standard di certificazione per Australia e Nuova Zelanda <i>Certification standards for Australia and New Zealand</i>	
Direttiva RCM per Australia e Nuova Zelanda <i>Australia and New Zealand RCM directive</i>	
Conformità allo standard DALI <i>Comply to DALI standard</i>	
Conformità allo standard DALI-2 <i>Comply to DALI-2 standard</i>	
Conformità ai requisiti di sicurezza Corea del Sud <i>Compliance with South Korean safety requirements</i>	
Trasformatore conforme alla normativa europea per l'utilizzo all'interno di mobili o armadi <i>Transformer complying with European Regulations suitable for installation in furniture and cabinets</i>	
Infiammabile <i>Flammable mark</i>	
La temperatura di superficie del trasformatore non supera 110°C in condizioni di sovraccarico o cortocircuito <i>The surface temperature of the transformer will not exceed 110°C in case of overload or short circuit</i>	
Trasformatore indipendente <i>Independent converter</i>	
Protezione Classe II <i>Class II protection</i>	
Trasformatore con isolamento di sicurezza, a prova di cortocircuito <i>Safety insulation transformer, short-circuit proof</i>	
Trasformatori in bassissima tensione <i>Very-low-voltage transformers</i>	
Conformità UKCA per il Regno Unito <i>UKCA compliance for the United Kingdom</i>	
Certificazione TÜV del personale <i>TUV certification of personnel</i>	

ALN012006.240

Alimentatore LED
LED power supply



Input (Vac)	200~240V (50/60Hz)
	(Vdc)
Output (CC)	500mA
	(W)
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	98.45 x 45.6 x 10.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALN012008.380

Alimentatore LED multifunzione
Multifunction LED power supply



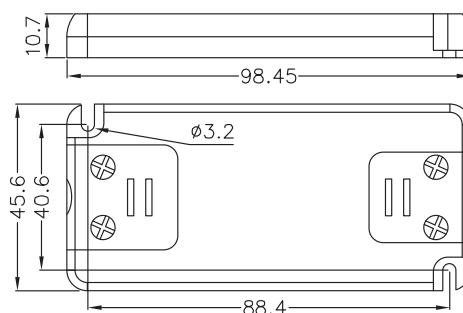
Input (Vac)	110~240V (50/60Hz)
	(Vdc)
Output (CC)	652mA / 700mA
	(W)
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	79.5 x 39 x 19 mm

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.

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Alimentazione secondaria / Secondary power supply

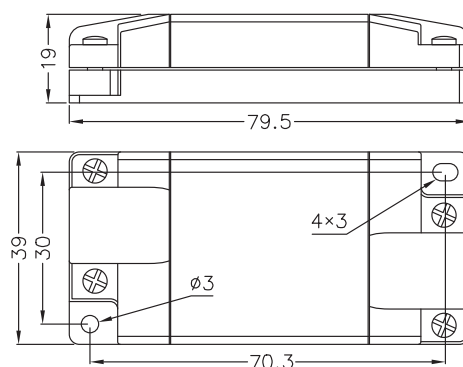
Con connessione rapida DC-plug / With DC-plug fast connection

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN012012.241

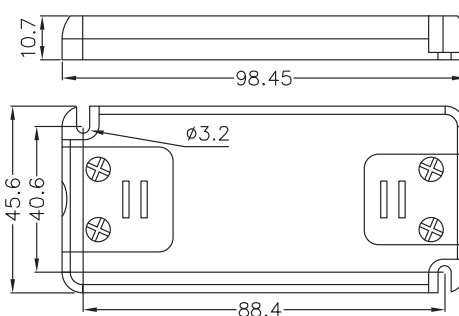
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	12V
Output	(CC)	1A
	(W)	12W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		98.45 x 45.6 x 10.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



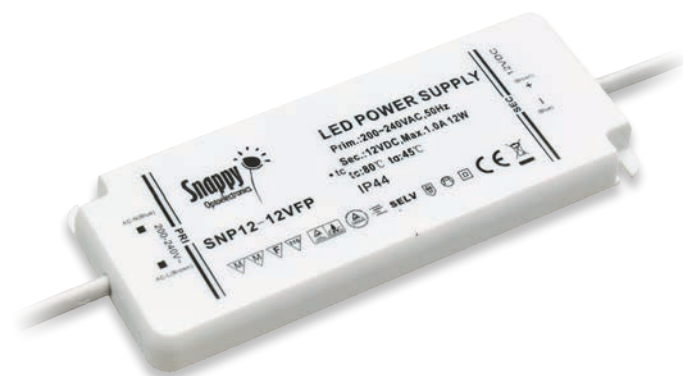
Scheda tecnica completa sul nostro sito
Complete datasheet on our web site

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ALN012012.249

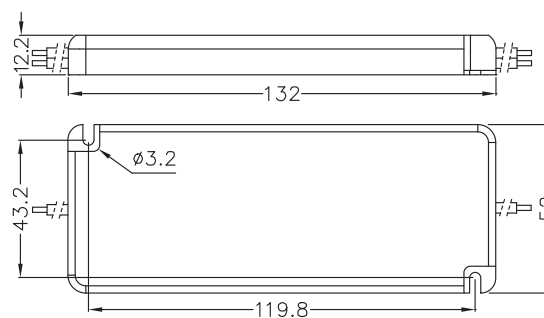
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	12V
Output	(CC)	1A
	(W)	12W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		132 x 43.2 x 12.2 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Cavi / Cables

Cavi IN/OUT da cm 15
IN/OUT cables (cm 15)

Approvazioni / Approvals



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ALN012015.241

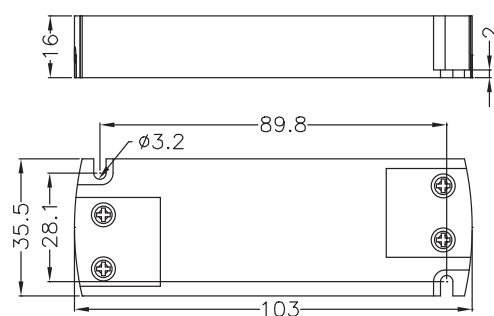
Alimentatore LED
LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	12V
Output (CC)	1.25A
(W)	15W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	103 x 35.5 x 16 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN012020.242

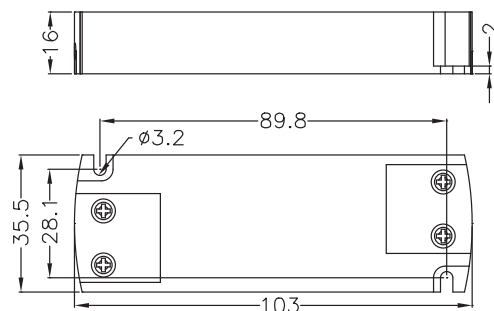
Alimentatore LED
LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	12V
Output (CC)	1.67A
(W)	20W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	103 x 35.5 x 16 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



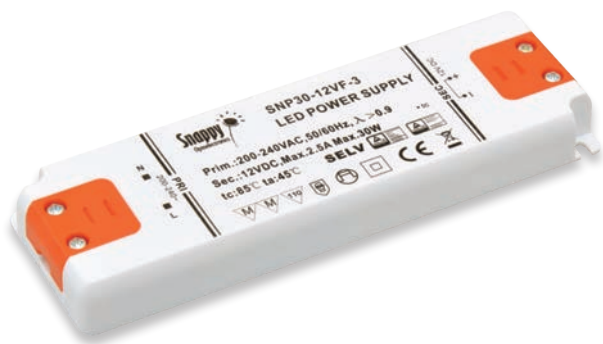
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ALN012030.240

Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	12V
Output	(CC)	2.5A
	(W)	30W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		156 x 50 x 17 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALN012030.245

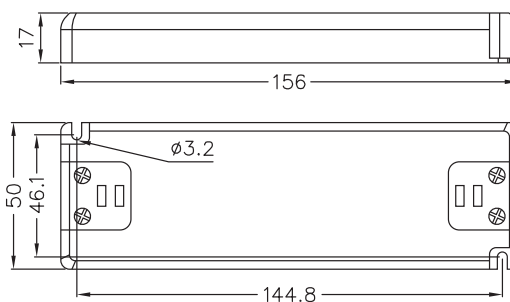
Alimentatore LED
LED power supply



Input	(Vac)	100~120V (60Hz)
	(Vdc)	12V
Output	(CC)	2.5A
	(W)	30W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		156 x 50 x 17 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

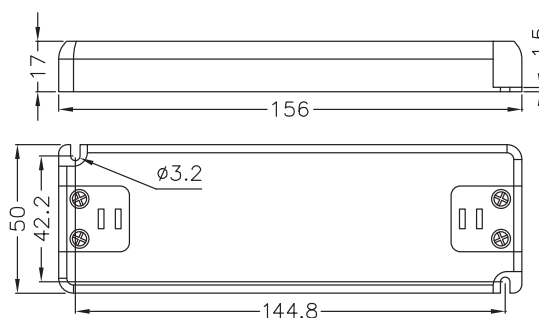
Morsetti a vite / Screw fixing

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN012050.240

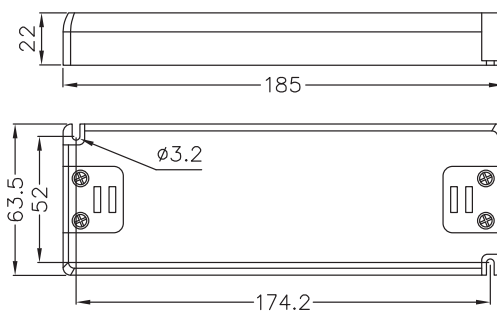
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	12V
Output	(CC)	4.2A
	(W)	50W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		185 x 63.5 x 22 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN012075.242

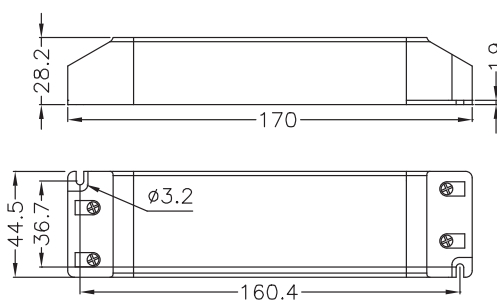
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	12V
Output	(CC)	5.83A
	(W)	70W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		170 x 44.5 x 28.2 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN012075.246

Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	12V
Output	(CC)	6.25A
	(W)	75W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		170.4 x 56.5 x 31 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALN012100.243

Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	12V
Output	(CC)	8.33A
	(W)	100W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		180 x 62.5 x 31 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

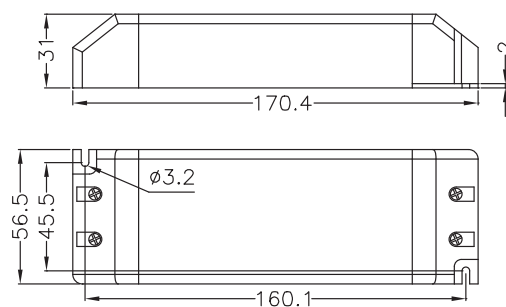
110

220

CV
out

Class II

1



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



Scheda tecnica completa sul nostro sito
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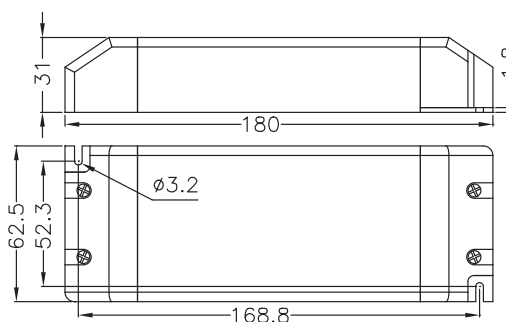
www.easrl.com

220

CV
out

Class II

1



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals

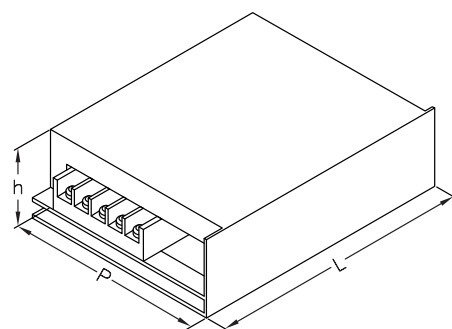


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ALG012

Alimentatore LED
LED power supply



Codice Code	Input voltage (Vac)	Vdc	Output		Dimensioni Dimensions L x P x h
			CC	W	
ALG012015.220	88~264V (47/63Hz)	12V	1.3A	15W	62.5 x 51 x 28
ALG012025.220			2.1A	25W	78 x 51 x 28
ALG012035.220			3A	35W	99 x 82 x 36
ALG012050.220			4.2A	50W	99 x 97 x 36
ALG012075.220			6A	75W	129 x 97 x 38
ALG012100.220			8.5A	100W	159 x 97 x 38
ALG012150.220			12.5A	150W	199 x 98 x 38
ALG012200.220			16.7A	200W	199 x 99 x 50

Temperatura / Temperature

t_c : +70°C / t_a : +25°C

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



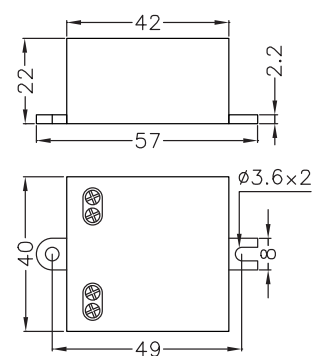
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ALN024006.050

Alimentatore LED
LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	24V
Output (CC)	250mA
(W)	6W
t_c	+75°C
t_a	+50°C
Dimensioni / Dimensions	57 x 40 x 22 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024008.240

Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	330mA
	(W)	8W
t_c		+75°C
t_a		+45°C
Dimensioni / Dimensions		94.5 x 46 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALN024020.242

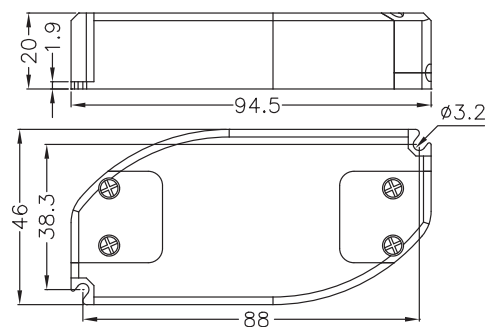
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	830mA
	(W)	20W
t_c		+85°C
t_a		+45°C
Dimensioni / Dimensions		103 x 35.5 x 16 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

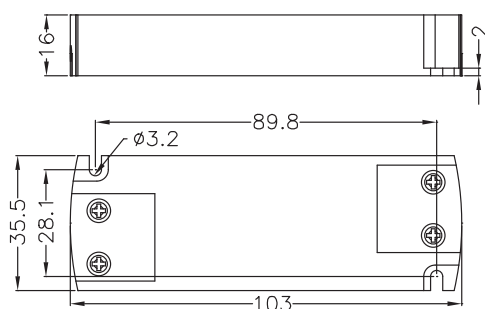
Morsetti a vite / Screw fixing

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024030.240

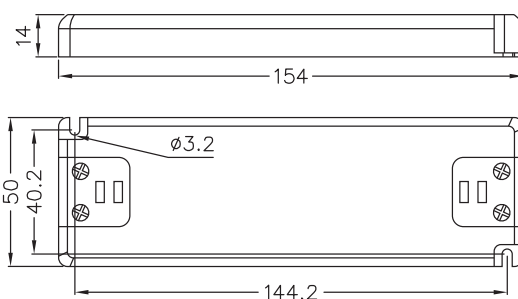
Alimentatore LED
LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	24V
Output (CC)	1.25A
(W)	30W
t_c	+85°C
t_a	+45°C
Dimensioni / Dimensions	154 x 50 x 14 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024030.242

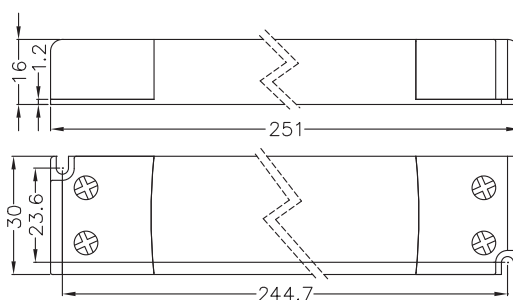
Alimentatore LED
LED power supply



Input (Vac)	220~240V (50/60Hz)
(Vdc)	24V
Output (CC)	1.25A
(W)	30W
t_c	+80°C
t_a	+40°C
Dimensioni / Dimensions	251 x 30 x 16 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024040.245

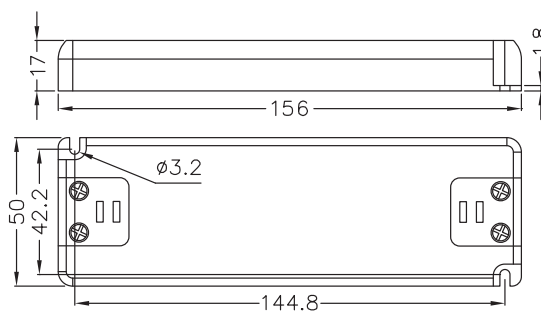
Alimentatore LED
LED power supply



Input	(Vac)	100~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	1.67A
	(W)	40W
t_c		+85°C
t_a		+45°C
Dimensioni / Dimensions		156 x 50 x 17 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024040.246

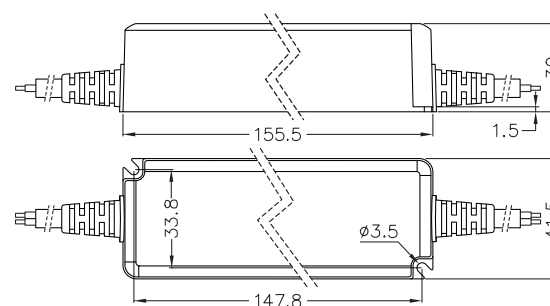
Alimentatore LED
LED power supply



Input	(Vac)	100~277V (60Hz)
	(Vdc)	24V
Output	(CC)	1.67A
	(W)	40W
t_c		+80°C
t_a		+50°C
Dimensioni / Dimensions		155.5 x 41.5 x 30 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Cavi IN/OUT da cm 30
IN/OUT cables (cm 30)

Approvazioni / Approvals



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ALN024050.240

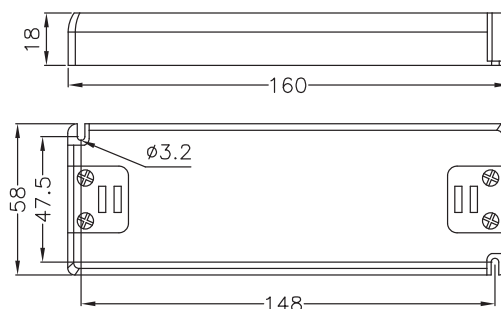
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	2.08A
	(W)	50W
t_c		+85°C
t_a		+45°C
Dimensioni / Dimensions		160 x 58 x 18 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024060.242

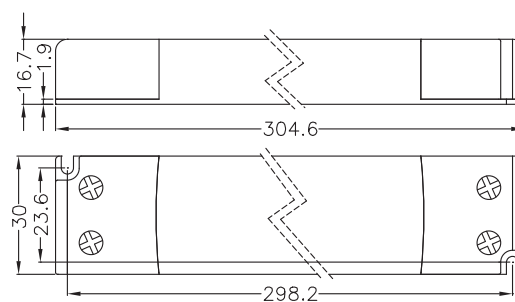
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	2.5A
	(W)	60W
t_c		+90°C
t_a		+45°C
Dimensioni / Dimensions		304.6 x 30 x 16.7 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024060.245

Alimentatore LED
LED power supply



Input	(Vac)	100~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	2.5A
	(W)	60W
t_c		+90°C
t_a		+45°C
Dimensioni / Dimensions		159.9 x 57.8 x 18 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALN024075.243

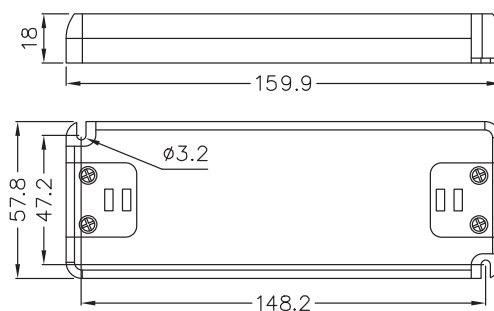
Alimentatore LED
LED power supply



Input	(Vac)	200~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	3.13A
	(W)	75W
t_c		+85°C
t_a		+45°C
Dimensioni / Dimensions		170 x 44.5 x 28.2 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

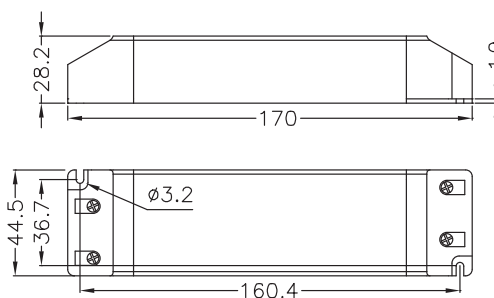
Morsetti a vite / Screw fixing

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



Scheda tecnica completa sul nostro sito
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ALN024100.242

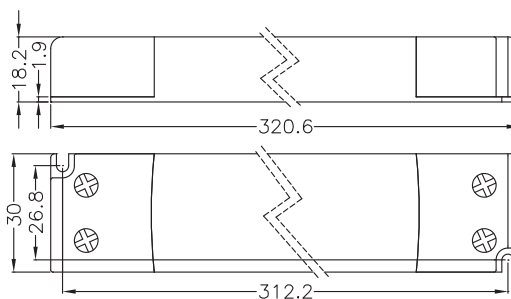
Alimentatore LED
LED power supply



Input	(Vac)	100~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	4.17A
	(W)	100W
t_c		+90°C
t_a		+45°C
Dimensioni / Dimensions		320.6 x 30 x 18.2 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024150.240

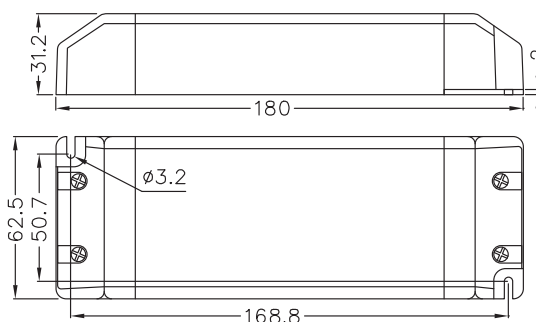
Alimentatore LED
LED power supply



Input	(Vac)	220~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	6.25A
	(W)	150W
t_c		+90°C
t_a		+45°C
Dimensioni / Dimensions		180 x 62.5 x 31.2 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



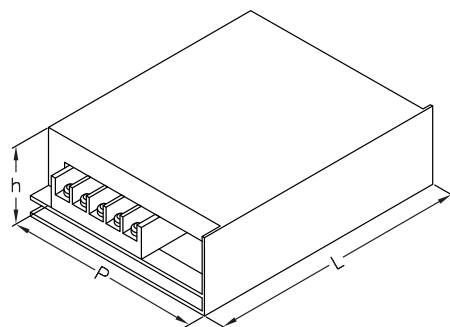
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www.easrl.com



ALG024

Alimentatore LED
LED power supply



Codice Code	Input voltage (Vac)	Vdc	Output		Dimensioni Dimensions L x P x h
			CC	W	
ALG024015.220	88~264V (47/63Hz)	24V	625mA	15W	62.5 x 51 x 28
ALG024025.220			1.1A	25W	78 x 51 x 28
ALG024035.220			1.5A	35W	99 x 82 x 36
ALG024050.220			2.2A	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
ALG024150.220			6.5A	156W	199 x 98 x 38
ALG024200.220			8.4A	200W	215 x 115 x 30

Temperatura / Temperature

t_C : +70°C / t_a : +25°C

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Approvazioni / Approvals



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ALN024030.244

Alimentatore LED dimmerabile
Dimmable LED power supply



Input (Vac)	200~240V (50/60Hz)
	(Vdc)
Output (CC)	0.2~1.25A
	(W)
Dimming range	20~90%
Power Factor (PF)	0.9
t _c	+85°C
t _a	+45°C
Dimensioni / Dimensions	158 x 45.8 x 18.3 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALN024050.244

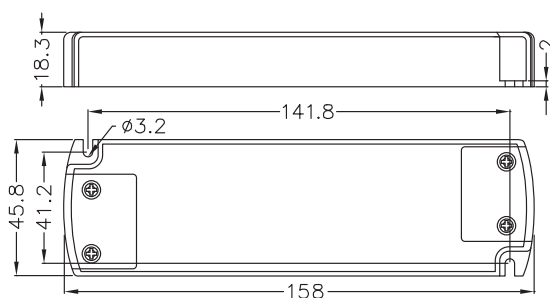
Alimentatore LED dimmerabile
Dimmable LED power supply



Input (Vac)	200~240V (50/60Hz)
	(Vdc)
Output (CC)	0.5~2.08A
	(W)
Dimming range	20~90%
Power Factor (PF)	0.9
t _c	+85°C
t _a	+45°C
Dimensioni / Dimensions	177 x 57.8 x 21.8 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

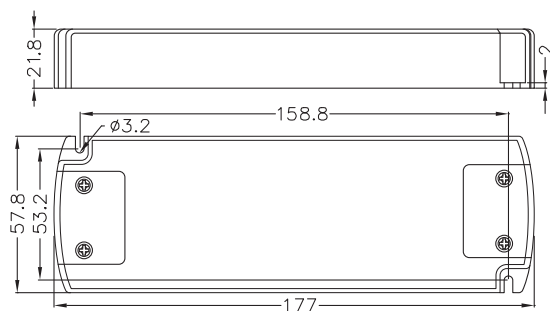
TRIAC/IGBT

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

TRIAC/IGBT

Approvazioni / Approvals



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ALN024075.244

Alimentatore LED dimmerabile
Dimmable LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	24V
Output (CC)	1~3.125A
(W)	24~75W
Dimming range	10~100%
Power Factor (PF)	0.9
t _c	+85°C
t _a	+45°C
Dimensioni / Dimensions	170.4 x 56.5 x 31 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALN024150.244

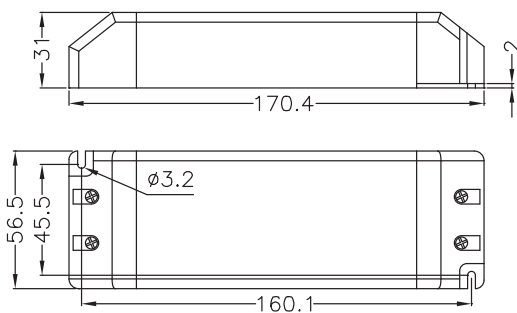
Alimentatore LED dimmerabile
Dimmable LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	24V
Output (CC)	1~6.25A
(W)	48~150W
Dimming range	10~100%
Power Factor (PF)	0.9
t _c	+90°C
t _a	+45°C
Dimensioni / Dimensions	195 x 67 x 31.5 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

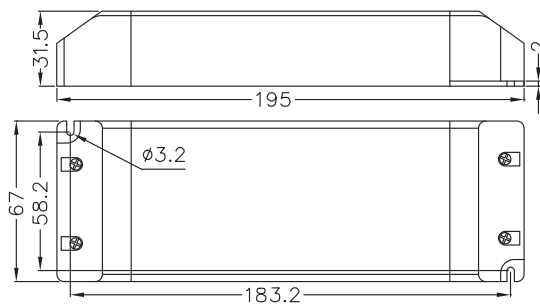
TRIAC/IGBT

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Morsetti a vite / Screw fixing

Dimmerabile / Dimmable

TRIAC/IGBT

Approvazioni / Approvals

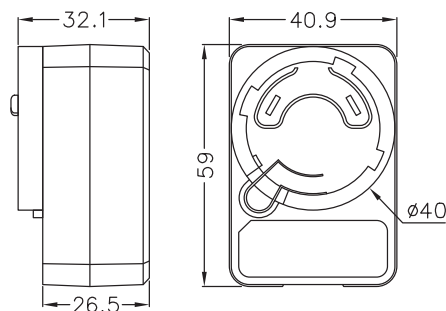


Scheda tecnica completa sul nostro sito
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ALS005010.370

Alimentatore LED a spina integrata
Wall mount LED power supply



Input	(Vac)	100~240V (50/60Hz)
	(Vdc)	5V
Output	(CC)	2A
	(W)	10W
t_c		+90°C
t_a		+40°C
Dimensioni / Dimensions		40.9 x 59 x 32.1 mm
Colore / Colour		Bianco / White

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

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



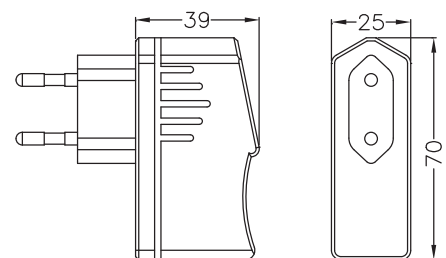
Scheda tecnica completa sul nostro sito
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ALS005015.260

Alimentatore LED a spina integrata
Wall mount LED power supply



Input	(Vac)	100~240V (50/60Hz)
	(Vdc)	5V
Output	(CC)	3A
	(W)	15W
t_c		+85°C
t_a		+40°C
Dimensioni / Dimensions		70 x 39 x 25 mm
Colore / Colour		Nero / Black

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

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
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ALS012012

Alimentatore LED a spina integrata
Wall mount LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	12V
Output (CC)	1A
(W)	12W
t_c	+75°C
t_a	+40°C
Dimensioni / Dimensions	77.5 x 40 x 22.4 mm
Colore / Colour	Trasparente o nero / Transparent or black

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALS012066.190

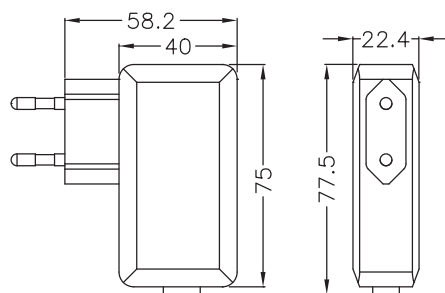
Alimentatore LED a spina integrata
Wall mount LED power supply



Input (Vac)	100~240V (50/60Hz)
(Vdc)	12V
Output (CC)	5.5A
(W)	66W
t_c	+75°C
t_a	+40°C
Dimensioni / Dimensions	120 x 50.4 x 30 mm
Colore / Colour	Nero / Black

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Fissaggio cavi / Cable fixing

Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Colore / Colour

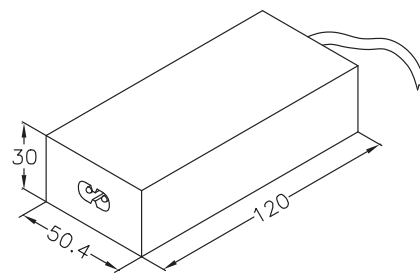
ALS012012.240: Nero / Black
ALS012012.241: Trasparente / Transparent

Approvazioni / Approvals



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Cavo / Cable

Cavo con spina Italia e connettore DC Ø 5.5
Cable with Italian plug and DC connector Ø 5.5

Approvazioni / Approvals



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ALS024012.240

Alimentatore LED a spina integrata
Wall mount LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	24V
Output (CC)	500mA
(W)	12W
t_c	+75°C
t_a	+40°C
Dimensioni / Dimensions	77.5 x 40 x 22.4 mm
Colore / Colour	Nero / Black

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm

ALS024024

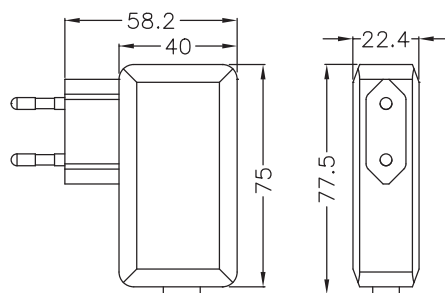
Alimentatore LED a spina integrata
Wall mount LED power supply



Input (Vac)	200~240V (50/60Hz)
(Vdc)	24V
Output (CC)	1A
(W)	24W
t_c	+80°C
t_a	+45°C
Dimensioni / Dimensions	91.5 x 64.3 x 27.7 mm
Colore / Colour	Nero, trasparente o bianco / Black, transparent or white

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%
Dimensionali / Dimensional: ±0.3/0.5mm



Fissaggio cavi / Cable fixing

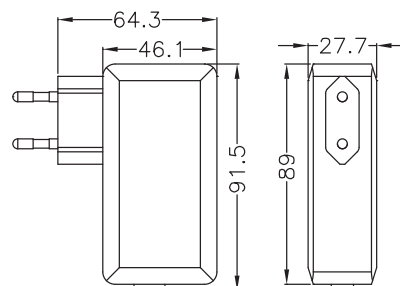
Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Approvazioni / Approvals



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Fissaggio cavi / Cable fixing

Connettore femmina 2 poli DIN +/-
2-pole DIN +/- female connector

Colore / Colour

ALS024024.240: Nero / Black
ALS024024.241: Trasparente / Transparent
ALS024024.242: Bianco / White

Approvazioni / Approvals



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ALS024036.371

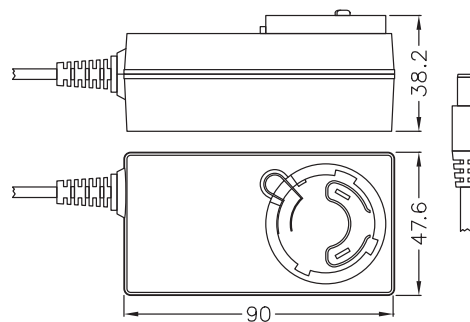
Alimentatore LED a spina integrata
Wall mount LED power supply



Input	(Vac)	100~240V (50/60Hz)
	(Vdc)	24V
Output	(CC)	1.5A
	(W)	36W
t_c		+80°C
t_a		+45°C
Dimensioni / Dimensions		90 x 47.6 x 38.2 mm
Colore / Colour		Nero / Black

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



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
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ALW012030.180

Alimentatore LED waterproof
Waterproof LED power supply



Input	(Vac)	170~250V (50/60Hz)
	(Vdc)	12V
Output	(CC)	2.5A
	(W)	30W
t_c		+85°C
t_a		/
Dimensioni / Dimensions		182 x 29 x 20 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

ALW012045.180

Alimentatore LED waterproof
Waterproof LED power supply



Input	(Vac)	170~250V (50/60Hz)
	(Vdc)	12V
Output	(CC)	3.75A
	(W)	45W
t_c		+85°C
t_a		/
Dimensioni / Dimensions		223 x 40 x 22 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%

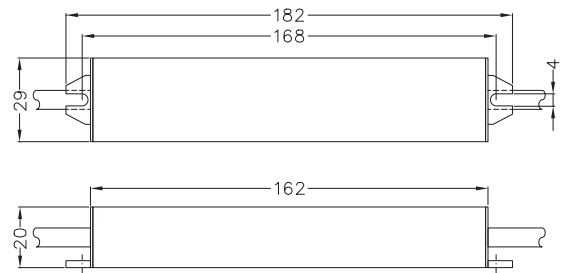
170

250

CV
out

IP67

1



Cavi / Cables

IN/OUT cm 20

Approvazioni / Approvals

CE IP67



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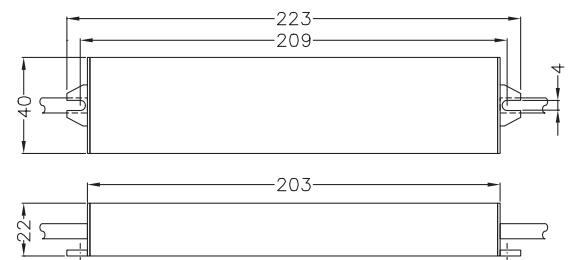
170

250

CV
out

IP67

1



Cavi / Cables

IN/OUT cm 20

Approvazioni / Approvals

CE IP67



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ALW012060.180

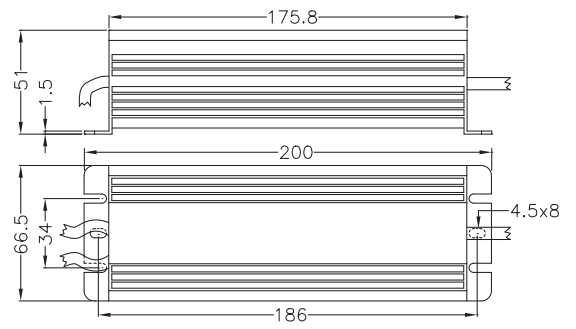
Alimentatore LED waterproof
Waterproof LED power supply



Input	(Vac)	170~250V (50/60Hz)
	(Vdc)	12V
Output	(CC)	5A
	(W)	60W
t_c		+85°C
t_a		/
Dimensioni / Dimensions		200 x 66.5 x 51 mm

Tolleranze / Tolerances

Valori elettrici / Electrical values (@25°): ±5%



Cavi / Cables

Doppia uscita / Double exit
IN/OUT cm 20

Approvazioni / Approvals

CE IP67



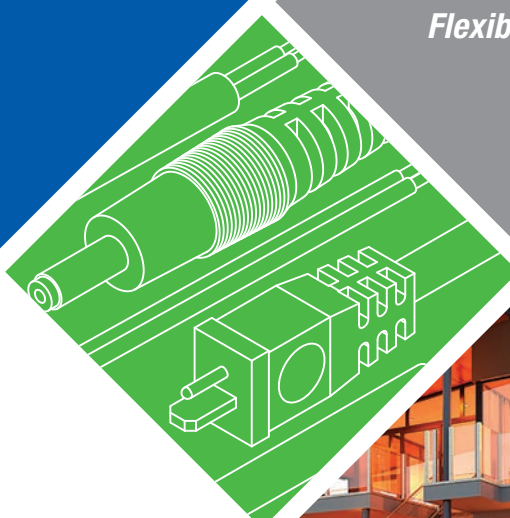
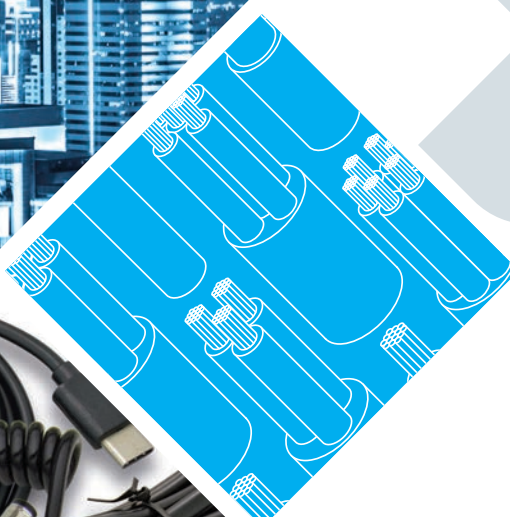
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10

Cavi flessibili
Flexible cables









Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

USB Type-A	
USB Type-C	
DC-plug	
Connettore 2 poli DIN +/- / 2-pole DIN +/- connector	
Numero di cavi interni / Number of internal cables	
Ordine minimo / Minimum order	











Colore guaina e/o cavi interni | Sheath 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	

Indice capitolo | Chapter contents

Cavi / Cables	
Flessibili / Flexibles	309 › 319
Flessibili con plug / Flexibles with plug	320 › 322

Simbologia tabelle | Symbology tables

Sezione 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
 CuNi = 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

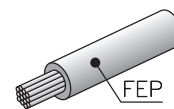
Note | Notes

I cavi di seguito riportati sono i più comunemente utilizzati, altri tipi su richiesta o sul sito www.easrl.com

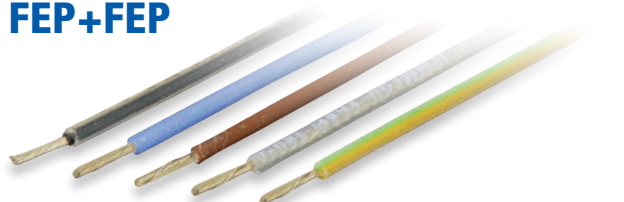
The following cables are the most used ones. Other types on request or on www.easrl.com

Cavo unipolare flessibile | *Unipolar flexible cable***FEP**

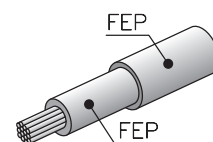
1x

Singolo isolamento FEP
FEP single insulation

Codice Code	Colore guaina Sheath colour	mm ² 	 ∅ mm	T _{max} °C	APPROVAL	 V	
92		AWG22	1.2	180°	CE	300/500	CuSn
93		AWG22	1.2	180°	CE	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

Cavo unipolare flessibile | *Unipolar flexible cable***FEP+FEP**

1x

Doppio isolamento FEP+FEP
FEP+FEP double insulation

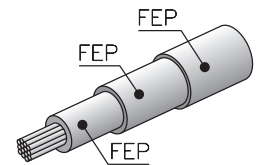
Codice Code	Colore guaina Sheath colour	mm ² 	 ∅ mm	T _{max} °C	APPROVAL	 V	
C3		AWG22	1.9	180°	VDE	300/500	CuSn
C6		AWG22	1.9	180°	VDE	300/500	CuSn
D6		AWG22	1.9	180°	VDE	300/500	CuSn
58		AWG20	2.1	180°	VDE	300/500	CuSn
63		AWG20	2.1	180°	VDE	300/500	CuSn
71		AWG20	2.1	180°	VDE	300/500	CuSn
79		AWG20	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
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www.easrl.com



Cavo unipolare flessibile | *Unipolar flexible cable***FEP+FEP+FEP**

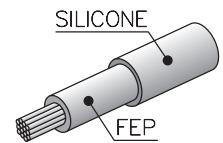
1x

Triplo isolamento **FEP+FEP+FEP**
FEP+FEP triple insulation

Codice Code	Colore guaina Sheath colour	mm ²	↓ ∅ mm	T _{max} °C	APPROVAL	V	↑
62	■	0.5	2.4	180°	IMQ	300/500	CuSn

Cavo unipolare flessibile | *Unipolar flexible cable***FEP+SILICONE**

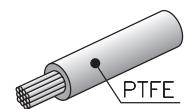
1x

Doppio isolamento **FEP+SILICONE**
FEP+SILICONE double insulation

Codice Code	Colore guaina Sheath colour	mm ²	↓ ∅ mm	T _{max} °C	APPROVAL	V	↑
66	■	1	4.8	180°	VDE*	300/500	CuSn

*Cavo interno / *Internal cable*Cavo unipolare flessibile | *Unipolar flexible cable***PTFE**

1x

Singolo isolamento **PTFE**
PTFE single insulation

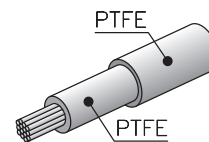
Codice Code	Colore guaina Sheath colour	mm ²	↓ ∅ mm	T _{max} °C	APPROVAL	V	KV	↑
L4	■	AWG20	1.5	180°	VDE	300/500	/	CuSn
S8	■	AWG20	1.5	180°	VDE	300/500	/	CuSn
90	■	AWG18	1.9	250°	UL / Style 1815	300/500	/	CuNk
C9	□	AWG18	1.9	250°	UL / Style 1815	300/500	/	CuNk
03	■	0.75	1.8	180°	VDE	300/500	/	CuSn
10	□	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

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Cavo unipolare flessibile | *Unipolar flexible cable***PTFE+PTFE**

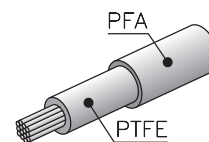
1x

Doppio isolamento **PTFE+PTFE**
PTFE+PTFE double insulation

Codice Code	Colore guaina Sheath colour	mm ² ↑	↓ Ø mm	T _{max} °C	APPROVAL	V	↑
T4		0.75	2.2	250°	VDE	300/500	CuNk
T5		0.75	2.2	250°	VDE	300/500	CuNk

Cavo unipolare flessibile | *Unipolar flexible cable***PTFE+PFA**

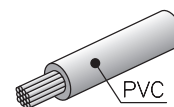
1x

Doppio isolamento **PTFE+PFA**
PTFE+PFA double insulation

Codice Code	Colore guaina Sheath colour	mm ² ↑	↓ Ø mm	T _{max} °C	APPROVAL	V	KV	↑
96		1	2.4	250°	VDE	300/500	/	CuNk
Q6		1	2.8	250°	VDE	300/500	5 KV	CuNk

Cavo unipolare flessibile | *Unipolar flexible cable***PVC**

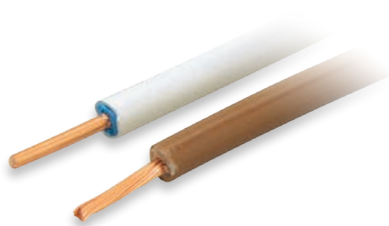
1x

Singolo isolamento **PVC**
PVC single insulation

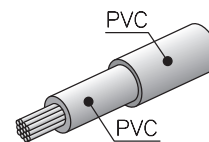
Codice Code	Colore guaina Sheath colour	mm ² ↑	↓ Ø mm	T _{max} °C	APPROVAL	V	↑
NR		AWG22	1.25	80°	UL / Style 1061	300	CuSn
NS		AWG22	1.25	80°	UL / Style 1061	300	CuSn
U4		0.5	2.1	90°	IMQ-HAR	300/500	Cu
U5		0.5	2.1	90°	IMQ-HAR	300/500	Cu

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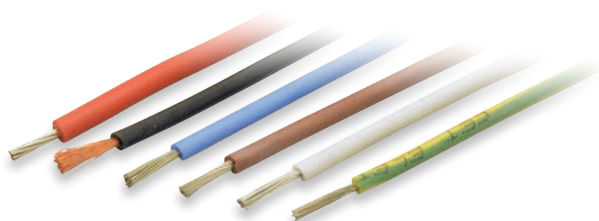


Cavo unipolare flessibile | *Unipolar flexible cable***PVC+PVC**

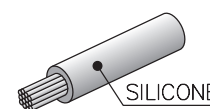
1x

Doppio isolamento **PVC+PVC**
PVC+PVC double insulation

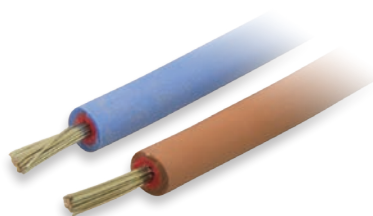
Codice Code	Colore guaina Sheath colour	mm ²	↓ Ø mm	T _{max} °C	APPROVAL	V	↑
Q8		0.75	3	70°	IMQ-HAR	300/500	Cu
S6*		1	3	90°	IMQ-HAR	300/500	Cu

*Rigido / *Rigid*Cavo unipolare flessibile | *Unipolar flexible cable***SILICONE**

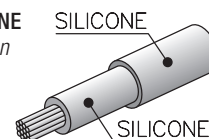
1x

Singolo isolamento **SILICONE**
SILICONE single insulation

Codice Code	Colore guaina Sheath colour	mm ²	↓ Ø mm	T _{max} °C	APPROVAL	V	KV	↑
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*Cavo unipolare flessibile | *Unipolar flexible cable***SILICONE+SILICONE**

1x

Doppio isolamento **SILICONE+SILICONE**
SILICONE+SILICONE double insulation

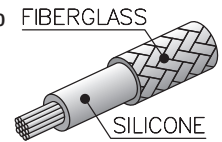
Codice Code	Colore guaina Sheath colour	mm ²	↓ Ø mm	T _{max} °C	APPROVAL	V	KV	↑
P7		1	3.7	180°	VDE	300/500	5 KV	CuSn
P8		1	3.7	180°	VDE	300/500	5 KV	CuSn

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Cavo unipolare flessibile | *Unipolar flexible cable***SILICONE+FIBERGLASS**

1x

Singolo isolamento, con calza di vetro
Single insulation, with fiberglass

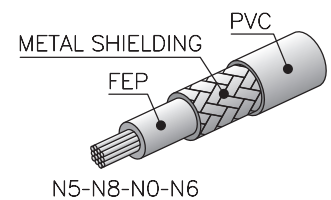
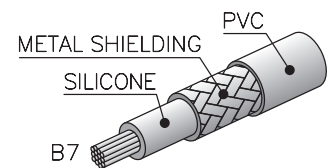
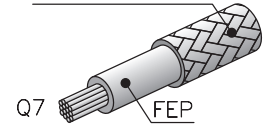
Codice Code	Colore guaina Sheath colour	mm ²	↓ ∅ mm	T _{max} °C	APPROVAL	V	↑
25	□	0.75	2.9	130°	IMQ-HAR	300/500	Cu
48	□	0.75	2.9	130°	IMQ-HAR	300/500	Cu
64	■	1	3.2	130°	IMQ-HAR	300/500	Cu
B6	■	1.5	3.4	130°	IMQ-HAR	300/500	Cu

Cavo unipolare flessibile | *Unipolar flexible cable***COAXIAL**

1x

Coassiale
Coaxial

METAL SHIELDING



Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	Cavo / Guaina Cable / sheath	mm ²	↓ ∅ mm	T _{max} °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°	UL Style 1581	300/500	CuSn	CuSn
N5	□	■	FEP / PVC	AWG20	2.8	180°/65°	UL Style 1581	300/500	Cu	CuSn
N8	■	■	FEP / PVC	AWG20	2.8	180°/65°	UL Style 1581	300/500	CuSn	CuSn
N6	□	■	FEP / PVC	AWG19/0.75	2.9	180°/65°	UL Style 1581	300/500	CuSn	CuSn
B7	■	□	Silicone / PVC	0.75	3.7	180°	VDE	300	CuSn	Cu

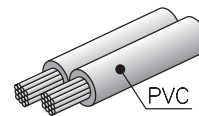
N.B.: Approvazioni solo per cavi interni / *Approvals only for internal cable*

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Cavo piatto flessibile bipolare | *Bipolar flexible flat cable***PVC**

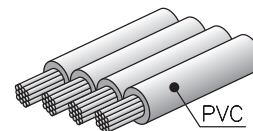
2x

Singolo isolamento PVC
PVC single insulation

Codice Code	Colore guaina Sheath colour	mm ²	↓ ∅ 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

Cavo piatto flessibile quadripolare | *Quadripolar flexible flat cable***PVC**

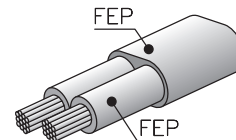
4x

Singolo isolamento PVC
PVC single insulation

Codice Code	Colore guaina Sheath colour	mm ²	↓ ∅ mm	T _{max} °C	APPROVAL	V	↑
7K		4 x AWG20	5.4 x 1.4	80°	UL Style 1007	300	CuSn

Cavo piatto flessibile bipolare | *Bipolar flexible flat cable***FEP+FEP**

2x

Doppio isolamento FEP+FEP
FEP+FEP double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	A B 3.7 x 2.2	T _{max} °C	APPROVAL	V	↑
36			AWG20	1.5		180°	VDE*	300/500	CuSn

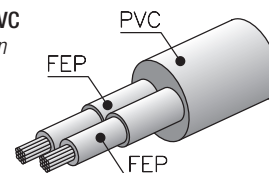
*Cavo interno / *Internal cable*

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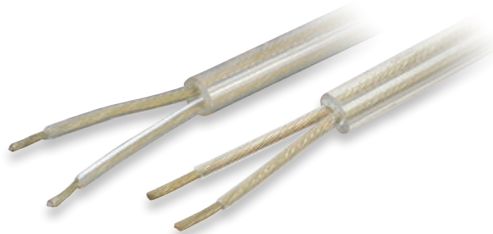


Cavo tondo flessibile bipolare | *Bipolar flexible round cable***FEP+FEP+PVC**

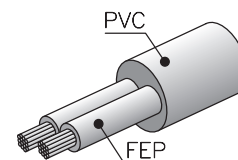
2x

Triplo isolamento **FEP+FEP+PVC**
FEP+FEP+PVC triple insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∞ ∅ 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

Cavo tondo flessibile bipolare | *Bipolar flexible round cable***FEP+PVC**

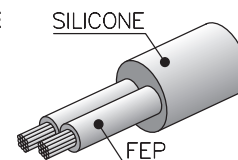
2x

Doppio isolamento **FEP+PVC**
FEP+PVC double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∞ ∅ mm	T _{max} °C	APPROVAL	V	↑
Q5			AWG22	1.6	3.6	108/105°	VDE	300/500	CuSn
S3			AWG18	1.6	5	200/105°	UL / Style 20242	300	CuSn
72			0.75	1.6	4.9	180/105°	IMQ	500/500	CuSn

Cavo tondo flessibile bipolare | *Bipolar flexible round cable***FEP+SILICONE**

2x

Doppio isolamento **FEP+SILICONE**
FEP+SILICONE double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∞ ∅ mm	T _{max} °C	APPROVAL	V	↑
L7			0.75	1.55	4.4	180°	IMQ	500	CuSn

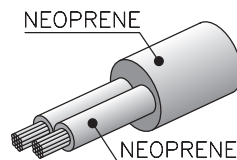
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Cavo tondo flessibile bipolare | *Bipolar flexible round cable***NEOPRENE H05RN-F**

2x

Doppio isolamento
NEOPRENE+NEOPRENE
NEOPRENE+NEOPRENE
double insulation

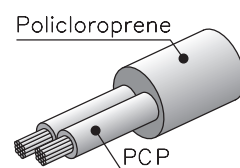


Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∞ ∅ mm	T _{max} °C	APPROVAL	V	↑
X5	■	■ ■	0.75	2.2	6.2	60°	IMQ-HAR	300/500	Cu

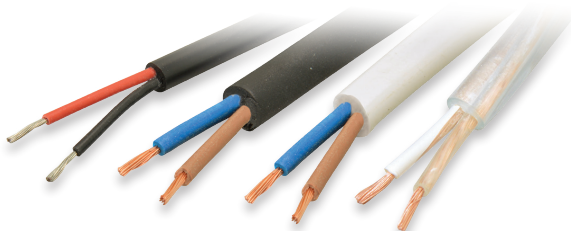
Cavo tondo flessibile bipolare | *Bipolar flexible round cable***PCP-Policloroprene**

2x

Doppio isolamento
PCP-Policloroprene
PCP-Policloroprene
double insulation

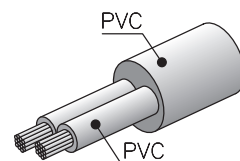


Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∞ ∅ mm	T _{max} °C	APPROVAL	V	↑
X0	■	■ ■	0.75	2.2	6.2	60°	/	300/500	Cu

Cavo tondo flessibile bipolare | *Bipolar flexible round cable***PVG+PVC**

2x

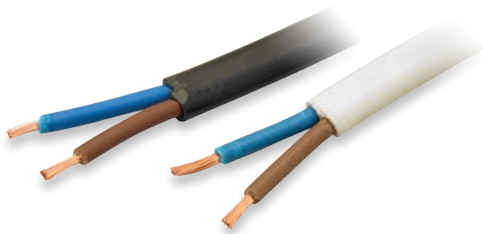
Doppio isolamento **PVC+PVC**
PVC+PVC double insulation



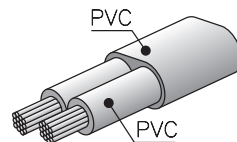
Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∞ ∅ mm	T _{max} °C	APPROVAL	V	↑
NJ	■	■ ■	AWG22	1.5	3.6	105°	UL / Style 2464	300	CuSn
N7	■	■ ■	AWG22	1.5	4.2	105°	UL / Style 2103	300	CuSn
Q0	■	■ ■	0.75	2.2	5.3	70°	VDE	50/500	Cu
Q9	■	■ ■	0.75	2.2	5.3	70°	IMQ-HAR	300/300	Cu
S0	□	■ ■	0.75	2.2	5.3	70°	IMQ-HAR	300/300	Cu

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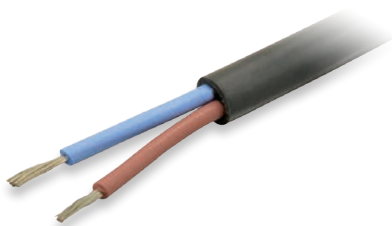


Cavo piatto flessibile bipolare | *Bipolar flexible flat cable***PVC+PVC**

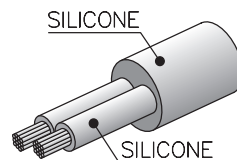
2x

Doppio isolamento **PVC+PVC**
PVC+PVC double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ 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
68	□	● ●	0.75	2.1	5.5 x 3.4	70°	IMQ-HAR	300/500	Cu
F1	□	● ●	1	2.1	6.6 x 4.3	70°	IMQ-HAR	300/500	Cu

Cavo tondo flessibile bipolare | *Bipolar flexible round cable***SILICONE+SILICONE**

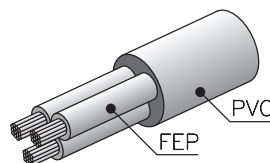
2x

Doppio isolamento **SILICONE+SILICONE**
SILICONE+SILICONE double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	↓ ∅ mm	T _{max} °C	APPROVAL	V	↑
F9	■	● ●	0.75	2.35	6.6	180°	IMQ-HAR	500	CuSn

Cavo tondo flessibile tripolare | *Tripolar flexible round cable***FEP+PVC**

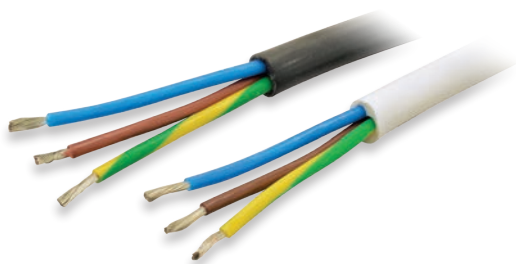
3x

Doppio isolamento **FEP+PVC**
FEP+PVC double insulation

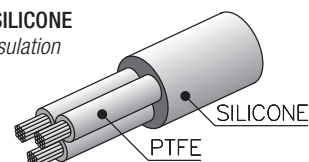
Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	↓ ∅ mm	T _{max} °C	APPROVAL	V	↑
S4	□	● ● ●	AWG18	1.9	5.4	200/105°	UL Style 20242	300	CuSn
8K	□	● ● ●	0.75	1.9	4.9	180/105°	IMQ	300/500	CuSn

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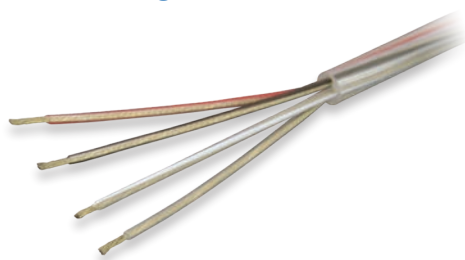


Cavo tondo flessibile tripolare | *Tripolar flexible round cable***PTFE+SILICONE**

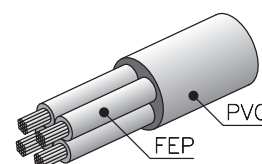
3x

Doppio isolamento **PTFE+SILICONE**
PTFE+SILICONE double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∅ 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

Cavo tondo flessibile quadripolare | *Quadripolar flexible round cable***FEP+PVC**

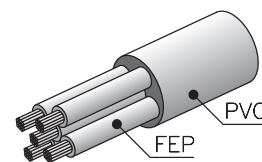
4x

Doppio isolamento **FEP+PVC**
FEP+PVC double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∅ mm	T _{max} °C	APPROVAL	V	KV	↑
L0	■	■ ■ ■ ■	0.5	1.45	4.8	180/105°	VDE	300/500		CuSn

Cavo tondo flessibile multipolare | *Multipolar flexible round cable***FEP+PVC**

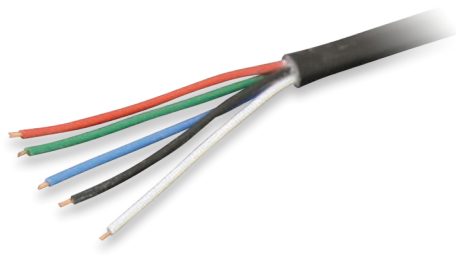
5x

Doppio isolamento **FEP+PVC**
FEP+PVC double insulation

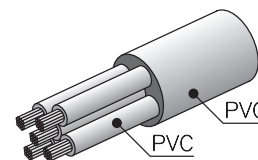
Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ ∅ mm	∅ mm	T _{max} °C	APPROVAL	V	KV	↑
Z7	■	■ ■ ■ ■ ■	0.75	1.65	5.8	180/105°	IMQ	300/500		CuSn

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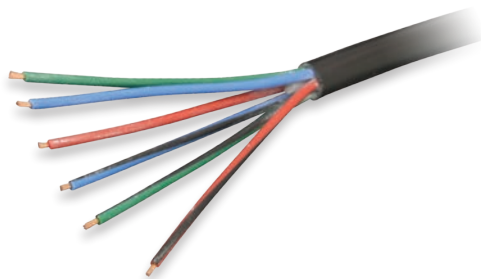


Cavo tondo flessibile multipolare | *Multipolar flexible round cable***PVC+PVC**

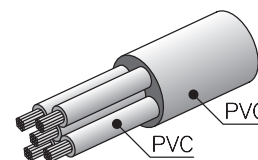
5x

Doppio isolamento **PVC+PVC**
PVC+PVC double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ Ø mm	↓ Ø mm	T _{max} °C	APPROVAL	V	↑
J7			0.25	1.26	4.7	105°		300/300	Cu

Cavo tondo flessibile multipolare | *Multipolar flexible round cable***PVC+PVC**

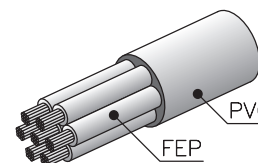
6x

Doppio isolamento **PVC+PVC**
PVC+PVC double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ Ø mm	↓ Ø mm	T _{max} °C	APPROVAL	V	↑
J6			0.25	1.26	5	105°		300/300	Cu

Cavo tondo flessibile multipolare | *Multipolar flexible round cable***FEP+PVC**

7x

Doppio isolamento **FEP+PVC**
FEP+PVC double insulation

Codice Code	Colore guaina Sheath colour	Cavi interni Internal cables	mm ²	↓ 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
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CAV017

Cavo di collegamento piatto bipolare
Bipolar flat connection cable



2x

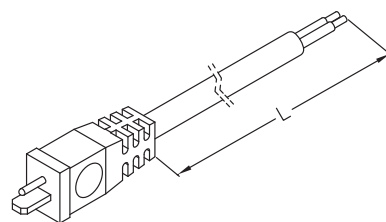
DIN +/-

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	mm ²	↓ ∅ 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	■	■ ■	0.75	2.2	5.8 x 3.7	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
CAV017B8.250	■	■ ■	0.75	2.15	5.5 x 3.5	250 cm	TUV	300/300
CAV017B8.265	■	■ ■	0.75	2.15	5.5 x 3.5	265 cm	TUV	300/300

CAV017

Cavo di collegamento piatto bipolare
Bipolar flat connection cable



2x

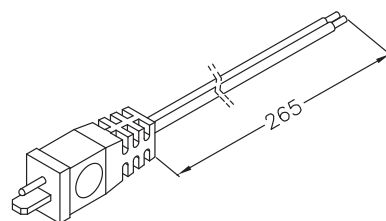
DIN +/-

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	mm ²	↓ ∅ 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
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CAV017

Cavo di collegamento tondo bipolare
Bipolar round connection cable



2x

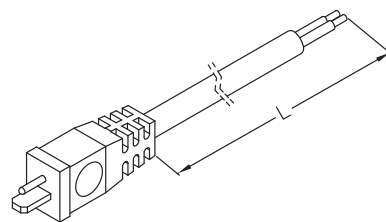
DIN +/-

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	mm ²	↓ Ø mm	↙ Ø mm	Lunghezza Length	APPROVAL	V
CAV017T0.200.01	■	■ ■	0.5	1.9	5.1	200 cm + Switch (150 cm + 50 cm)	VDE	300/300
CAV017Q0.150	■	■ ■	0.75	2.15	5.8	150 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



USB-A

USB-C

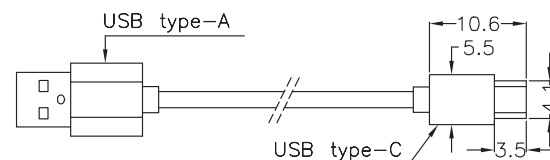
1

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	mm ²	↓ Ø mm	Lunghezza Length
CAV020.00	■	AWG22	3	200 cm

Schede tecniche complete sul nostro sito
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CAV021.00

avo USB Type-A / DC-plug
USB Type-A / DC-plug cable

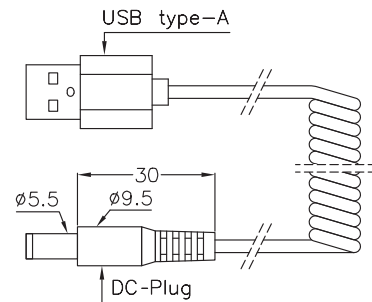


Utilizzabile con:

- 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	mm ² ↑	↓ Ø mm	Lunghezza Lenght
CAV021.00	■	AWG22	3	200 cm

CNT011.00

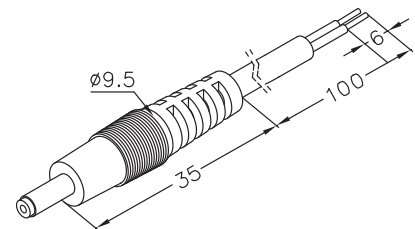
Cavo tondo flessibile bipolare
Bipolar flexible round cable



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	mm ² ↑	↓ 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
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11

Accessori LED
LED accessories



Legenda e indice capitolo | Legend and chapter index

Simbologia | Symbols

Tensione di rete 220~240Vac / 220~240Vac main voltage



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



Indice capitolo | Chapter contents

Accessori LED / LED accessories

PAD termici / Thermal PADS



325 › 326

Ottiche / Lenses

327 › 335

Cover di protezione / Protection covers

336 › 338

Sistemi di raffreddamento / Cooling systems

339 › 341

Accessori elettronica / Electronic accessories

342 › 346

Accessori cavi / Cable accessories

347 › 350

Tolleranze | Tolerances

Dimensionali / Dimensional: $\pm 0.15\text{mm}$
 \emptyset fori / hole \emptyset : $\pm 0.1\text{mm}$

Alimentatore/Driver | Power supply unit/Driver

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

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

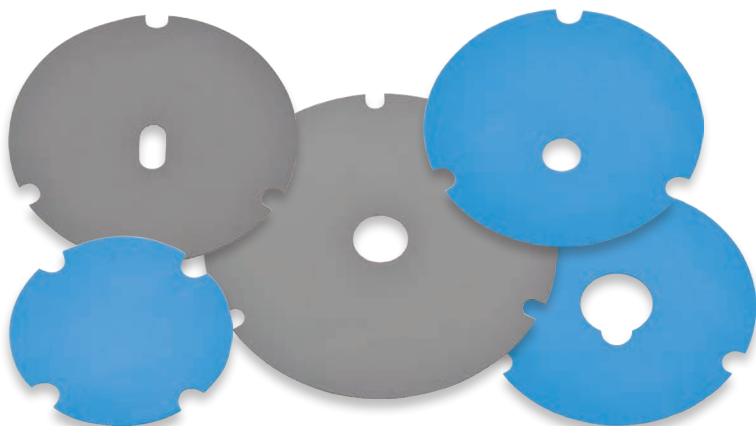
Note | Notes

Le lampadine LED 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 danneggiare le schede e/o apportare modifiche alle stesse ed evitare di collegarle ad un alimentatore o driver sotto tensione.

LED bulbs 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.

PAD

PAD termico preformato mono adesivo e biadesivo
Preformed mono adhesive or double-sided adhesive thermal PAD



Codice / Code	Ø mm	Tipo / Type
PAD.M08S.X001	31	Mono adesivo / Mono adhesive
PAD.B05S.X006		Biadesivo / Double-sided adhesive
PAD.B05S.C094	44	Biadesivo / Double-sided adhesive
PAD.M08S.X002	44	Mono adesivo / Mono adhesive
PAD.B05S.X004		Biadesivo / Double-sided adhesive
PAD.M08S.X003	48	Mono adesivo / Mono adhesive
PAD.B05S.X001		Biadesivo / Double-sided adhesive
PAD.B05S.C110	48	Biadesivo / Double-sided adhesive
PAD.M08S.X004	68	Mono adesivo / Mono adhesive
PAD.B05S.X005		Biadesivo / Double-sided adhesive
PAD.M08S.X006	78	Mono adesivo / Mono adhesive
PAD.B05S.X009		Biadesivo / Double-sided adhesive
PAD.M08S.X005	98	Mono adesivo / Mono adhesive
PAD.B05S.X002		Biadesivo / Double-sided adhesive

PAD002.01

PAD termico preformato mono adesivo e non adesivo in graphite
Preformed mono adhesive and not adhesive graphite thermal PAD



Codice / Code	Ø mm	Tipo / Type
PAD002.01.004	32.4	Non adesivo / Not adhesive
PAD002.01.002	45	Mono adesivo / Mono adhesive
PAD002.01.001	67	Non adesivo / Not adhesive
PAD002.01.003	96	Non adesivo / Not adhesive



Spessore / Thickness

0.25 mm

Conduttività / Conductivity

Biadesivo / Double-sided adhesive: 1W/mk
Mono adesivo / Mono adhesive: 1.5W/mk

Altre forme / Other shapes

A richiesta / On request



Abbinabile a schede LED / Combined with LED board

CL075 / CL147 / CL166

CL094

CL094 / CL148

*CL078 / CL148

CL150

/

CL076 / CL151

CL360

CL149 / CL152 / CL193 / CL361

* Solo con uscita laterale cavo / Only with side exit cable



Spessore / Thickness

0.30 mm

Conduttività / Conductivity

4W/mk verticale / vertical
500W/mk orizzontale / horizontal

Altre forme / Other shapes

A richiesta / On request



Abbinabile a schede LED / Combined with LED board

CL075 / CL147 / CL166

CL078 / CL094 / CL148 / CL150

CL076 / CL151 / CL082

CL149 / CL152 / CL193 / CL361

Schede tecniche complete sul nostro sito
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PAD00...

PAD termico biadesivo e mono adesivo
Double-sided adhesive and mono adhesive thermal PAD

Spessore / Thickness		0.25 mm
PAD005.00 Biadesivo Double-sided adhesive	Conducibilità / Conductivity	1W/mk
	Larghezza / Width	1250 mm
	Lunghezza / Length	A richiesta / On request
PAD008.00 Mono adesivo Mono adhesive	Conducibilità / Conductivity	1.5W/mk
	Larghezza / Width	300 mm
	Lunghezza / Length	A richiesta / On request



PAD007.01

PAD termico biadesivo
Double-sided adhesive thermal PAD

Spessore / Thickness	0.25 mm
Conducibilità / Conductivity	1.5W/mk
Larghezza / Width	8 mm
Bobina / Reel	25 metri / meter



PAD013.00

PAD termico biadesivo
Double-sided adhesive thermal PAD

Spessore / Thickness	0.25 mm
Conducibilità / Conductivity	1.5W/mk
Larghezza / Width	12 mm
Bobina / Reel	25 metri / meter



PAD002.00

PAD termico mono adesivo in grafite
Mono adhesive graphite thermal PAD

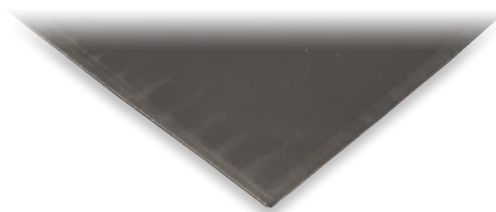
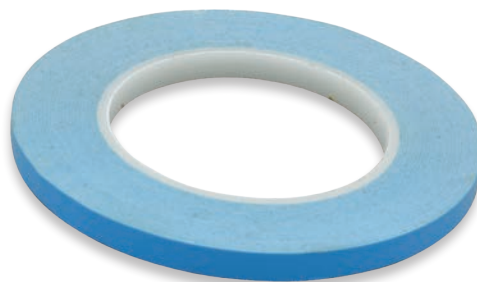
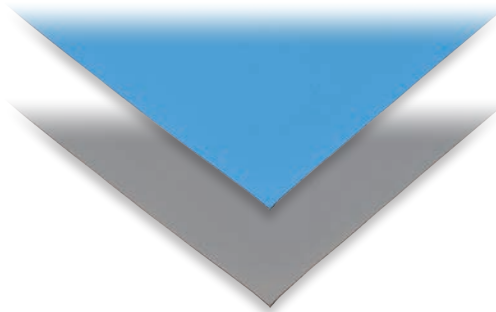
Spessore / Thickness	0.30 mm
Conducibilità / Conductivity	4W/mk verticale / vertical
	500W/mk orizzontale / horizontal
Dimensioni / Dimensions	300 x 300 mm



PAS001

Pasta termica dissipante per LED
LED dissipating thermal paste

Conducibilità / Conductivity	10.3W/mk
PAS001.00	Tubo da 50gr / 50gr. tube
PAS001.01	Tubo da 160gr / 160gr. tube



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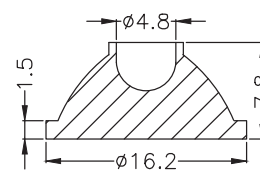


LL016.015.00

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



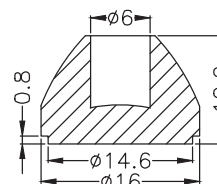
Materiale / Material
PMMA

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



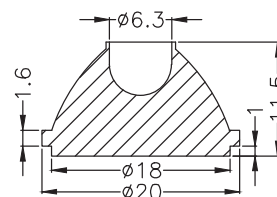
Materiale / Material
PMMA

LL020...

Lente singola in PMMA
PMMA single lens



Codice Code	Ø mm	h mm	Angolo Angle	Finitura Finishing
LL020.005.00			5°	Chiara / Clear
LL020.010.00			10°	Chiara / Clear
LL020.025.00	20	11.5	25°	Chiara / Clear
LL020.045.00			45°	Chiara / Clear
LL020.045.01			45°	Satinata / Frosted



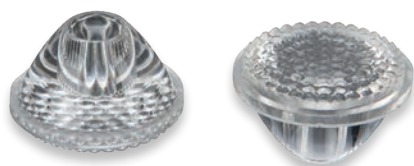
Materiale / Material
PMMA

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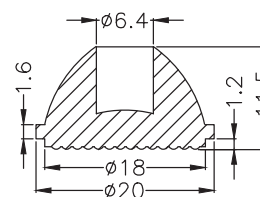


LL020...

Lente singola in PMMA
PMMA single lens



Codice Code	Ø mm	h mm	Angolo Angle	Finitura Finishing
LL020.040.00	20	11.5	40°	Puntinata / Dotted
LL020.060.02			60°	



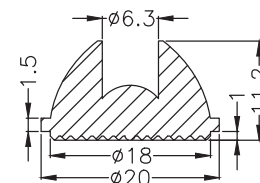
Materiale / Material
PMMA

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



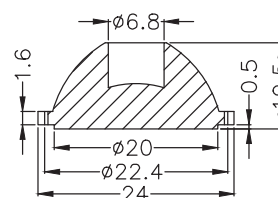
Materiale / Material
PMMA

LL022...

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°	



Materiale / Material
PMMA

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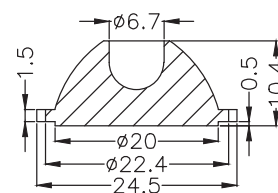


LL022.015.01

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



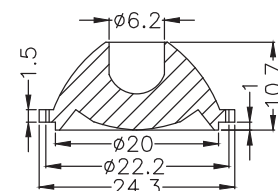
Materiale / Material
PMMA

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



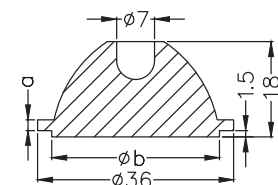
Materiale / Material
PMMA

LL036...

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			1.8	30.8	15°	
LL036.025.00	36	18	1.8	30.8	25°	Chiara / Clear
LL036.025.04			3.2	33	25°	



Materiale / Material
PMMA

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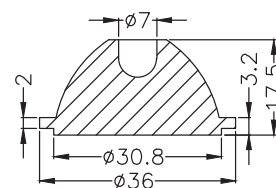


LL036.015.07

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



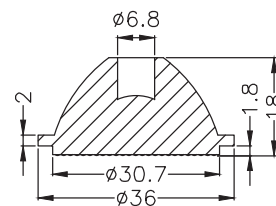
Materiale / Material
PMMA

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



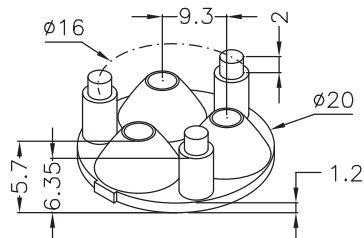
Materiale / Material
PMMA

LM020...

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°	



Materiale / Material
PMMA

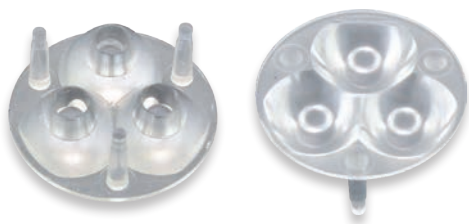
Utilizzabile con / Usable with
Scheda LED / LED board CL073

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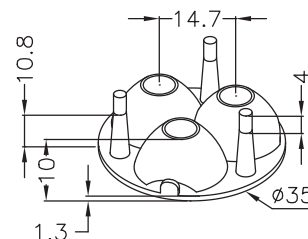


LM035.020.00

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	14.8	20°	Chiara / Clear



Materiale / Material

PMMA

Utilizzabile con / Usable with

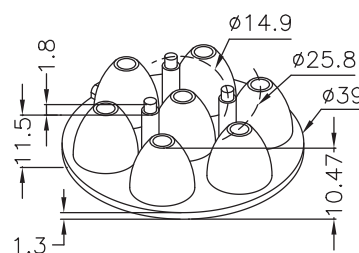
Scheda LED / LED board CL003

LM039...

Lente a otto posizioni in PMMA
Eight position lens in PMMA



Codice Code	Ø mm	h mm	Angolo Angle	Finitura Finishing
LM039.025.00	39	13.4	25°	Satinata / Frosted
LM039.040.00			40°	Puntiforme / Dotted



Materiale / Material

PMMA

Utilizzabile con / Usable with

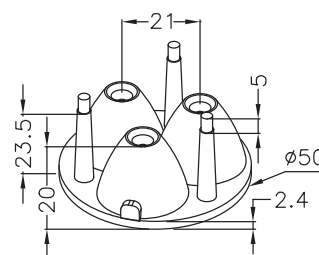
Scheda LED / LED board CL041

LM050...

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°	



Materiale / Material

PMMA

Utilizzabile con / Usable with

Scheda LED / LED board CL012, CL028, CL036

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LM050...

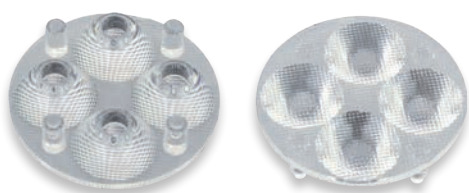
Lente a tre posizioni in PMMA
Three position lens in PMMA



Codice Code	Ø mm	h mm	Angolo Angle	Finitura Finishing
LM050.010.00			10°	Chiara / Clear
LM050.025.03	50	14.5	25°	Puntiforme / Dotted
LM050.040.03			40°	Puntiforme / Dotted

LM050.015.01

Lente a quattro posizioni in PMMA
Four position lens in PMMA



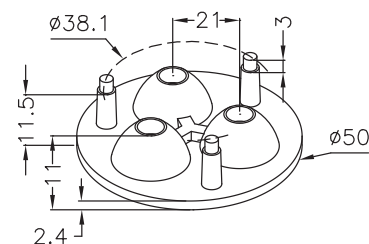
Codice Code	Ø mm	h mm	Angolo Angle	Finitura Finishing
LM050.015.01	50	13.5	15°	Puntiforme / Dotted

LM050...

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

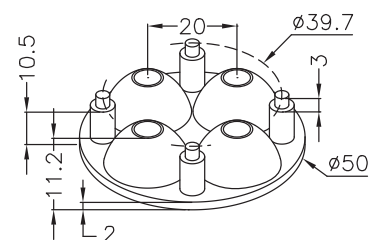


Materiale / Material

PMMA

Utilizzabile con / Usable with

Scheda LED / LED board CL012, CL028, CL036

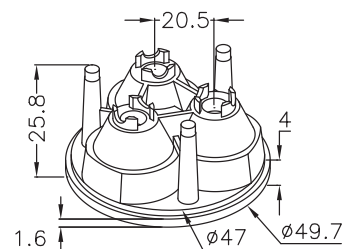


Materiale / Material

PMMA

Utilizzabile con / Usable with

Scheda LED / LED board CL024



Materiale / Material

PMMA

Utilizzabile con / Usable with

Scheda LED / LED board CL041

Schede tecniche complete sul nostro sito

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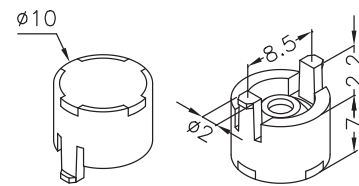


LL010.037.10

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



Materiale / Material
PMMA

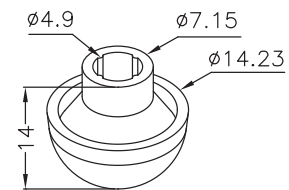
Utilizzabile con / Usable with
Scheda LED / LED board CL010

LL014.000...

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



Materiale / Material
PMMA

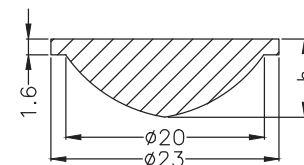
Utilizzabile con / Usable with
LED Ø 5 mm

LP023...

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	/	



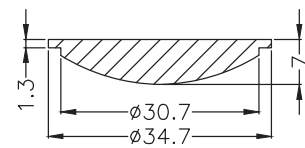
Materiale / Material
PMMA

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LP035.H07.06

Lente singola piano convessa in PMMA
PMMA single lens plano-convex

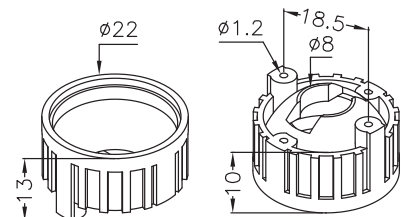


Codice Code	Ø mm	h mm	Angolo Angle	Finitura Finishing
LP035.H07.06	34.7	7	/	Diamante / Diamond

Materiale / Material
PMMA

COL020.01

Collimatore
Collimator



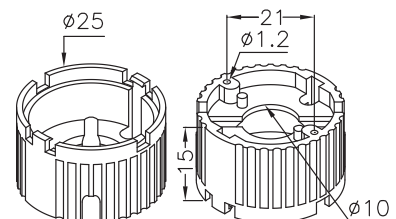
Codice Code	Ø mm	h mm
COL020.01	22	12

Abbinabile a / Combinable with

Lente Ø 20 mm serie LL020... da ordinare separatamente
Ø 20 mm LL020... lens series to be ordered separately

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

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

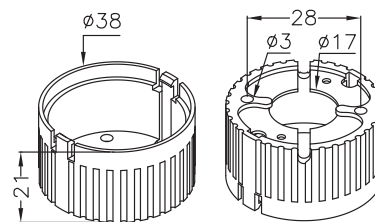


COL036.01

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

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
www.easrl.com

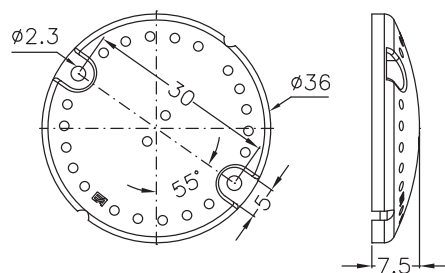


LL036.000

Cover di protezione in PC
PC protection cover



Codice / Code	Ø mm	h mm	Materiale / Material	Finitura / Finishing
LL036.000.00				Trasparente / Transparent
LL036.000.01	36	7.5	PC	Opale / Opal
LL036.000.03				Satinata / Frosted



Abbinabile a schede LED / Combined with LED board

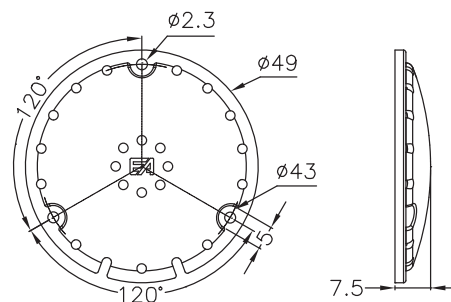
CL075 / CL147 / CL166 / CL381

LL049.000

Cover di protezione in PC
PC protection cover



Codice / Code	Ø mm	h mm	Materiale / Material	Finitura / Finishing
LL049.000.00				Trasparente / Transparent
LL049.000.01	49	7.5	PC	Opale / Opal
LL049.000.03				Satinata / Frosted



Abbinabile a schede LED / Combined with LED board

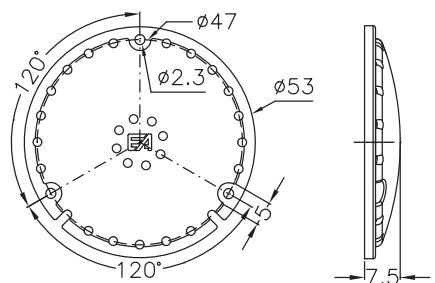
CL078 / CL094 / CL148 / CL382

LL053.000

Cover di protezione in PC
PC protection cover



Codice / Code	Ø mm	h mm	Materiale / Material	Finitura / Finishing
LL053.000.00				Trasparente / Transparent
LL053.000.01	53	7.5	PC	Opale / Opal
LL053.000.03				Satinata / Frosted



Abbinabile a schede LED / Combined with LED board

CL150

Schede tecniche complete sul nostro sito
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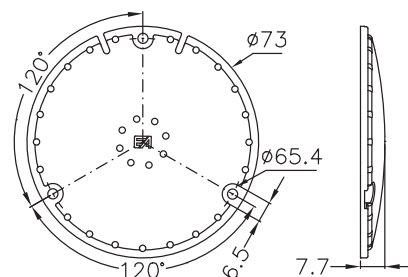


LL073.000

Cover di protezione in PC
PC protection cover



Codice / Code	Ø mm	h mm	Materiale / Material	Finitura / Finishing
LL073.000.00				Trasparente / Transparent
LL073.000.01	73	7.7	PC	Opale / Opal
LL073.000.03				Satinata / Frosted



Abbinabile a schede LED / Combined with LED board

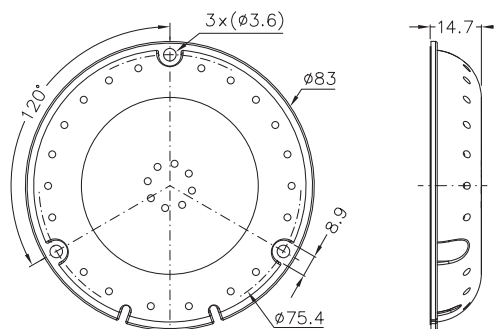
CL076 / CL151 / CL386

LL083.A00.00

Cover di protezione in PC
PC protection cover



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

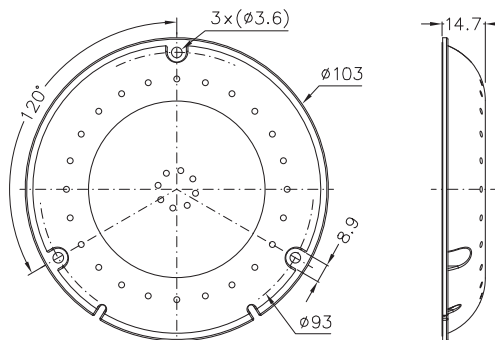
CL360

LL103.A00.00

Cover di protezione in PC
PC protection cover



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

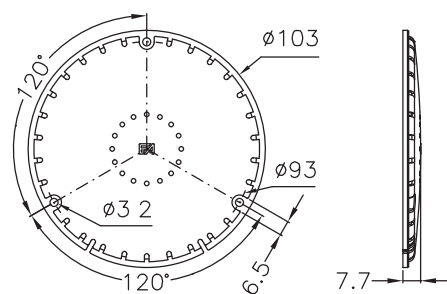
CL361

Schede tecniche complete sul nostro sito
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LL103.000

Cover di protezione in PC
PC protection cover



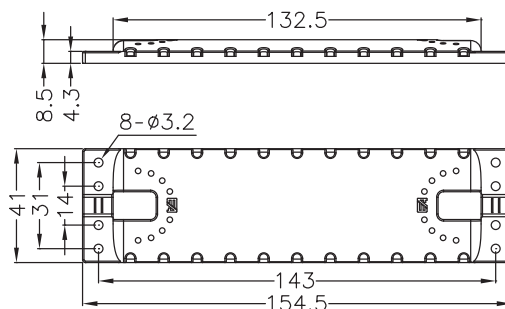
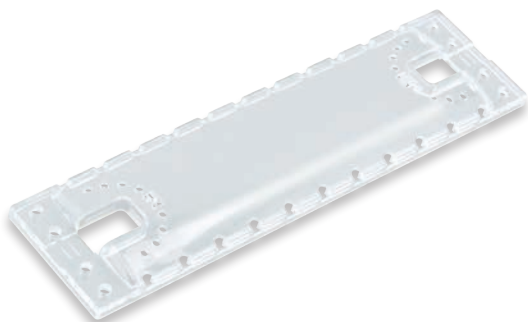
Codice / Code	Ø mm	h mm	Materiale / Material	Finitura / Finishing
LL103.000.00				Trasparente / Transparent
LL103.000.01	103	7.7	PC	Opale / Opal
LL103.000.03				Satinata / Frosted

Abbinabile a schede LED / Combined with LED board

CL149 / CL152 / CL193 / CL355

LL15441.000

Cover di protezione in PC
PC protection cover



Codice / Code	mm	h mm	Materiale / Material	Finitura / Finishing
LL15441.000.00				Trasparente / Transparent
LL15441.000.01	154.5 x 41	7.7	PC	Opale / Opal
LL15441.000.03				Satinata / Frosted

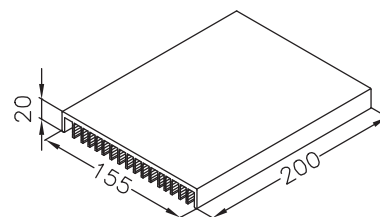
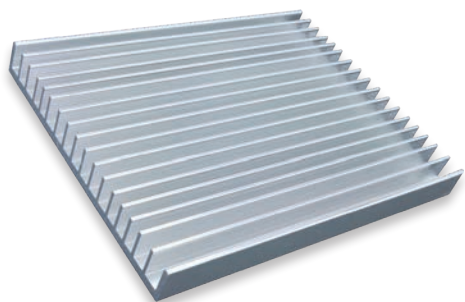
Abbinabile a schede LED / Combined with LED board

CL083



DIL210.0200...

Dissipatore in alluminio anodizzato
Anodized aluminium heatsink

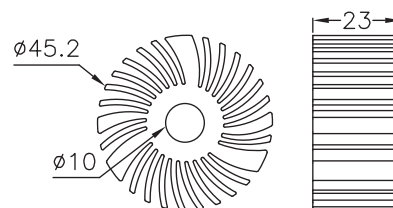


Codice Code	mm	Finitura Finishing
DIL210.0200.001	200 x 155 x 20	Anodizzato lucido / Polished anodized
DIL210.0200.002		Anodizzato nero / Black anodized

Potenza massima dissipata
Max. dissipated power
22W

DIS007.0023.001

Dissipatore in alluminio anodizzato
Anodized aluminium heatsink

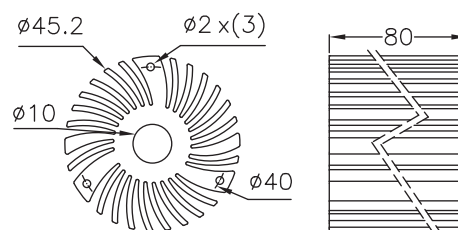


Codice Code	Ø mm	h mm	Foro centrale Central hole	Finitura Finishing
DIS007.0023.001	45.2	23	Ø 10 mm	Anodizzato lucido Polished anodized

Potenza massima dissipata
Max. dissipated power
4W

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

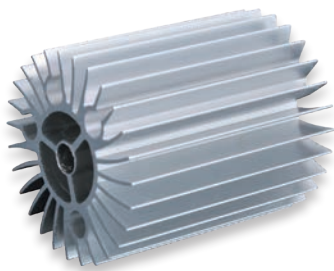
Potenza massima dissipata
Max. dissipated power
10W

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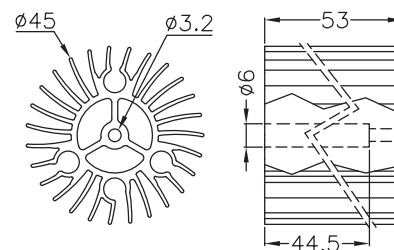


DIS1163.0530.011

Dissipatore in alluminio anodizzato
Anodized aluminium heatsink



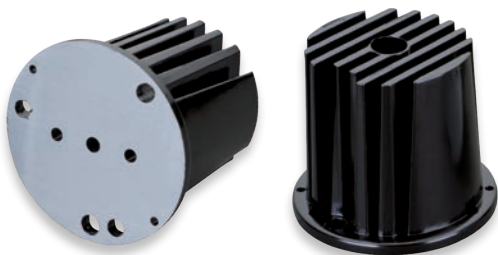
Codice Code	Ø mm	h mm	Foro centrale Central hole	Finitura Finishing
DIS1163.0530.011	45	23	Ø 3.2 mm	Anodizzato lucido Polished anodized



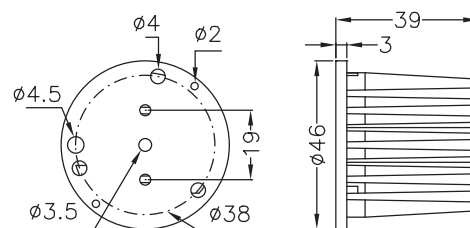
Potenza massima dissipata
Max. dissipated power
8W

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



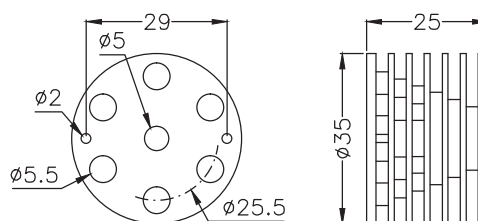
Potenza massima dissipata / Max. dissipated power
7W

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

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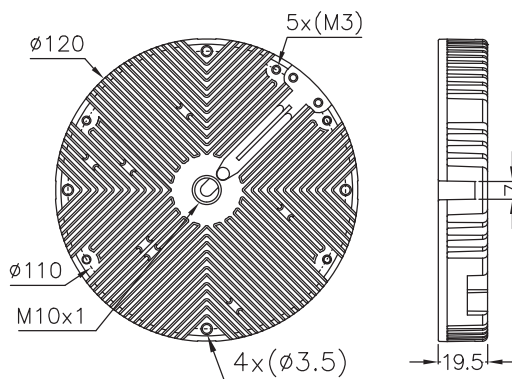


DISE07.0120.020

Dissipatore in alluminio anodizzato
Anodized aluminium heatsink



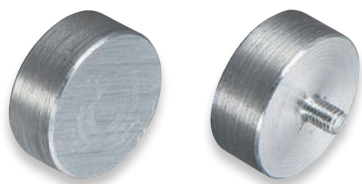
Codice Code	Ø mm	h mm	Foro centrale Central hole	Finitura Finishing
DISE07.0120.020	120	19.5	M10x1	Anodizzato nero Black anodized



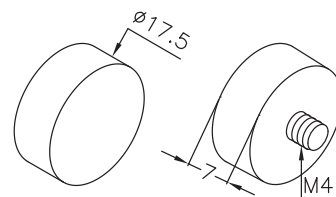
Potenza massima dissipata / Max. dissipated power
17W

SUP097.01

Supporto reggimolla in alluminio per 1/2 vetro
Aluminium spring holder support for 1/2 glass



Codice Code	Ø mm	h mm	Finitura Finishing
SUP097.01	17.5	7	Alluminio Aluminium



Potenza massima dissipata / Max. dissipated power
5W

Fissaggio / Fixing

Viti M3 (incluse) / M3 screws (included)

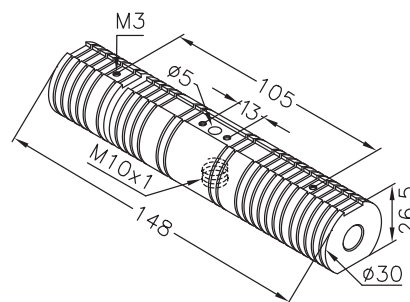
Esempio di assemblaggio | Assembly example | Cap. 12

SUP099.01

Supporto reggimolla in alluminio
Aluminium spring holder support



Codice Code	mm	Finitura Finishing
SUP099.01	Ø 30 x 148 mm	Alluminio Aluminium



Potenza massima dissipata / Max. dissipated power
10W

Fissaggio / Fixing

Viti M3 (incluse) / M3 screws (included)

Esempio di assemblaggio | Assembly example | Cap. 12

Schede tecniche complete sul nostro sito
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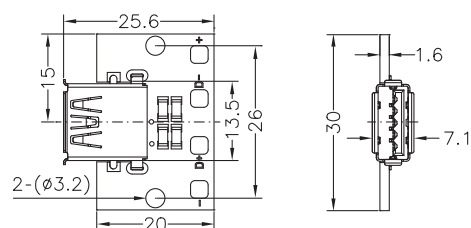
CNT033.01

Connettore USB Type-A
USB Type-A connector



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

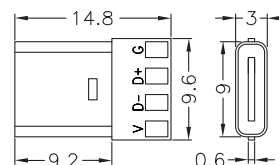
CNT24.SK.WW.SI.018

Connettore USB Type-C
USB Type-C connector



Connettore di alimentazione remoto USB Type-C.

USB Type-C remote power connector.



Utilizzabile con / It can be used with
Scheda di controllo CTC011A
CTC011A control electronic board

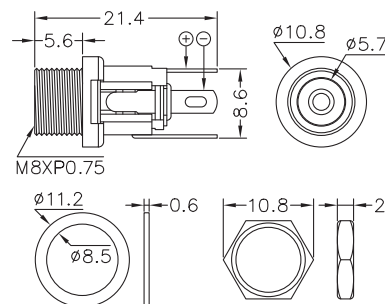
CNT02.SK.WW.BL.015

Connettore femmina DC-plug
Female DC-plug connector



Connettore di alimentazione remoto DC-plug femmina.

Female DC-plug remote power connector.



Utilizzabile con / It can be used with
Scheda di controllo CTC011A
CTC011A control electronic board

Schede tecniche complete sul nostro sito
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BAT005.00

Batteria ricaricabile al Li-ion
Rechargeable Li-ion battery



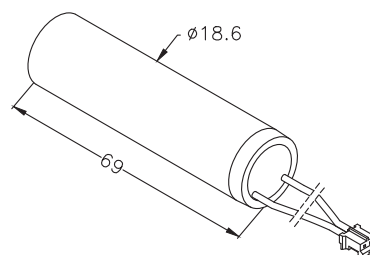
Caratteristiche elettriche Electrical characteristics

3.7V - 2600mAh - mod. 18650

Cavo Cable

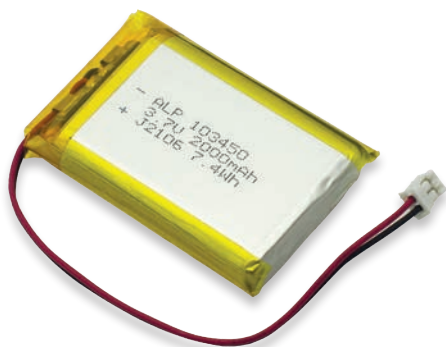
cm 20 completi di connettore
20-cm-long cable and plug connectors

Utilizzabile con / *It can be used with*
Scheda di controllo CTC011A
CTC011A control electronic board



BAT006.00

Batteria ricaricabile Li-Po
Rechargeable Li-Po battery



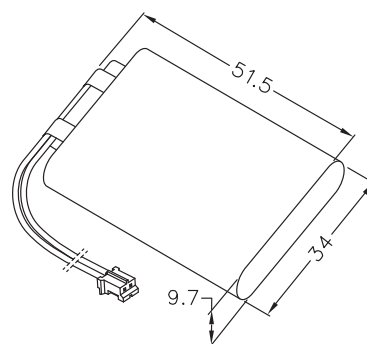
Caratteristiche elettriche Electrical characteristics

3.7V - 2000mAh - mod. 103450

Cavo Cable

cm 10 completi di connettore
10-cm-long cable and plug connectors

Utilizzabile con / *It can be used with*
Scheda di controllo CTC011A
CTC011A control electronic board



BAH.001.00

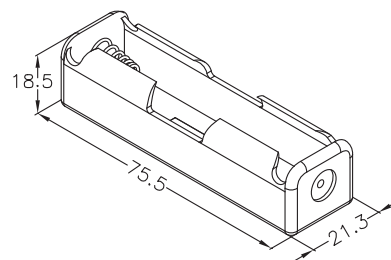
Custodia in plastica per batteria
Plastic holder for battery



Custodia in plastica per batteria Li-ion codice **BAT005.00**.

Plastic holder for Li-ion battery code **BAT005.00**.

Utilizzabile con / *It can be used with*
Scheda di controllo CTC011A
CTC011A control electronic board

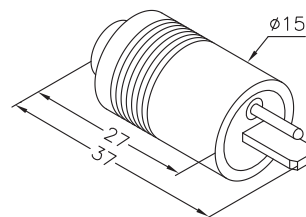


Schede tecniche complete sul nostro sito
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CNT014.00

Connettore maschio 2 poli DIN
2-pole DIN male connector



Connettore maschio 2 poli DIN +/-, per alimentatori e driver a spina integrata.

2-pole DIN +/- male connector, for wall mount power supplies and drivers.

Fissaggio cavi / Cable fixing

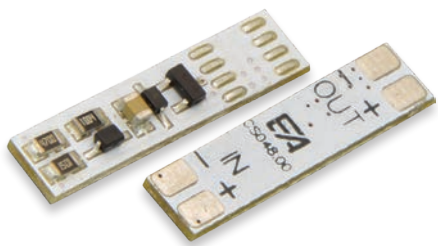
Morsetti a vite / Screw fixing

Schede tecniche complete sul nostro sito
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HPG001

Circuito di protezione da sovratensioni
Protection circuit against overvoltage



Input (CC)	Max 1A
Vf Load Range (V)	11~15*
PCB	FR4 1.3 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dimensioni / Dimensions	58.5 x 11 mm x h 4.8 mm

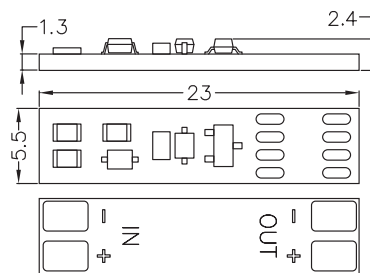
* Altre tensioni di carico a richiesta / Other Vf load ranges on request

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering 



Scheda tecnica completa sul nostro sito
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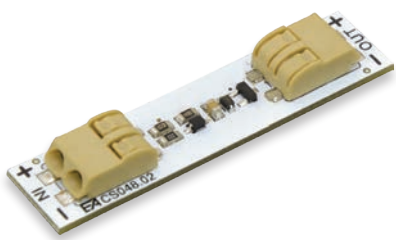
Indicaco quando si usano interruttori ON/OFF sul cavo in uscita dal driver o per driver che non hanno il "soft start".

Recommended when using ON/OFF switches on the output cable from the driver or for drivers not equipped with "soft start" device.

Schema di collegamento / Wiring layout | **Cap. 12**


HPG002

Circuito di protezione da sovratensioni
Protection circuit against overvoltage



Input (CC)	Max 1A
Vf Load Range (V)	36~39*
PCB	FR4 1.3 mm
Tmax	+65°C
t _a	-20°C ~ +40°C
Dimensioni / Dimensions	58.5 x 11 mm x h 4.8 mm

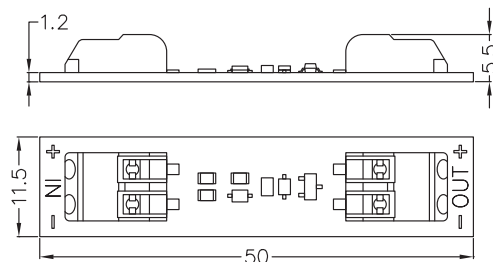
* Altre tensioni di carico a richiesta / Other Vf load ranges on request

Varianti e accessori da definire in fase d'ordine
Variants and accessories to be chosen when ordering 



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Indicaco quando si usano interruttori ON/OFF sul cavo in uscita dal driver o per driver che non hanno il "soft start".

Recommended when using ON/OFF switches on the output cable from the driver or for drivers not equipped with "soft start" device.

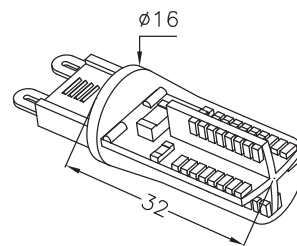
Schema di collegamento / Wiring layout | **Cap. 12**

G903240W.CS001

Lampadina LED G9 con protezione in silicone
G9 LED bulb with silicone cap



Input	220~240Vac
Max power	3W
Max lumen	240 lm
RA/CRI	CRI>80
CCT	3000K
Dimensioni / Dimensions	Ø 16 mm x h 32 mm

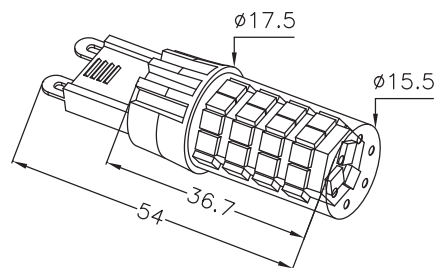


G905240W.CS002

Lampadina LED G9 con protezione in silicone
G9 LED bulb with silicone cap



Input	220~240Vac
Max power	5W
Max lumen	450 lm
RA/CRI	CRI>80
CCT	3000K
Dimensioni / Dimensions	Ø 17.5 mm x h 36.7 mm

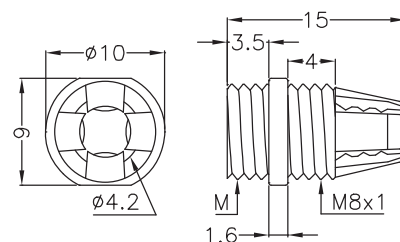


0103.003...

Mini bloccacavo
Mini cable clamp



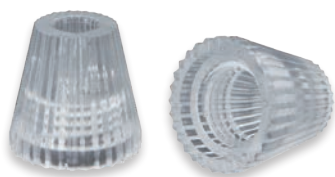
Codice Code	(M)	Cavo tondo / Round cable Ø min÷max
0103.003.01.103	M10x1	
0103.003.02.103	M8x1	2.3÷4 mm
0103.003.03.103	M6x1	



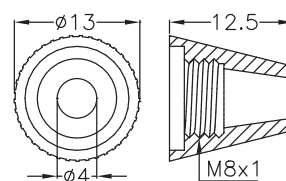
Materiale / Material
Policarbonato trasparente
Transparent polycarbonate

0105.003.01.103

Ghiera per mini bloccacavo
Ring for mini cable clamp



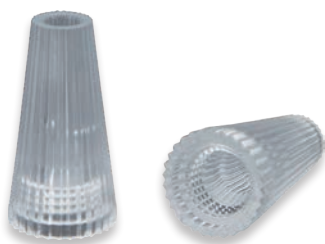
Codice Code	(M)	h mm
0105.003.01.103	M8x1 interno / internal	12.5



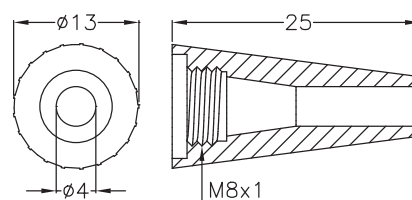
Materiale / Material
Policarbonato trasparente
Transparent polycarbonate

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

Schede tecniche complete sul nostro sito
Complete datasheets on our web site
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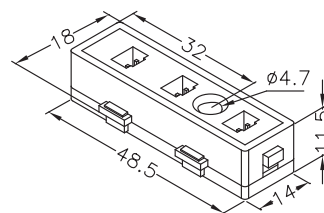


CNT017.00

Scatola di connessione in serie a 3 posizioni per connettori JST
3-position series junction box for JST connectors



Codice Code	Connessione Connection	Tensione max Max voltage	Carico max Max Load
CNT017.00	3 Ch - Serie / Series	24V	3A



Cavo / Cable: Non incluso / Not included

Le posizioni non utilizzate vanno chiuse con i ponticelli cod. CNT020.00.

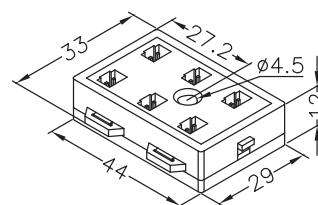
Unused positions must be closed with jumpers cod. CNT020.00.

CNT018.00

Scatola di connessione in serie a 6 posizioni per connettori JST
6-position series junction box for JST connectors



Codice Code	Connessione Connection	Tensione max Max voltage	Carico max Max Load
CNT018.00	6 Ch - Serie / Series	24V	3A



Cavo / Cable: Non incluso / Not included

Le posizioni non utilizzate vanno chiuse con i ponticelli cod. CNT020.00.

Unused positions must be closed with jumpers cod. CNT020.00.

CNT020.00

Connettore ponte per chiusura circuito in serie
Bridge connector to close series circuits

Per scatola di connessione **CNT017.00** e **CNT018.00**
For Junction box code **CNT017.00** and **CNT018.00**



SPEU8MM0500W9

Connettore femmina con contatto maschio
Female bridge connector with male contact

Cavo / Cable	2x0.35
Lunghezza / Length	50 cm
Varianti / Variants	A richiesta / On request



SPEU8MM0500W5

Connettore maschio con contatto femmina
Male bridge connector with female contact

Cavo / Cable	2x0.35
Lunghezza / Length	50 cm
Varianti / Variants	A richiesta / <i>On request</i>



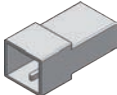
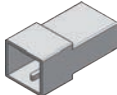
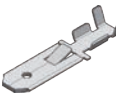
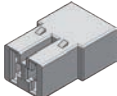
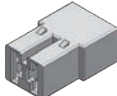
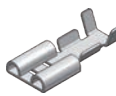
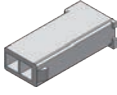


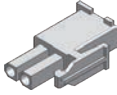
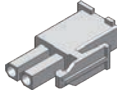

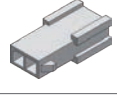
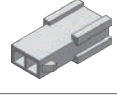
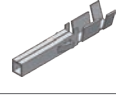
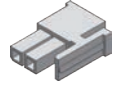
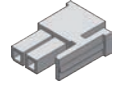
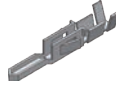
SPEU8MM0500W09

Connettore ponte maschio/femmina
Male/female bridge connector

Cavo / Cable	2x0.35
Lunghezza / Length	50 cm
Varianti / Variants	A richiesta / <i>On request</i>



Connettori isolanti / *Insulating connectors*

Codice / Code	Tipologia / Type		Abbinabile a / Combinable with	
BL001	Femmina <i>Female</i>	/		BL001 + FAS04  + 
BL002	Maschio <i>Male</i>	/		BL002 + FAS05  + 
BL004	Femmina <i>Female</i>	Mini		BL004 + PUN02  + 
BL011	Maschio <i>Male</i>	Mini		BL011 + PUN03  + 
BL012	Femmina <i>Female</i>	Micro		BL012 + CON37  + 
BL014	Maschio <i>Male</i>	Micro		BL014 + CON38  + 

Terminali / *terminals*

Codice / Code	Tipologia / Type		
FAS04	/	Maschio <i>Male</i>	
FAS05	/	Femmina <i>Female</i>	
PUN02	Mini	Maschio <i>Male</i>	
PUN03	Mini	Femmina <i>Female</i>	
CON37	Micro	Femmina <i>Female</i>	
CON38	Micro	Maschio <i>Male</i>	
PUN01	/	Puntale in ottone <i>Brass point</i>	
OCC06	Foro/hole Ø 3.1 mm	Ad occhiello <i>Ring</i>	
OCC01	Foro/hole Ø 4.2 mm	Ad occhiello <i>Ring</i>	
OCC22	Foro/hole Ø 10 mm	Ad occhiello <i>Ring</i>	

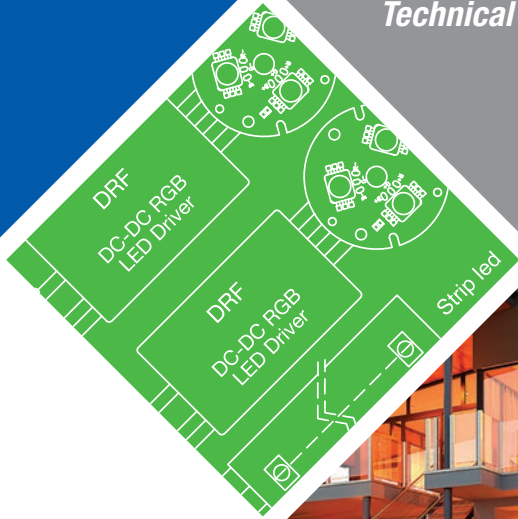


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12

Informazioni tecniche
Technical information



Informazioni tecniche / Technical information

Schemi tipici di collegamento ed esempi di assemblaggio
Typical wiring layout and assembly examples



353 › 371

Note | Notes

Qui di seguito vengono riportati alcuni schemi tipici di collegamento in corrente costante e in tensione costante per schede LED e Strip LED. **Attenzione:** evitare di collegare la scheda LED o la strip LED mentre l'alimentatore o il driver sono alimentati.

Per una maggiore resa luminosa, si consiglia di rialimentare le strip ogni 3 metri.

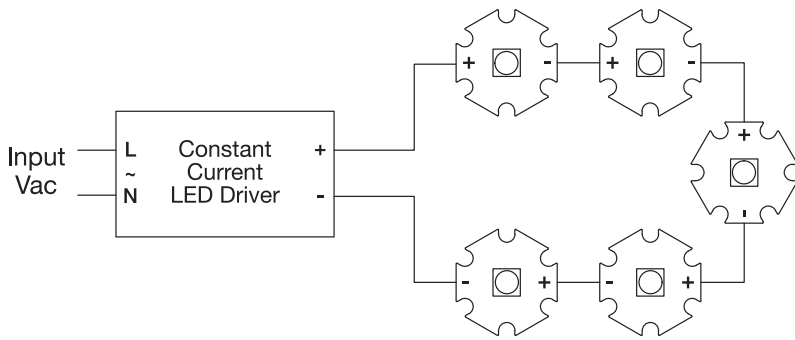
See below some typical wiring layouts for constant current and constant voltage LED boards and LED strips.

Warning: avoid connecting LED boards or LED strips to a powered supply unit or driver.

For better light efficiency, we suggest to supply LED strips every 3 meters.

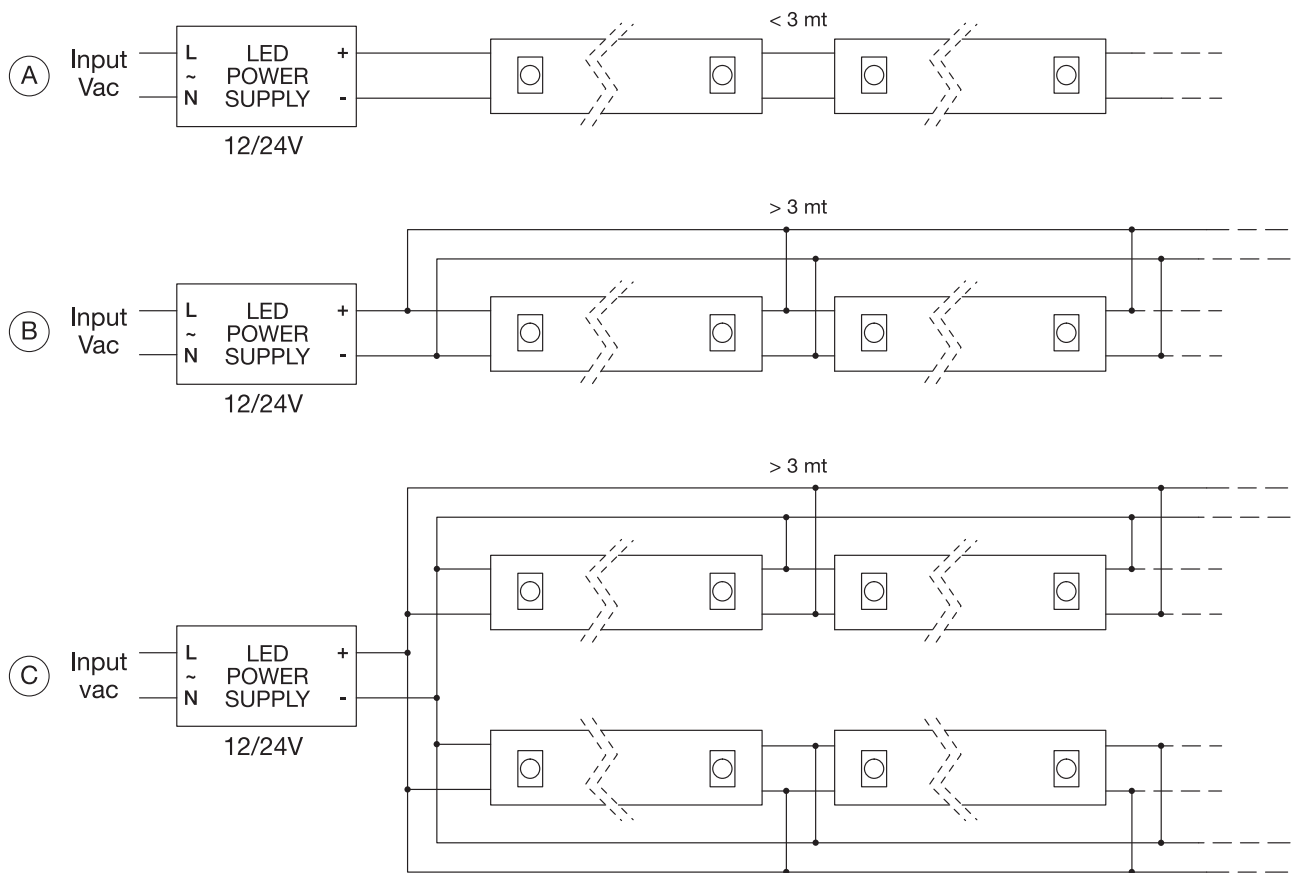
Schema tipico di collegamento | Typical wiring

Per driver LED a corrente costante
For constant current LED driver



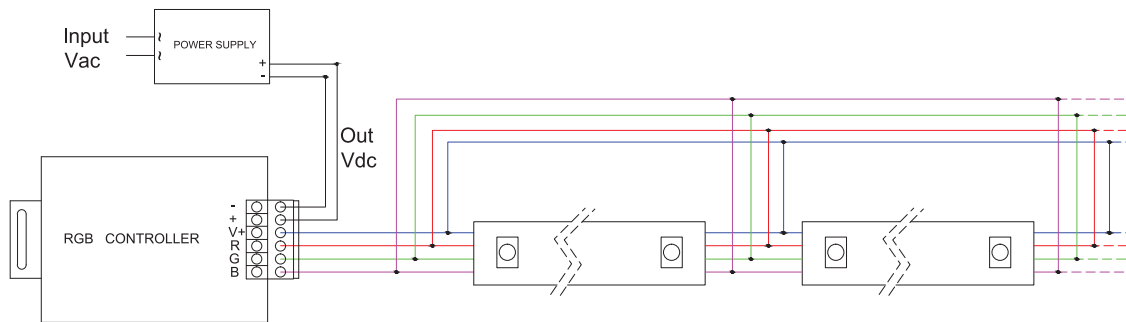
Schema tipico di collegamento | Typical wiring

Per alimentatori LED a tensione costante
For constant voltage LED power supply



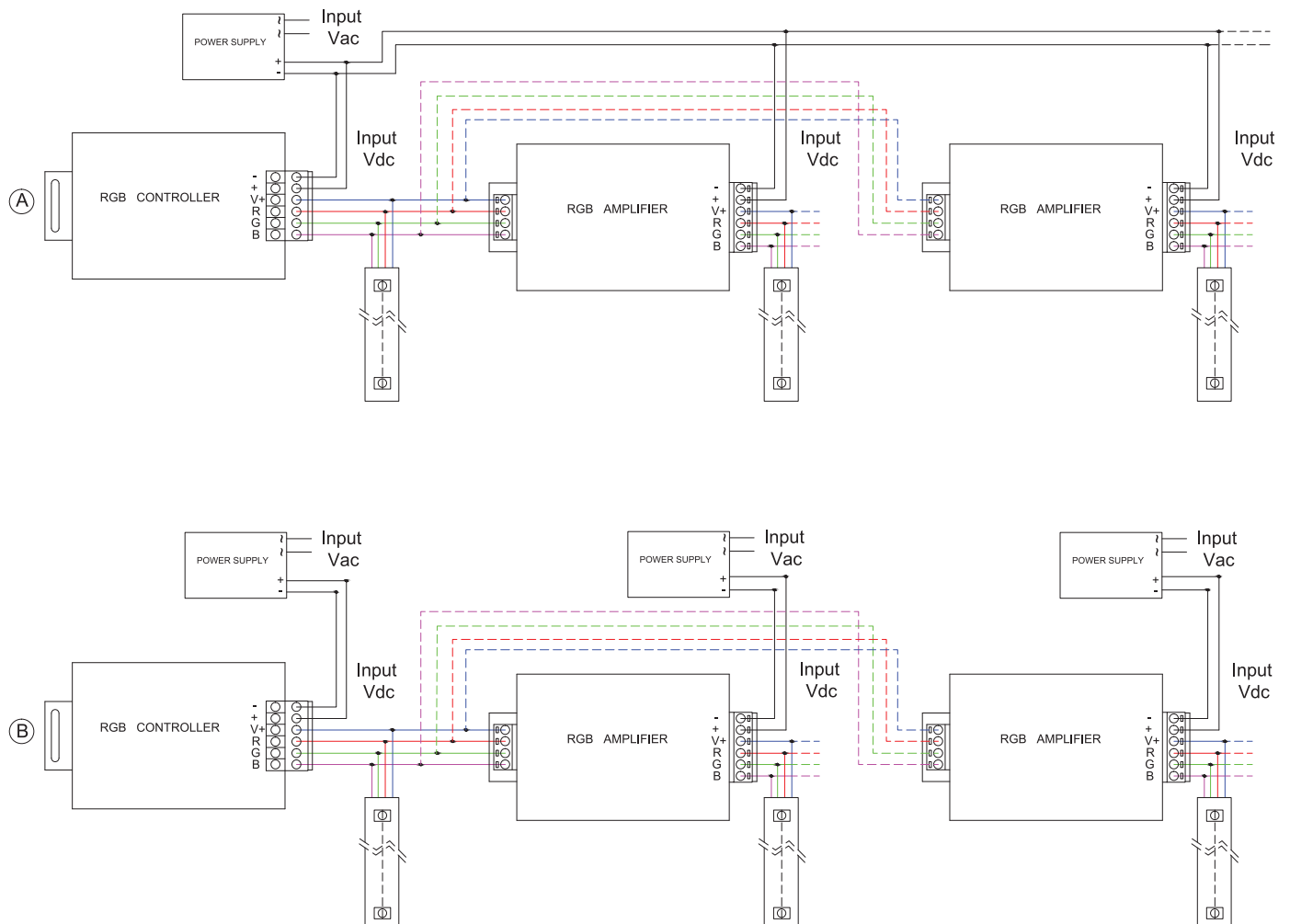
Schema tipico di collegamento | Typical wiring

Per RGB controller **CTF001.00 - CTF002.01**
 For RGB controller code **CTF001.00 - CTF002.01**



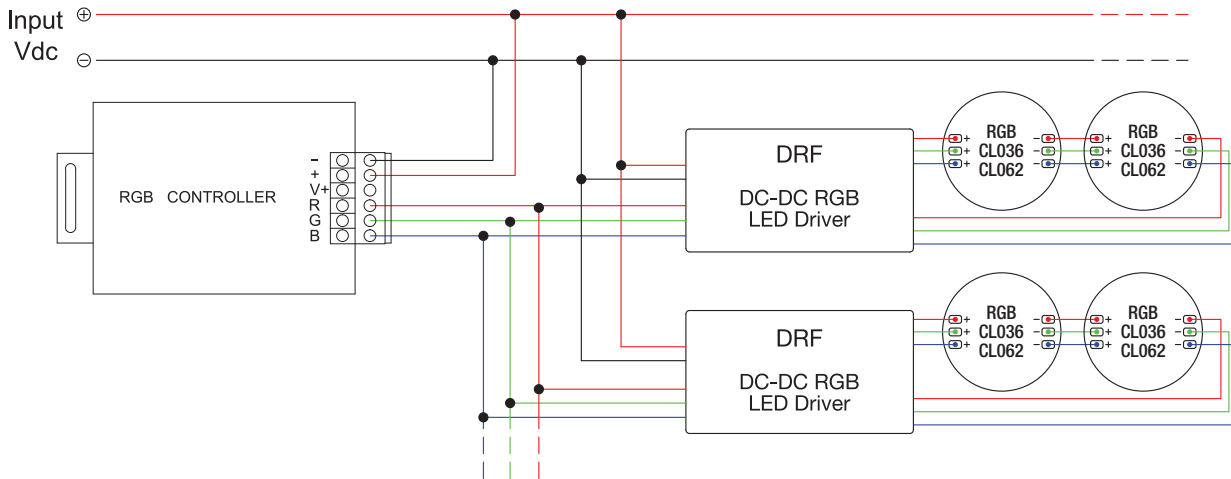
Schema tipico di collegamento | Typical wiring

Per RGB controller **CTF001.00 - CTF002.01** e amplificatore **CTA001.00**
 For RGB controller code **CTF001.00 - CTF002.01** and amplifier code **CTA001.00**



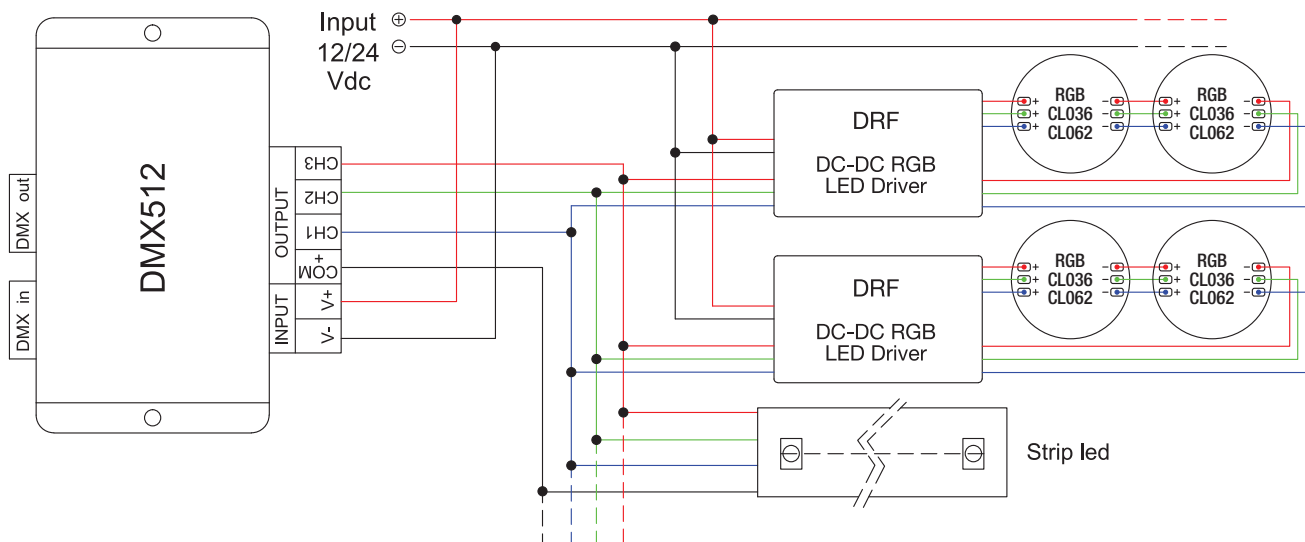
Schema tipico di collegamento | Typical wiring

Per RGB controller **CTF001.00 - CTF002.01** e driver DC-DC codice **DRF...**
 For RGB controller code **CTF001.00 - CTF002.01** and DC-DC driver code **DRF...**



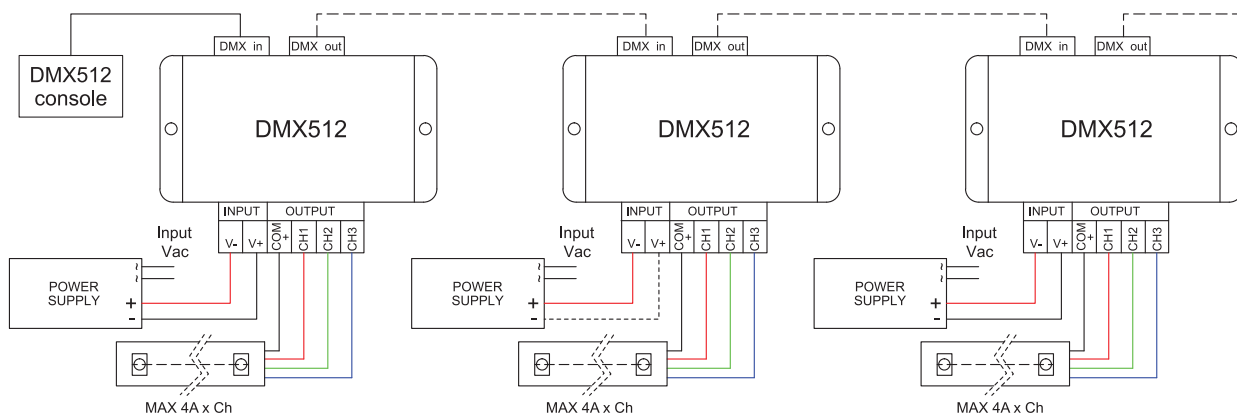
Schema tipico di collegamento | Typical wiring

Per RGB controller **DMX** e driver DC-DC codice **DRF...**
 For RGB **DMX** controller and DC-DC driver code **DRF...**



Schema tipico di collegamento | Typical wiring

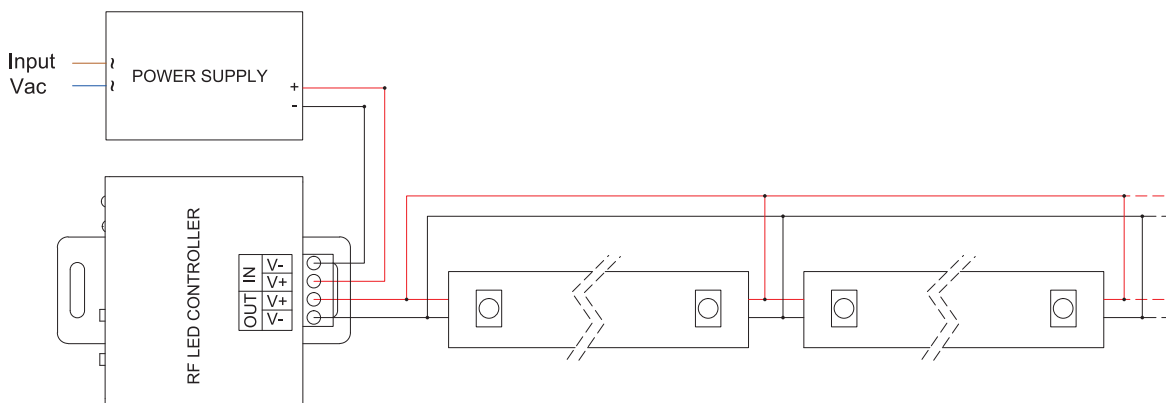
Per RGB controller a consolle **DMX512**
 For RGB controller to **DMX512** console



Schema tipico di collegamento | Typical wiring

Per controller **CTT008.01**

For controller code **CTT008.01**

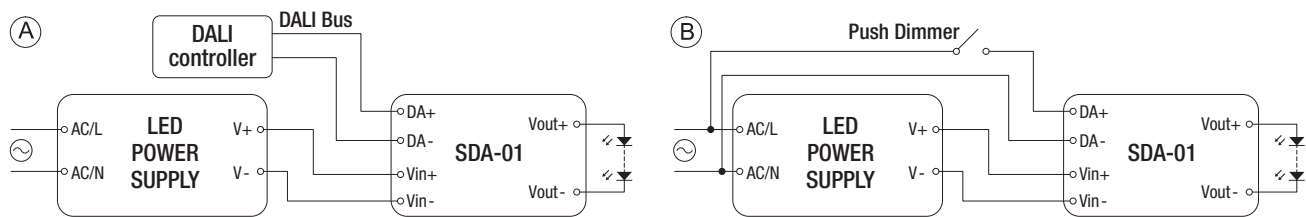


Schema tipico di collegamento | Typical wiring

Per dimmer **CTT027.00** / For controller code **CTT027.00**

A) Schema di collegamento DALI / The DALI wiring diagram

B) Schema di collegamento dimmerazione PUSH / The PUSH dimming wiring diagram

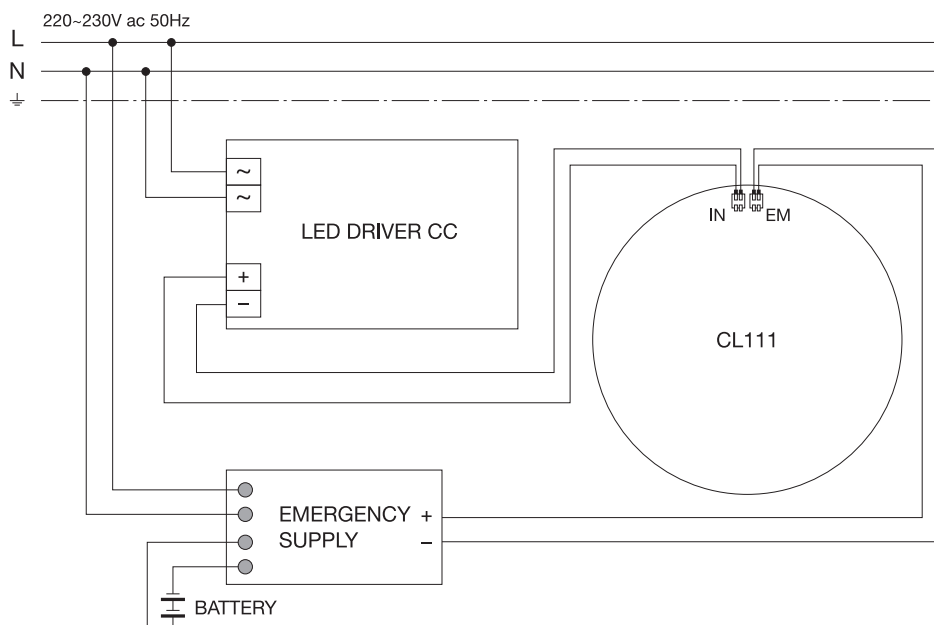


Utilizzare cavi che garantiscano una tensione massima di 2V tra due prodotti durante la fase di sincronizzazione
Please select the suitable wires to ensure maximum voltage between two products should be no higher 2V during synchronous parallel operation

Schema tipico di collegamento | Typical wiring

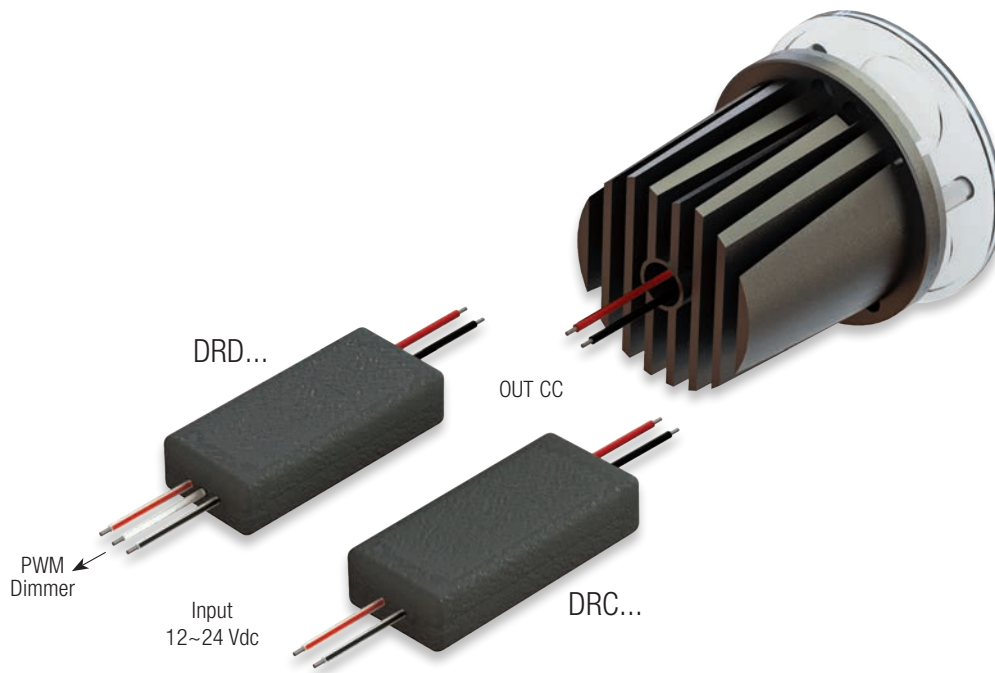
Per scheda LED **CL111**

For **CL111** LED board



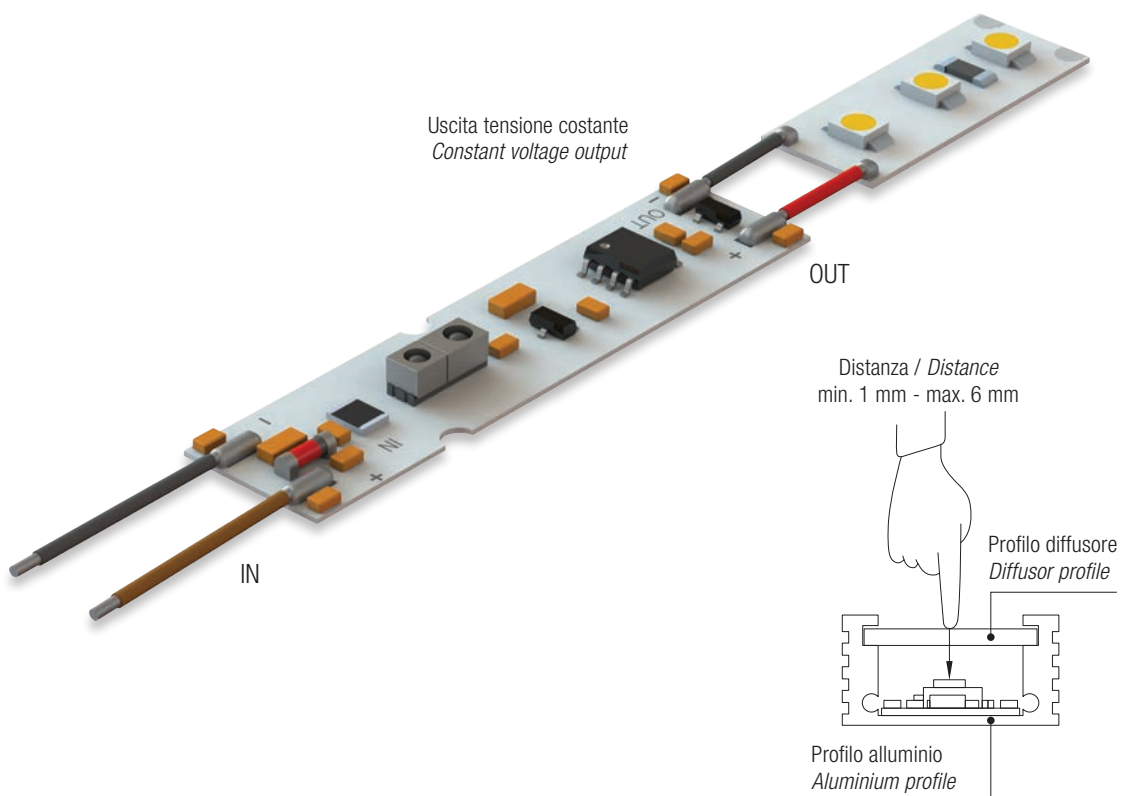
Schema tipico di collegamento | Typical wiring

Per LED driver DC/DC
For DC/DC LED driver



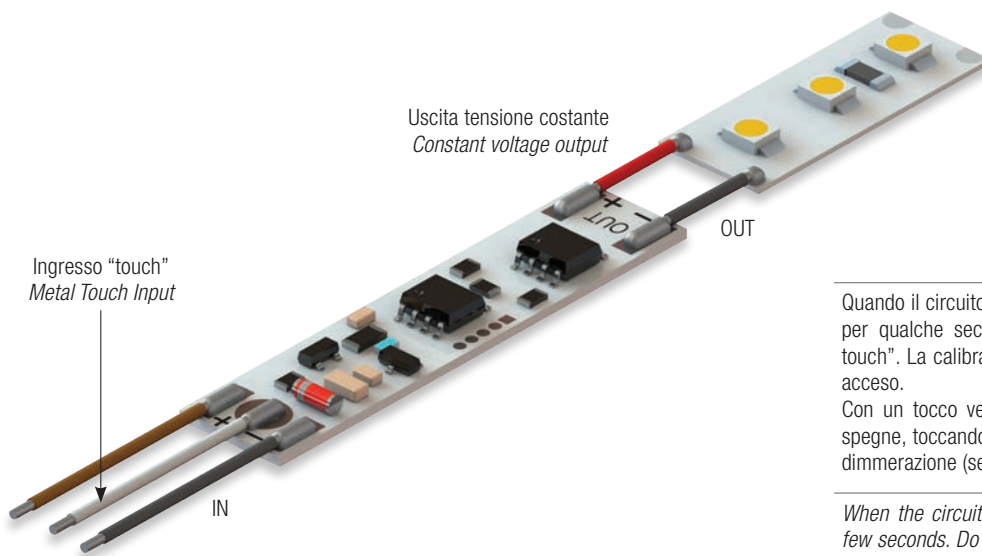
Schema tipico di collegamento | Typical wiring

Per dimmer con sensore IR **CTT003**
For **CTT003** dimmer with IR sensor



Schema tipico di collegamento | Typical wiring

Per dimmer capacitivo "metal touch" **CTT007**
For **CTT007** capacitive "metal touch" dimmer



Quando il circuito viene alimentato, il led Blu di stato lampeggerà per qualche secondo. In questa fase non toccare il "sensore touch". La calibrazione sarà terminata quando il LED blu rimarrà acceso.

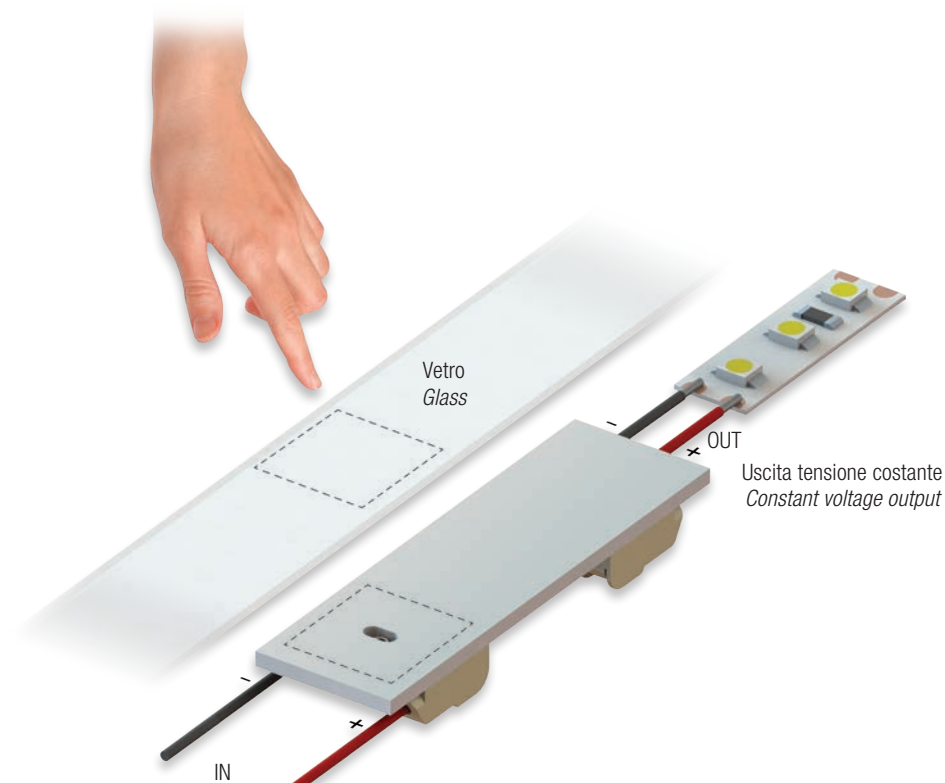
Con un tocco veloce del sensore, la lampada si accende e si spegne, toccando per un tempo maggiore si attiva la funzione di dimmerazione (se prevista).

When the circuit is powered, the Blue status LED flashes for a few seconds. Do not touch the "touch sensor." Calibration will be finished when the blue LED remains ON.

Touch the sensor slightly, to turn the light on or off. Touch the sensor for a longer time to activate the dimming function (if available).

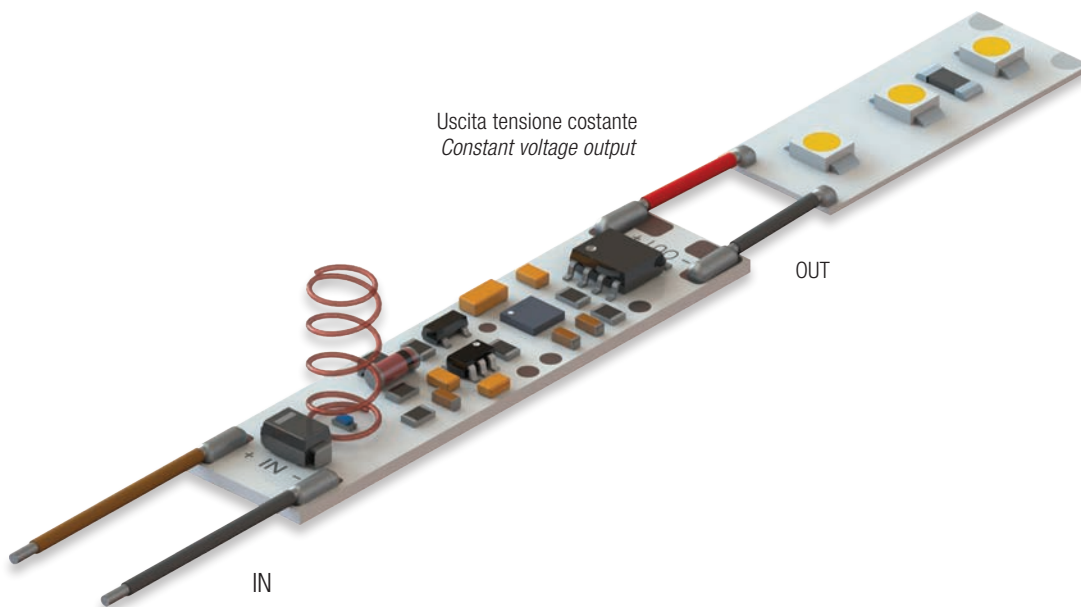
Schema tipico di collegamento | Typical wiring

Per dimmer capacitivo touch **CTT010**
For **CTT010** capacitive touch dimmer

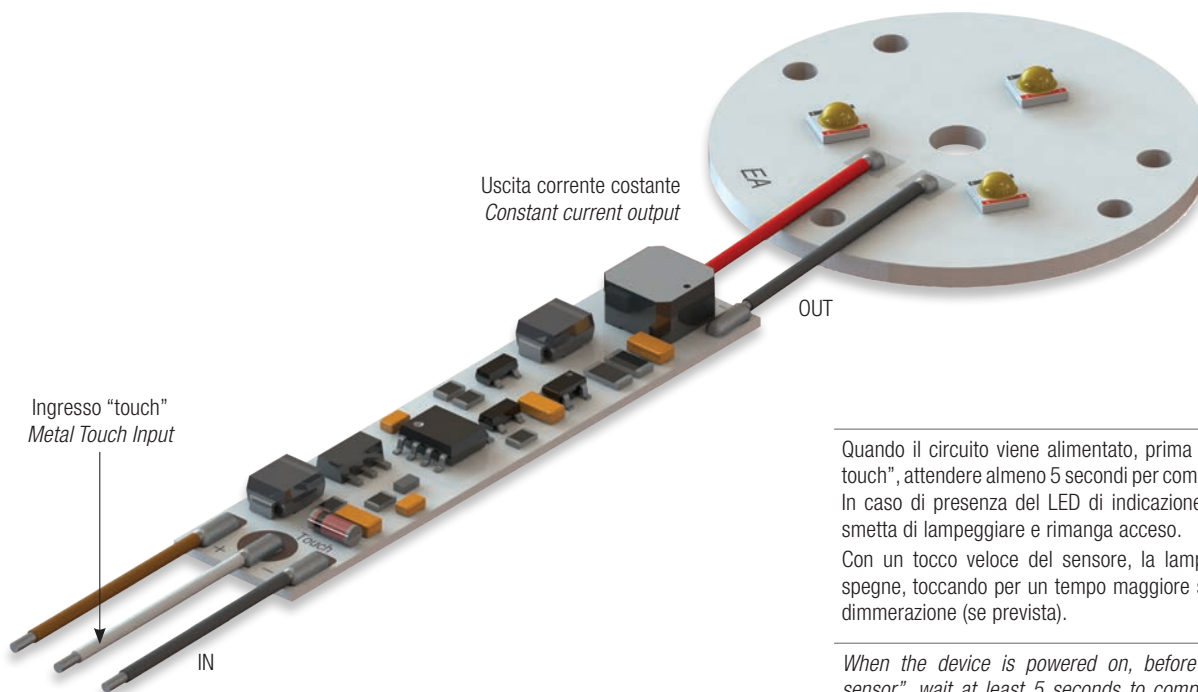


Schema tipico di collegamento | Typical wiring

Per dimmer capacitivo con sensore a molla **CTT015**
 For **CTT015** capacitive touch spring dimmer

**Schema tipico di collegamento | Typical wiring**

Per dimmer capacitivo "metal touch" codice **CTC005** e **CTC006**
 For **CTC005** and **CTC006** capacitive "metal touch" dimmer



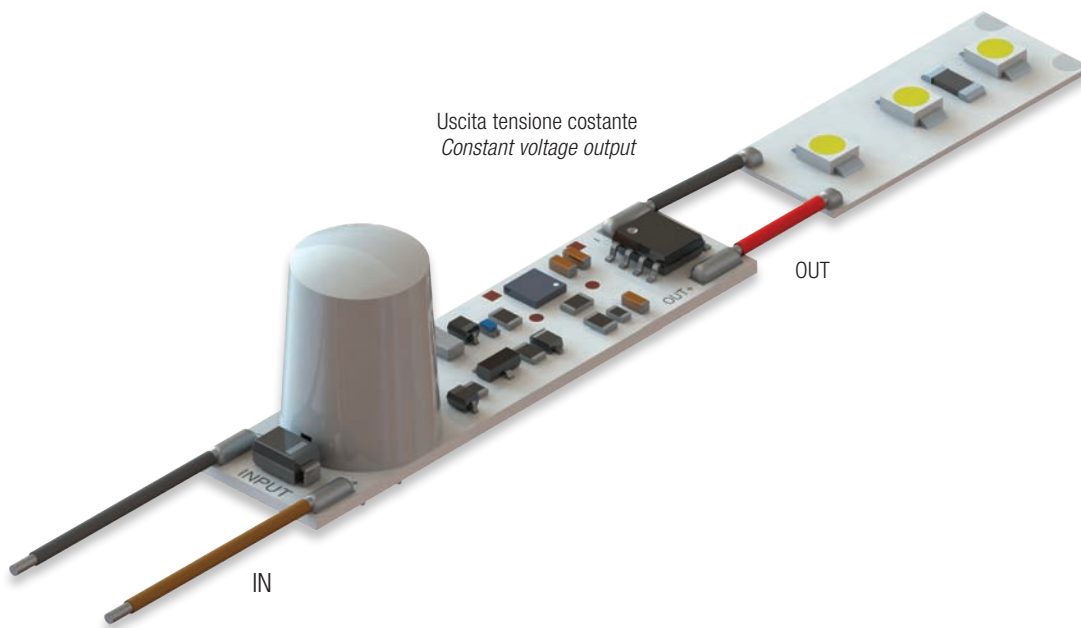
Quando il circuito viene alimentato, prima di toccare il "sensore touch", attendere almeno 5 secondi per completare la calibrazione. In caso di presenza del LED di indicazione stato, aspettare che smetta di lampeggiare e rimanga acceso.

Con un tocco veloce del sensore, la lampada si accende e si spegne, toccando per un tempo maggiore si attiva la funzione di dimmerazione (se prevista).

When the device is powered on, before touching the "touch sensor", wait at least 5 seconds to complete the setting. If on device there is status LED, wait for it to stop flashing and stay on. Touch the sensor slightly, to turn the light on or off. Touch the sensor for a longer time to activate the dimming function (if available).

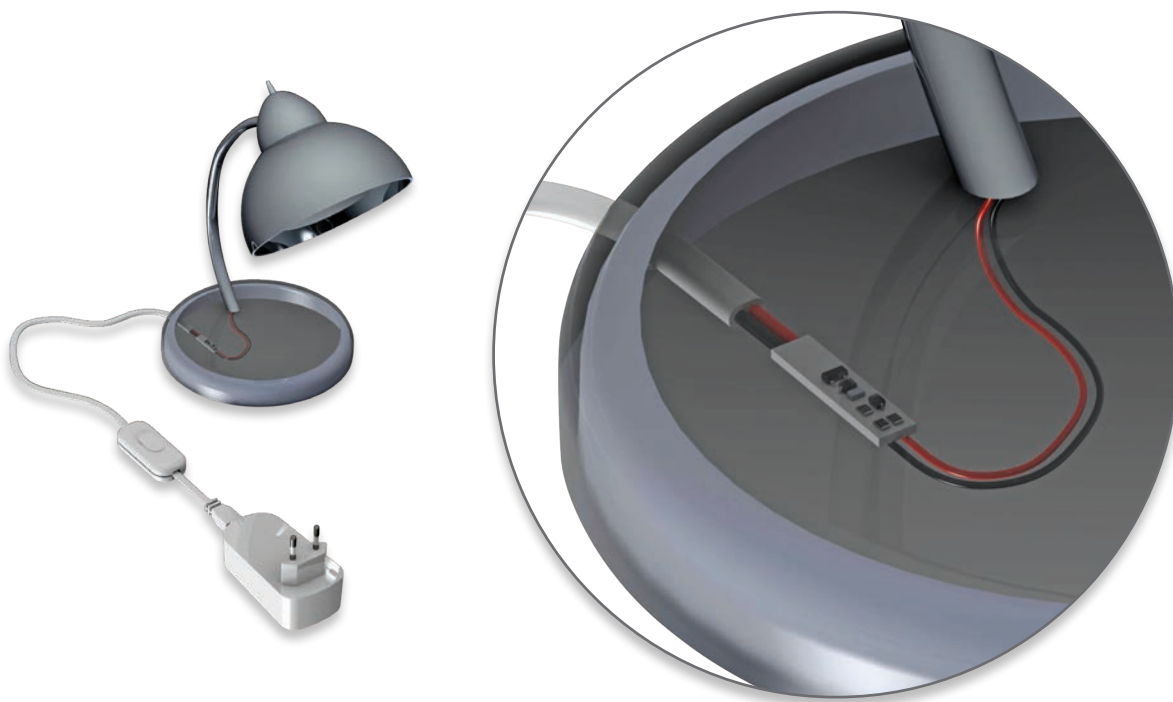
Schema tipico di collegamento | Typical wiring

Per elettronica di controllo **MDT02BP** con sensore di presenza PIR
 For **MDT02BP** motion detection "PIR" device control



Schema tipico di collegamento | Typical wiring

Per HOT-PLUG codice **HPG001** e **HPG002**
 For **HOT-PLUG** code **HPG001** and **HPG002**



Assemblaggio e collegamento | Assembly and connection

Per scheda elettronica CTC011A5

For CTC011A5 electronic board

Collegamenti

- 1) Cavo touch, che può essere collegato:
 - ad un elemento metallico isolato dalla lampada;
 - alla lampada stessa, se di metallo, tenendo la scheda LED isolata.
- 2) Cavi del pulsante normalmente aperto (NO).
- 3) Cavi della scheda LED.
- 4) Cavi del connettore remoto USB Type-A per ricarica cellulare.
- 5) Connettori delle due batterie (la scheda non funziona con una sola batteria).
- 6) Cavi del connettore di alimentazione remoto USB Type-C.
- 7) Cavi del connettore remoto DC-plug femmina (senza connettore USB Type-C).

Fissare la scheda alla lampada o al supporto con PAD adesivo o con apposite viti utilizzando i fori esistenti sulla scheda facendo attenzione a non danneggiarla.

Connections

- 1) Touch cable, which can be connected:
 - to a metal element isolated from the lamp;
 - to the lamp itself, if made of metal, keeping the LED board isolated.
 - 2) Normally open type button (NO) cables.
 - 3) LED board cables.
 - 4) USB Type-A remote connector cables for mobile phone charging.
 - 5) Connectors of the two batteries (the card does not work with only one battery).
 - 6) USB Type-C remote power connector cables.
 - 7) Female DC-plug remote power connector cables (without USB Type-C connector).
- Fix the board to the lamp or to the support with adhesive PAD or with appropriate screws using the holes existing on the board, being careful not to scratch the solder.

Note

Touch e pulsante possono anche essere montati e utilizzati contemporaneamente.

Attenzione a non usare una eccessiva quantità di stagno nelle saldature.

Gli accessori riportati negli esempi di collegamento sono da ordinare separatamente.

Avvertenze

La scheda elettronica contiene 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 la scheda e/o apportare modifiche alla stessa.

Notes

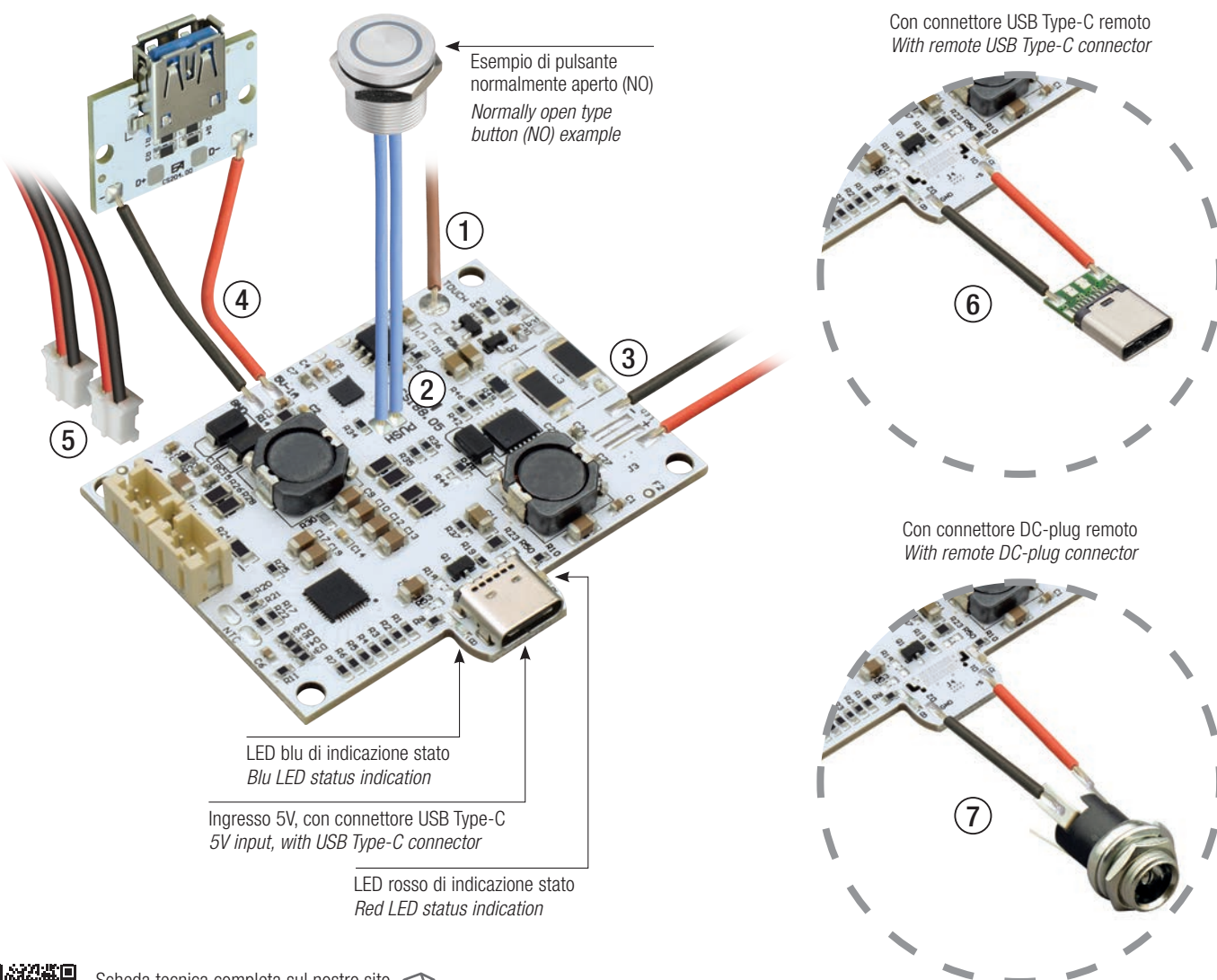
Touch and button can be used at the same time.

Be careful not to use too much tin in solders.

The accessories shown in the connection examples must be ordered separately.

Warnings

Electronic boards contain components sensitive to electrostatic discharges and should be handled only using adequate protection. During assembly steps, be care-ful not to damage the boards and/or not to modify them.



Scheda tecnica completa sul nostro sito
Complete datasheet on our web site

www.easrl.com



Assemblaggio e collegamento | Assembly and connection

Per dimmer elettronico multifunzione da pavimento **DMPH1**
For **DMPH1** multifunction electronic floor dimmer

Installazione

Il prodotto viene utilizzato come accessorio per lampade che necessitano di un interruttore elettronico con comando a pedale.

- 1) Collegare il cavo di alimentazione alla morsettiera "IN" e il cavo della lampada alla morsettiera "OUT" (Sezione cavi 0.50mm²~1.5mm²).
- 2) Serrare i morsetti, posizionare i bloccacavi e serrare le viti di fissaggio.
- 3) Richiudere il coperchio e serrare le 2 viti di fissaggio nella parte posteriore.
- 4) Prodotto assemblato.

Sostituzione del fusibile

Scollegare la spina dalla presa elettrica, svitare le 2 viti di fissaggio nella parte posteriore del dispositivo (**fig. 3**), Sostituire il fusibile indicato con il simbolo (F) con uno dello stesso valore, richiudere il coperchio e serrare le 2 viti di fissaggio nella parte posteriore del dispositivo (**fig. 3**).

Avvertenze

L'installazione e la manutenzione deve essere sempre effettuata da personale competente ed abilitato.

Non collegare più dispositivi in serie tra loro.

L'eventuale utilizzo improprio dello stesso può comportare pericoli di shock elettrico.

Scollegare sempre il dispositivo dalla rete elettrica prima di aprire il coperchio di protezione.

Non aprire l'apparecchio per scopi diversi da quanto riportato nelle presenti istruzioni.

Installation

The product is used as an accessory for lamps that require an electronic switch with pedal control.

- 1) Connect the power cable to the main "IN" terminal board and the lamp cable to the "OUT" terminal board (Cable section 0.50mm²~1.5mm²).
- 2) Close the clamps, arrange the cable locks and tighten the fixing screws.
- 3) Close the cover and tighten the 2 fixing screws on the backside.
- 4) Assembled product.

Fuse replacement

Take the power plug out of the socket, unscrew the two fixing screws on the backside of the device (**fig.3**), replace the fuse indicated with symbol (F) with another one of the same value, close the cover and tighten the 2 fixing screws on the backside of the device (**fig.3**).

Warnings

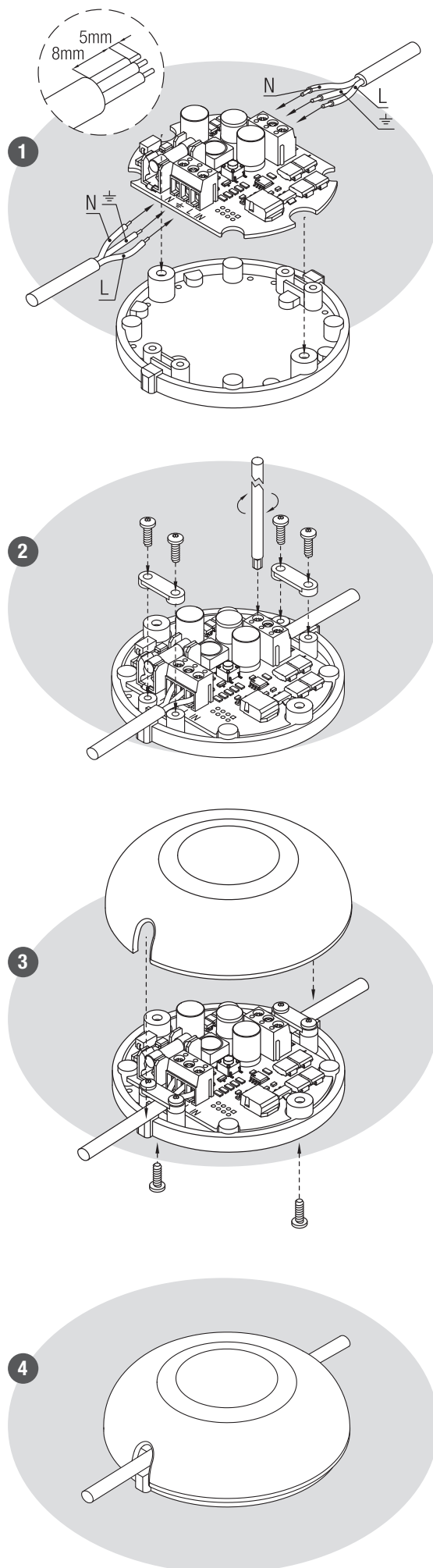
Installation and maintenance must always be carried out by qualified experts.

Do not connect several devices in series.

Device inappropriate use may cause electric shock.

Always disconnect the device from electricity before opening the protection cover.

Do not open the device for purposes different from those detailed in these instructions.



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Assemblaggio e collegamento | Assembly and connection

Per dimmer elettronico multifunzione da pavimento **DMPL**
For **DMPL** multifunction electronic floor dimmer

Installazione

Il prodotto viene utilizzato come accessorio per lampade che necessitano di un interruttore elettronico con comando a pedale.

- 1) Collegare il cavo di alimentazione alla morsettiera "INPUT" e il cavo della lampada alla morsettiera "OUT" (Sezione cavi 0.50mm²~1.5mm² in base al carico applicato).
- 2) Serrare i morsetti, posizionare i bloccacavi e serrare le viti di fissaggio.
- 3) Richiudere il coperchio e serrare le 2 viti di fissaggio nella parte posteriore.
- 4) Prodotto assemblato.

Utilizzare esclusivamente alimentatori di tipo SELV, protezione da corto circuito e di potenza opportunamente dimensionata.

La lunghezza dei cavi di collegamento deve essere inferiore a 4 metri e devono essere correttamente dimensionati e isolati da parti a tensione non SELV. Utilizzare sempre cavi in doppio isolamento.

Avvertenze

L'installazione e la manutenzione deve essere sempre effettuata da personale competente ed abilitato.

Non collegare più dispositivi in serie tra loro.

L'eventuale utilizzo improprio dello stesso può comportare pericoli di shock elettrico.

Scollegare sempre il dispositivo dalla rete elettrica prima di aprire il coperchio di protezione.

Non aprire l'apparecchio per scopi diversi da quanto riportato nelle presenti istruzioni.

Installation

The product is used as an accessory for lamps that require an electronic switch with pedal control.

- 1) Connect the power cable to the main "INPUT" terminal board and the lamp cable to the "OUT" terminal board (Cable section 0.50mm²~1.5mm² according to the applied load).
- 2) Close the clamps, arrange the cable locks and tighten the fixing screws.
- 3) Close the cover and tighten the 2 fixing screws on the backside.
- 4) Assembled product.

Use only SELV type power supplies, short circuit protection and suitably sized power.

The length of the connection cables must be less than 4 meters and must be correctly sized and insulated from non-SELV live parts. Always use double insulated cables.

Warnings

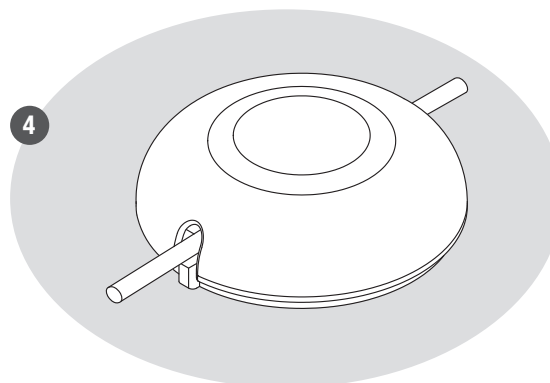
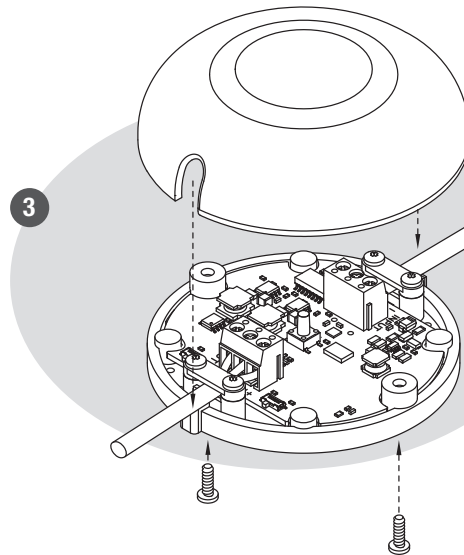
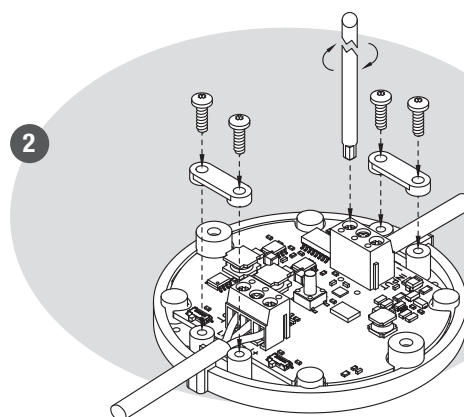
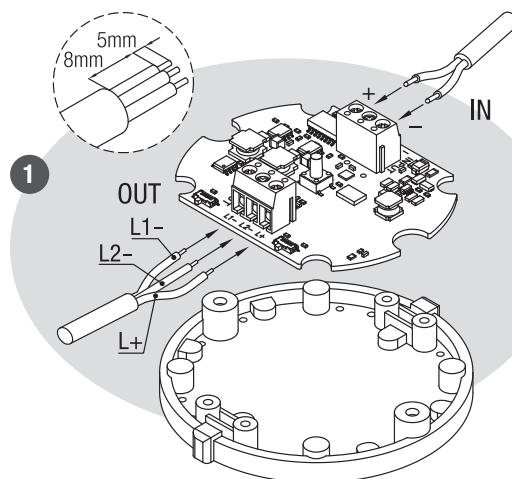
Installation and maintenance must always be carried out by qualified experts.

Do not connect several devices in series.

Device inappropriate use may cause electric shock.

Always disconnect the device from electricity before opening the protection cover.

Do not open the device for purposes different from those detailed in these instructions.



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Assemblaggio e collegamento | Assembly and connection

Per dimmer elettronico multifunzione da pavimento **DMPV**
For **DMPV** multifunction electronic floor dimmer

Installazione

Il prodotto viene utilizzato come accessorio per lampade che necessitano di un interruttore elettronico con comando a pedale.

- 1) Collegare il cavo della sorgente luminosa alla morsettiera "OUT" premendo leggermente sui pulsanti rispettando le specifiche di "cablaggio".
- 2) Posizionare i bloccacavi e serrare le viti di fissaggio.
- 3) Richiudere il coperchio e serrare le 2 viti di fissaggio nella parte posteriore.
- 4) Inserire il cavo di alimentazione tramite il connettore DC-plug.

Utilizzare esclusivamente alimentatori di tipo SELV, protezione da corto circuito e di potenza opportunamente dimensionata.

La lunghezza dei cavi di collegamento deve essere inferiore a 4 metri e devono essere correttamente dimensionati e isolati da parti a tensione non SELV. Utilizzare sempre cavi in doppio isolamento.

Avvertenze

L'installazione e la manutenzione deve essere sempre effettuata da personale competente ed abilitato.

Non collegare più dispositivi in serie tra loro.

L'eventuale utilizzo improprio dello stesso può comportare pericoli di shock elettrico.

Scollegare sempre il dispositivo dalla rete elettrica prima di aprire il coperchio di protezione.

Non aprire l'apparecchio per scopi diversi da quanto riportato nelle presenti istruzioni.

Installation

The product is used as an accessory for lamps that require an electronic switch with pedal control.

- 1) Connect the light source cable to the main "OUT" terminal board by pressing lightly on buttons respecting "wiring" specifications.
- 2) Close the clamps, arrange the cable locks and tighten the fixing screws.
- 3) Close the cover and tighten the 2 fixing screws on the backside.
- 4) Insert the power cable by the DC-plug connector.

Use only SELV type power supplies, short circuit protection and suitably sized power.

The length of the connection cables must be less than 4 meters and must be correctly sized and insulated from non-SELV live parts. Always use double insulated cables.

Warnings

Installation and maintenance must always be carried out by qualified experts.

Do not connect several devices in series.

Device inappropriate use may cause electric shock.

Always disconnect the device from electricity before opening the protection cover.

Do not open the device for purposes different from those detailed in these instructions.

Cablaggio / Wiring

Conduttore rigido - Solid conductor

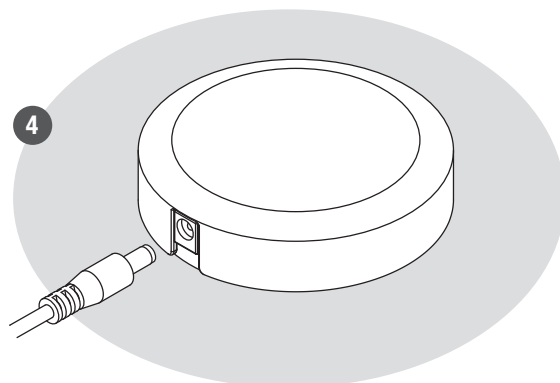
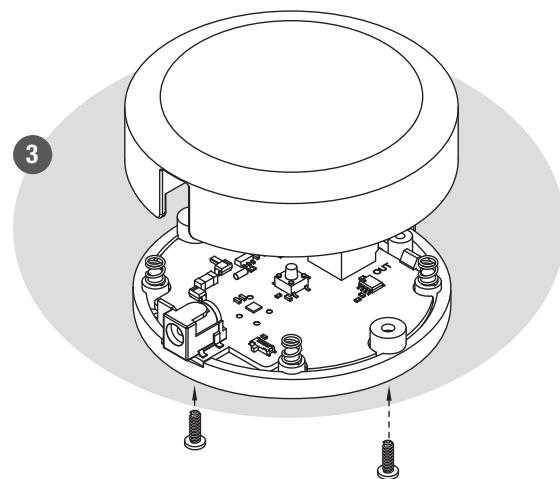
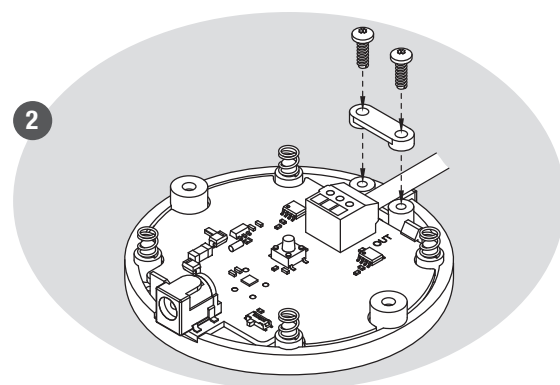
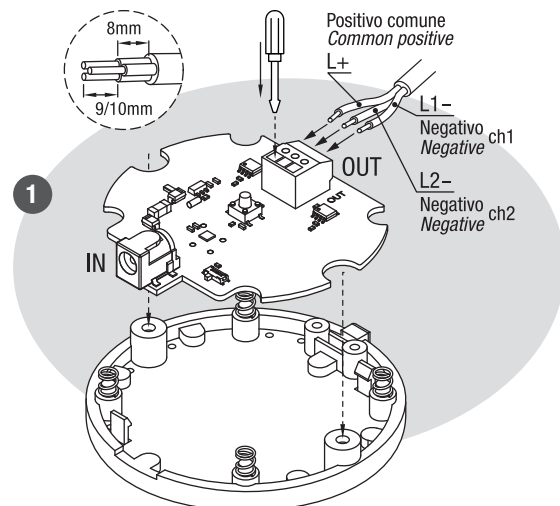
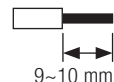
Conduttore flessibile - Stranded conductor

0.2~1.5mm² / AWG24~AWG16

Conduttore flessibile con puntalino

Stranded conductor with ferrule

0.25~1.4mm²



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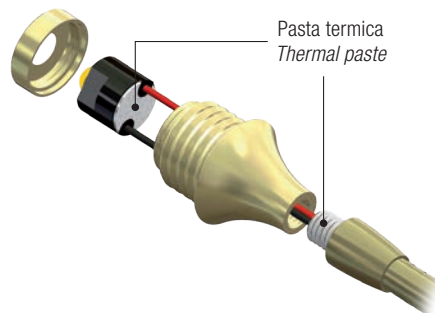
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Istruzioni di montaggio e schema di collegamento | Assembly instructions and wiring layout

Per modulo LED **01XA**
For **01XA** LED module

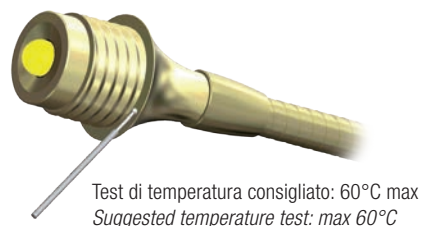
Mettere la pasta dissipante sulla base del led o all'interno dello spot, e in generale in tutte le giunzioni metalliche, al fine di aumentare la dissipazione termica.

Spread heat conductive paste on tube thread or inside metal support, and in general on all metal joints, in order to increase thermal dissipation.



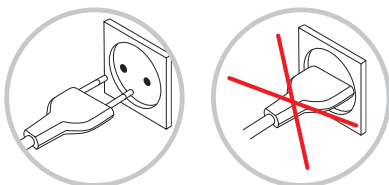
Suggeriamo di mantenere la temperatura di esercizio entro i 60°C, misurata sull'applicazione finale nel punto metallico posteriore più vicino al LED, dopo 4/6 ore dall'accensione.

We suggest you keep operating temperature lower than 60°C, to be tested on final application measured at the nearest metallic point to the LED after 4/6 hours from operation.



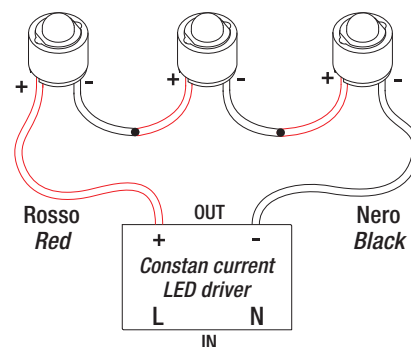
Attenzione: connettere i led solamente in serie e solo quando l'alimentatore è scollegato dalla rete.

Warning: connect LEDs in series only and when the power supply is disconnected from the line.



Durante il montaggio fare attenzione a non premere sull'ottica del LED.

During assembly do not to press on LED lens.



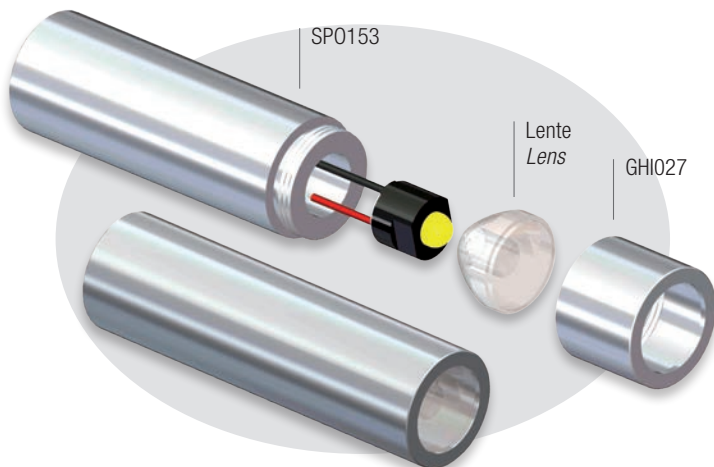
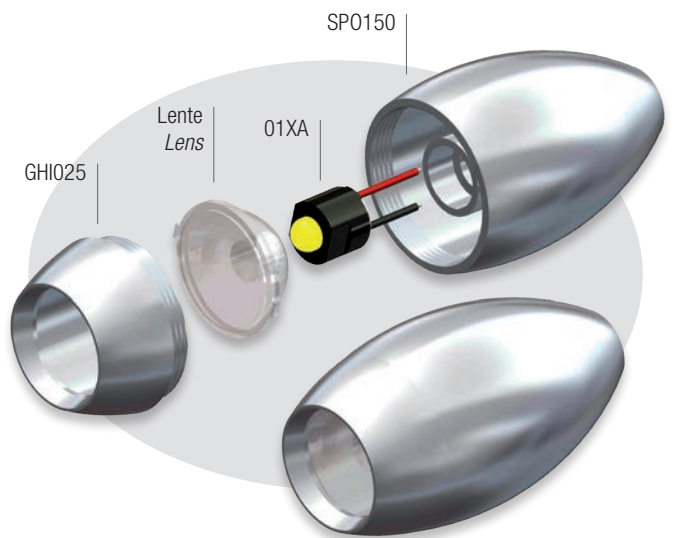
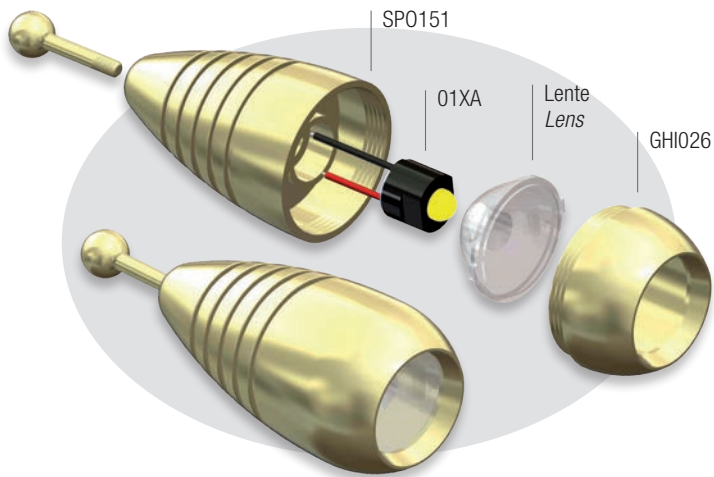
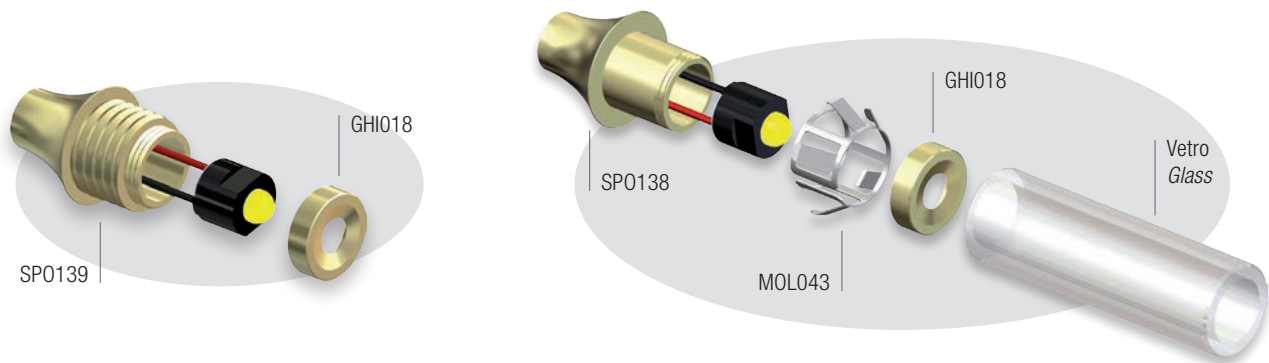
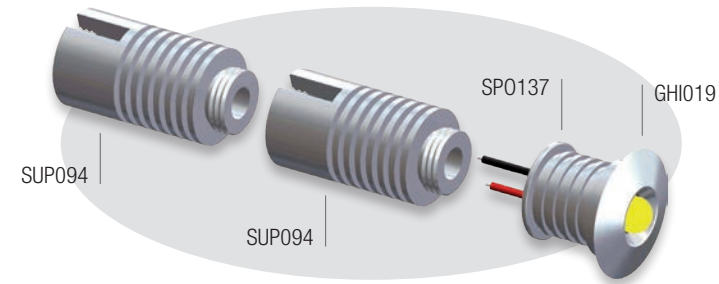
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Esempi di assemblaggio | Assembly examples

Per modulo LED 01XA
For 01XA LED module



Istruzioni di montaggio e schema di collegamento | Assembly instructions and wiring layout

Per modulo LED **01XB**
For **01XB** LED module

Mettere la pasta dissipante sulla base del led o all'interno dello spot, e in generale in tutte le giunzioni metalliche, al fine di aumentare la dissipazione termica.

Spessore minimo del tubo: 0,8 mm (alluminio, ottone o rame);
Diametro interno del tubo: 7,7mm (il led quando inserito deve essere unito al tubo).

Lunghezza minima del tubo (indicativamente):
per led @350mA 10 cm, per led @700mA 15 cm.

Per lampade con più bracci:
per ogni led aggiuntivo consigliamo di aumentare la lunghezza del singolo braccio nella misura "nr LED x 5 cm".

Ad esempio:

Lampada 4 LED (4x5=20) tubo consigliato L ≥ 20 cm;

Lampada 6 LED (6x5=30) tubo consigliato L ≥ 30 cm.

Spread heat conductive paste on tube thread or inside metal support, and in general on all metal joints, in order to increase thermal dissipation.

*Tube thickness: minimum 0.8 mm (aluminium, brass, or copper);
Internal diameter: 7.7mm.*

Minimum tube length (approx.):

For @350mA LED: min. 10 cm, for @700mA LED: min. 15 cm.

*For lamps with more than 1 light: for each added LED, tube length must be calculated as follows:
no. of LEDs x 5cm.*

For example:

Lamp with 4 LEDs (4x5=20) the tube must be L ≥ 20 cm;

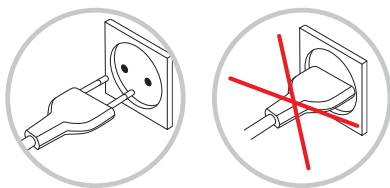
Lamp with 6 LEDs (6x5=30) the tube must be L ≥ 30 cm.

Suggeriamo di mantenere la temperatura di esercizio entro i 60°C, misurata sull'applicazione finale nel punto metallico posteriore più vicino al LED, dopo 4/6 ore dall'accensione.

We suggest you keep operating temperature lower than 60°C, to be tested on final application measured at the nearest metallic point to the LED after 4/6 hours from operation.

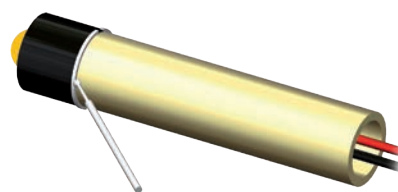
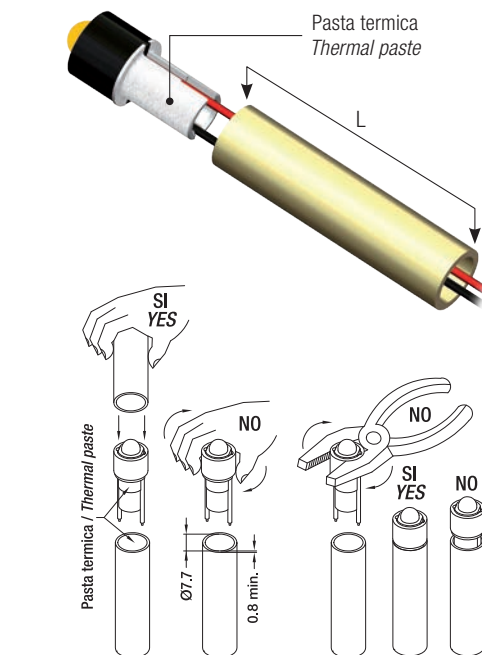
Attenzione: connettere i led solamente in serie e solo quando l'alimentatore è scollegato dalla rete.

Warning: connect LEDs in series only and when the power supply is disconnected from the line.

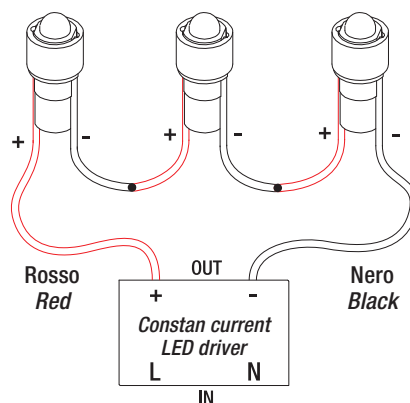


Durante il montaggio fare attenzione a non premere sull'ottica del LED.

During assembly do not press on LED lens.



Test di temperatura consigliato: 60°C max
Suggested temperature test: max 60°C



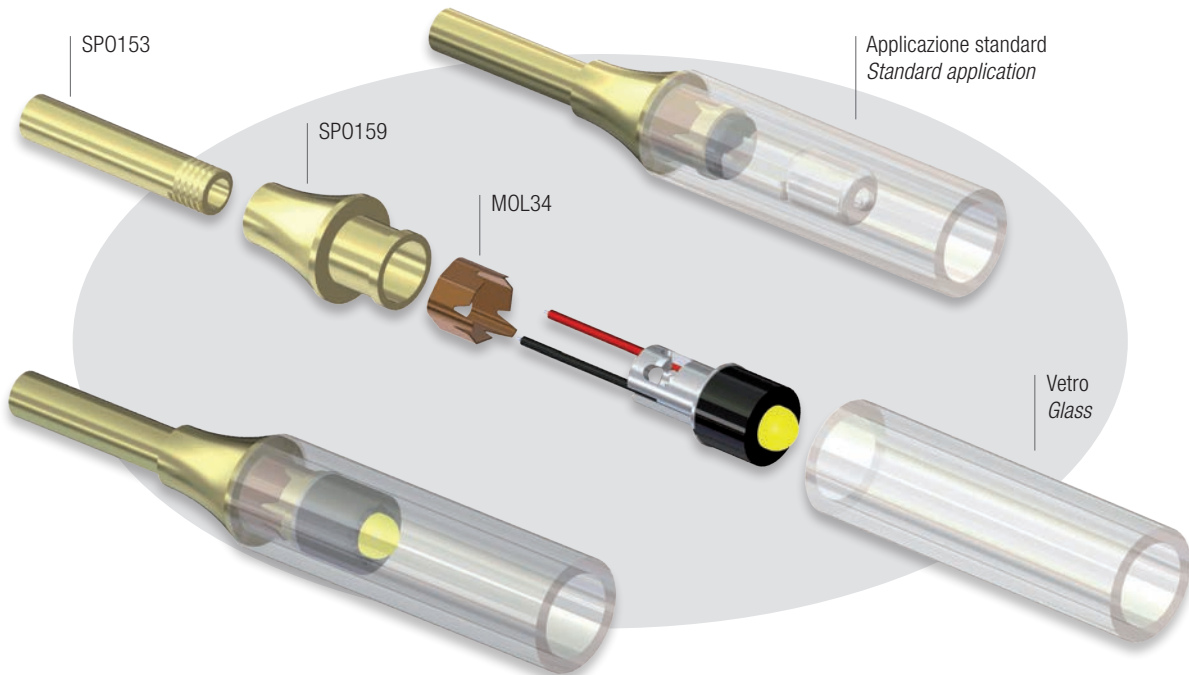
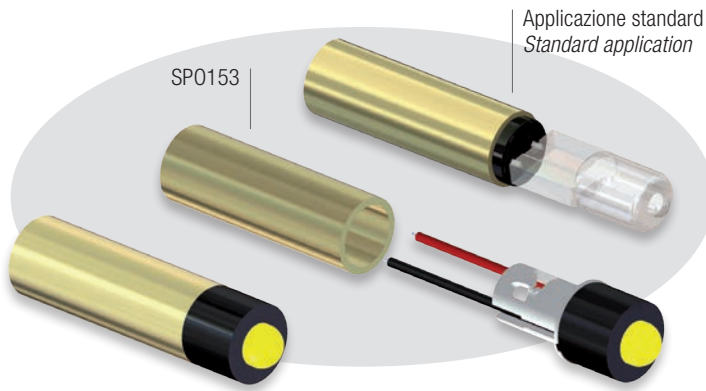
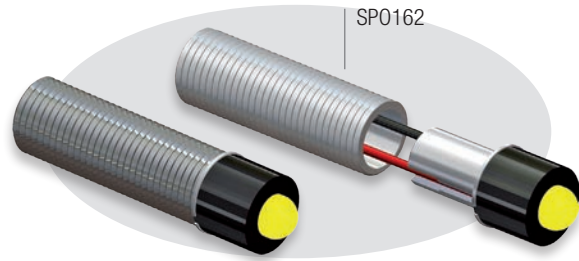
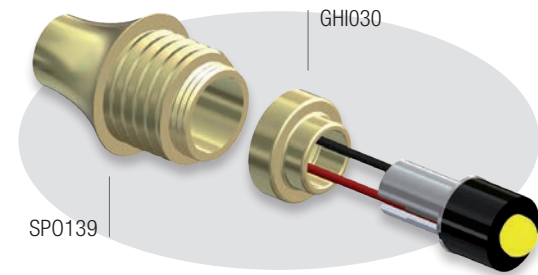
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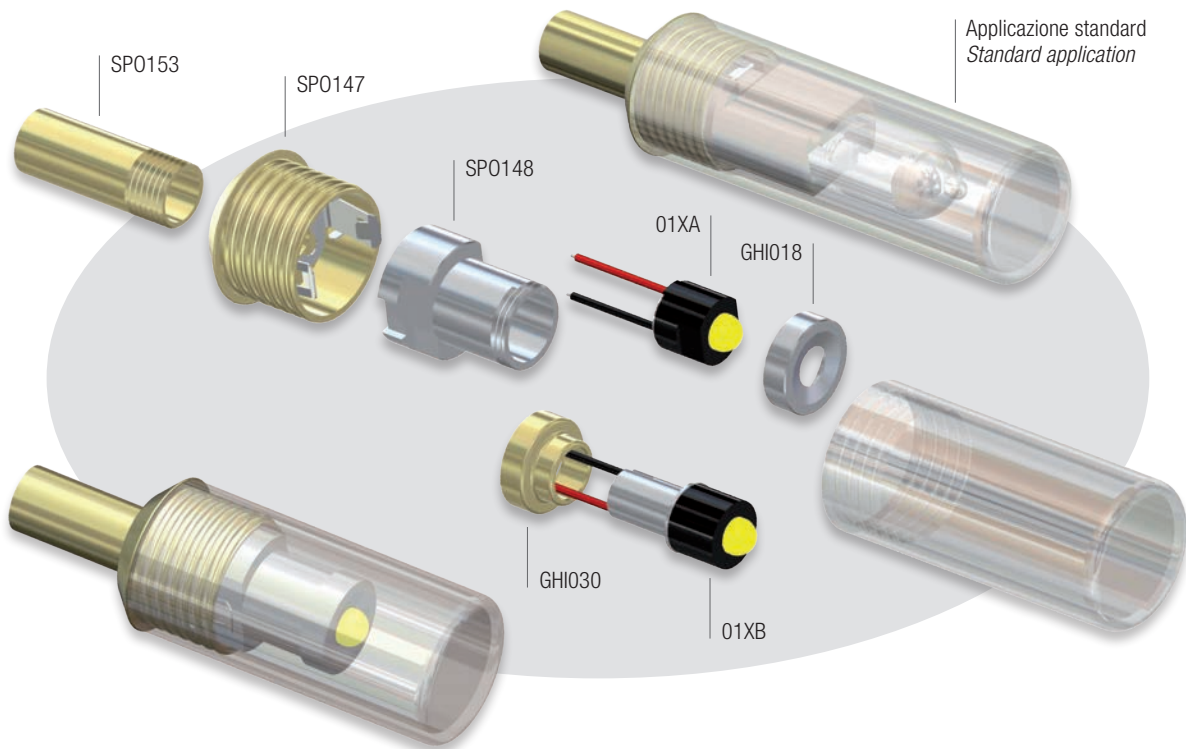
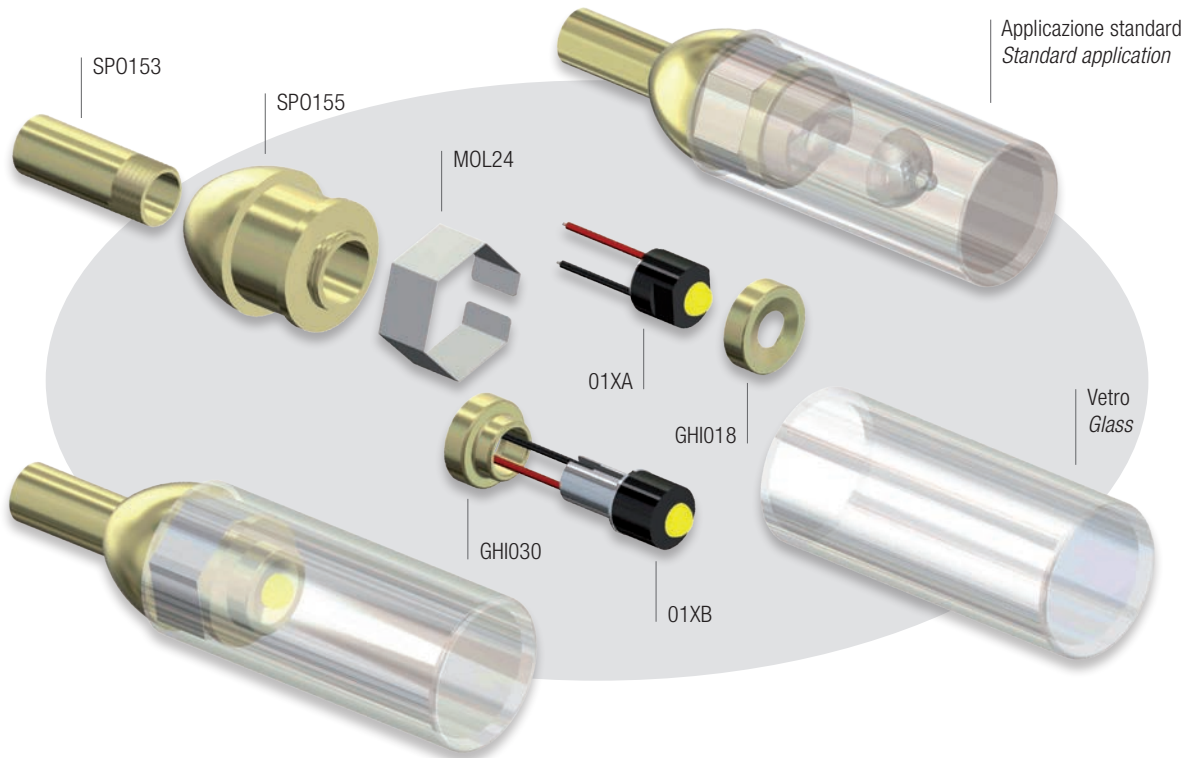
Esempi di assemblaggio | *Assembly examples*

Modulo LED **01XB** con sistema QUICK-LED
01XB LED module with QUICK-LED system



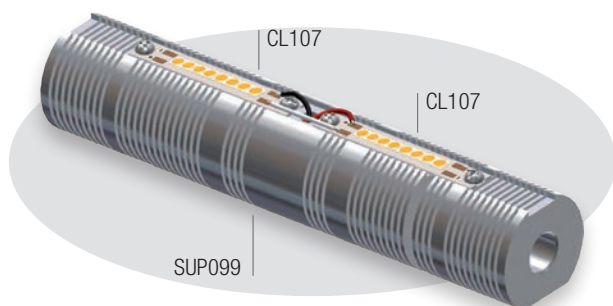
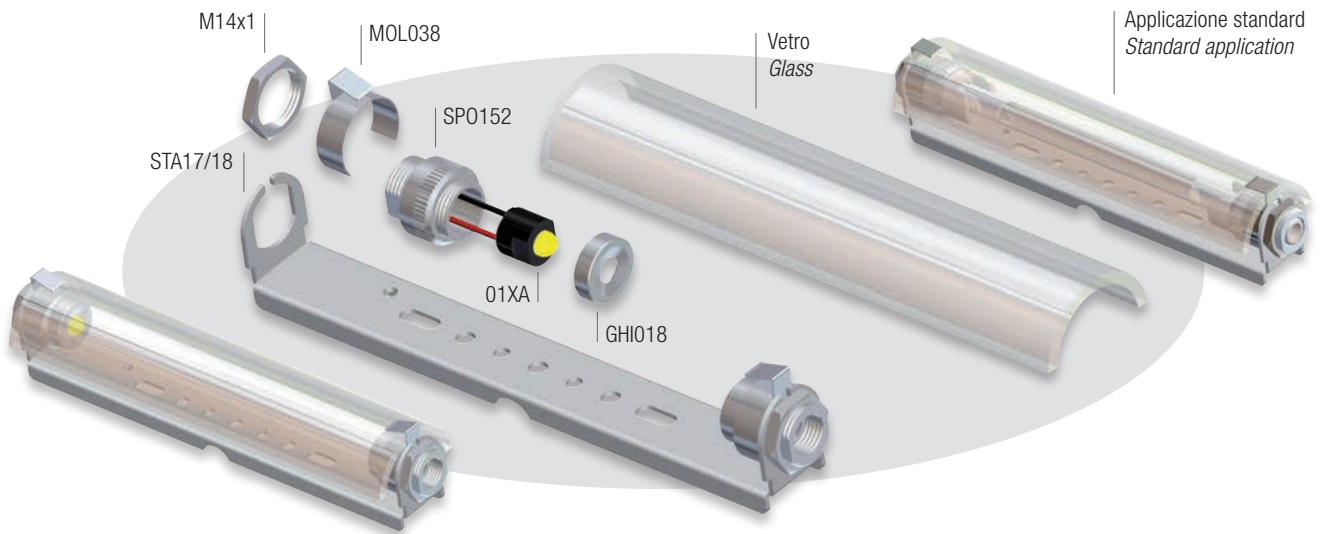
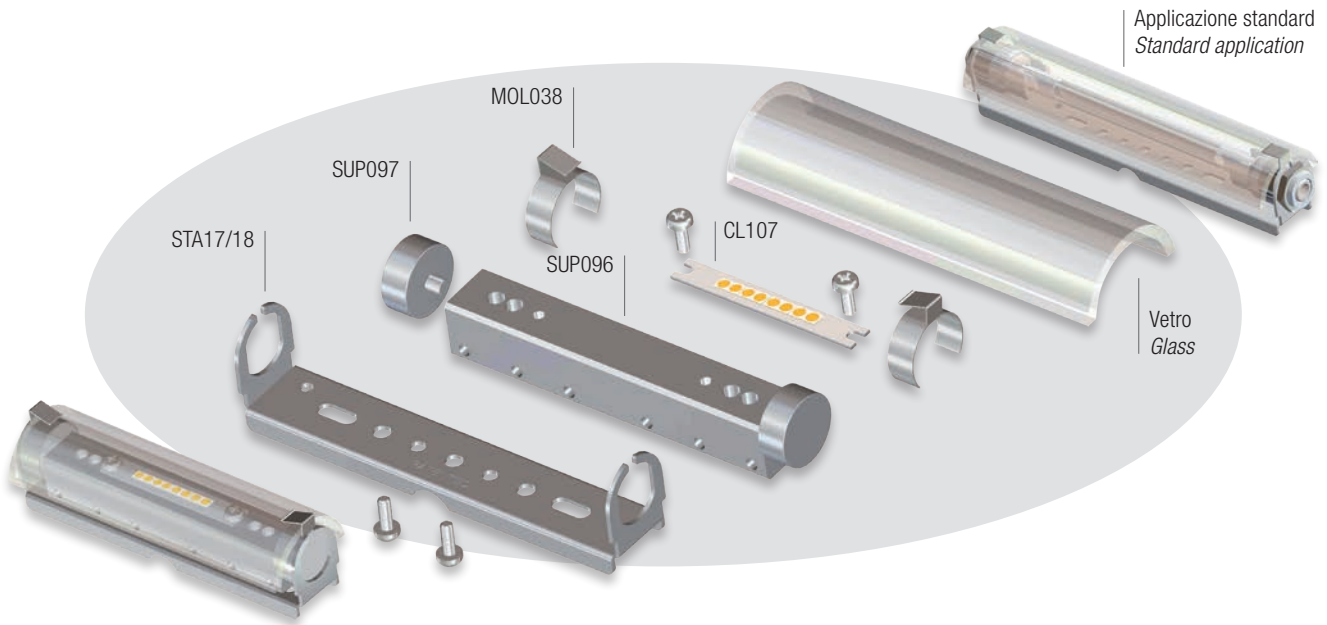
Esempi di assemblaggio | *Assembly examples*

Modulo LED **01XA** e **01XB** con sistema QUICK-LED per G9
01XA and **01XB** LED module with QUICK-LED system for G9



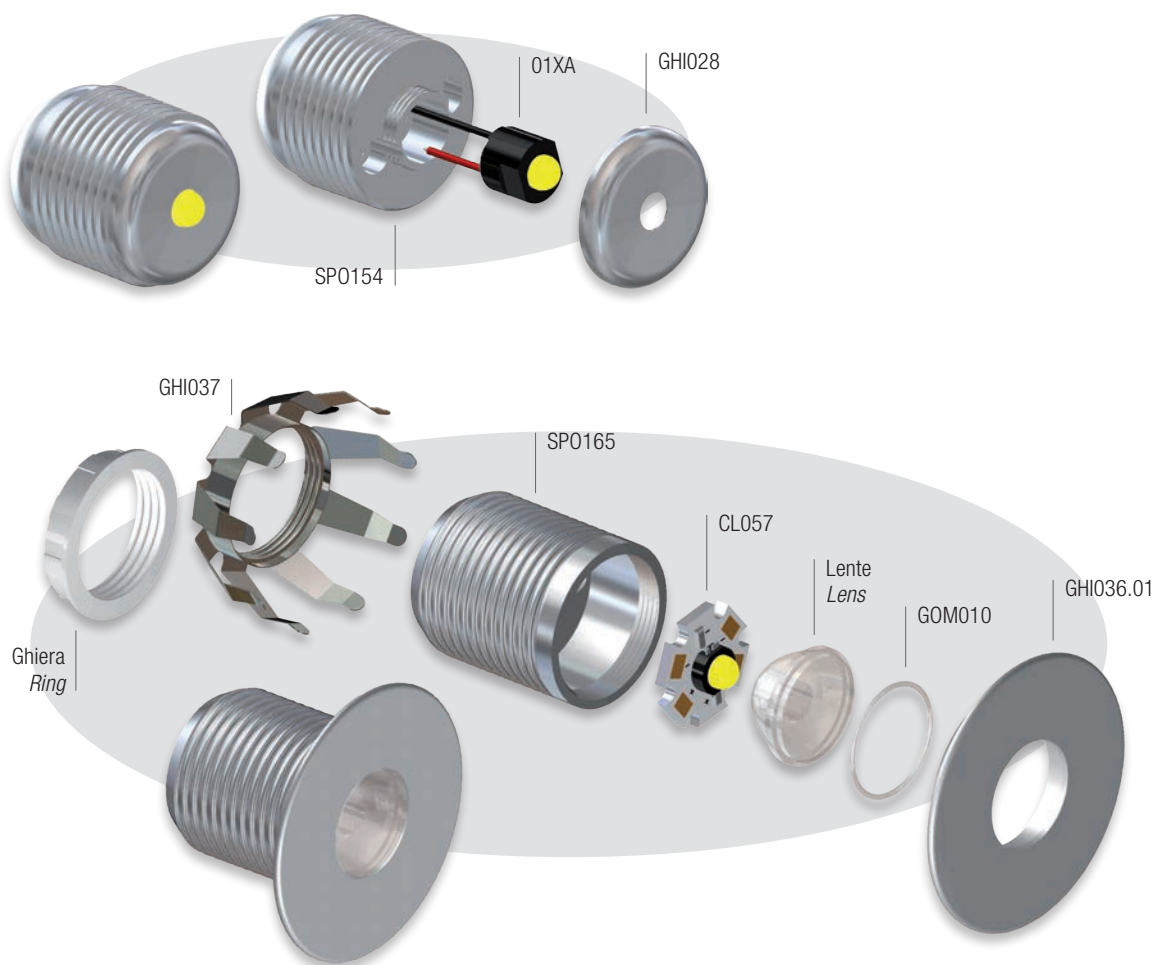
Esempi di assemblaggio | Assembly examples

Modulo LED 01XA e scheda LED CL107 per applicazioni R7S
01XA LED module and CL107 LED board for R7S applications



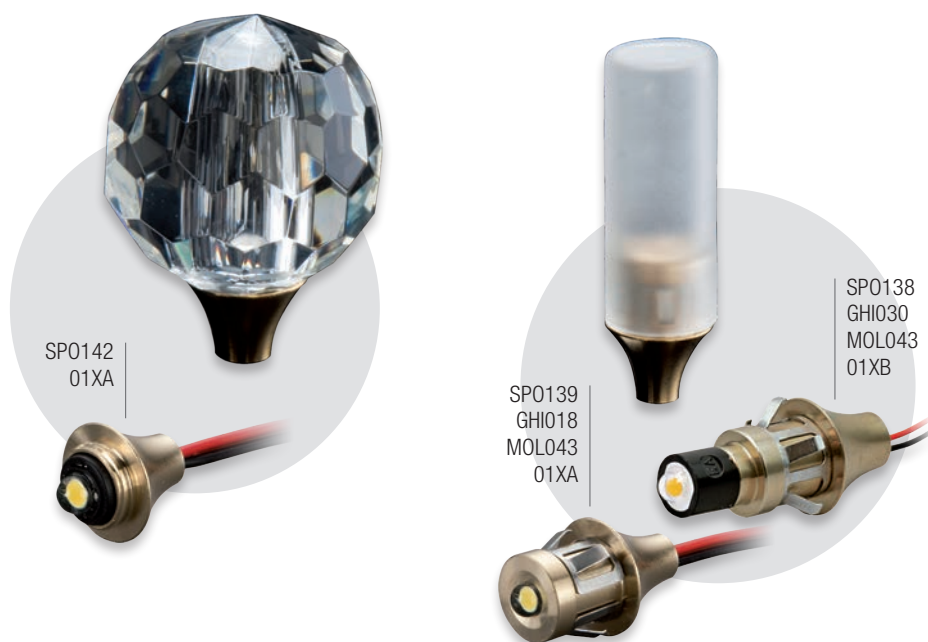
Esempi di assemblaggio | Assembly examples

Modulo LED **01XA** e scheda LED **CL057** per applicazioni E14
01XA LED module and **CL057** LED board for E14 applications



Esempi di assemblaggio | Assembly examples

Modulo LED **01XA** e **01XB** con sistema QUICK-LED e vetri
01XA and **01XB** LED module with QUICK-LED and glass



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Schede LED in bassa tensione
Low voltage LED boards

02

Schede LED a tensione di rete
Main voltage LED boards

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Low voltage LED modules

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Technical Informations



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