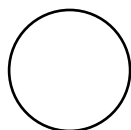


MINILED
MICROLED
2024



9010
novantadieci[®]

9010
novantadieci[®]

9010novantadieci®

EN A collection characterized by minimal style: MINILED & MICROLED, the union of CRISTALY® and ALUMITE®, the primary geometric shapes that embellish the environment in a delicate and at the same time sophisticated way. Interior spaces expertly illuminated with refined, antibacterial and air purifying materials, which are a symbol of craftsmanship, creativity, research, high quality raw materials and Italian tradition: pillars that 9010novantadieci demonstrates in each of its creations.

Let yourself be enchanted by maximum technical lighting development: multi-patented, with very high luminous efficiency, customizable light beams and as always, handmade with passion in Italy.

Beauty should not be flaunted, and with these hand-crafted, essential lighting creations, you get a simple expression of who we are. Decorate the environment with perfect light while looking like starry spots in the ceiling, a firmament to make you dream.

IT Una collezione caratterizzata da stile minimal: MINILED & MICROLED, l'unione di CRISTALY® e ALUMITE®, le forme geometriche primarie impreziosiscono l'ambiente in modo delicato e allo stesso tempo sofisticato. Spazi interni sapientemente illuminati con materiali curati, antibatterici e purificatori d'aria, che sono simbolo di artigianalità, creatività, ricerca, materie prime di alta qualità e tradizione italiana: pilastri che 9010 dimostra in ogni sua creazione.

Lasciatevi incantare dal massimo dello sviluppo illuminotecnico: pluribrevettate, con altissima efficienza luminosa, fasci di luce personalizzabili e come sempre, fatte a mano con passione in Italia.

La bellezza non va ostentata, e con queste creazioni di illuminazione realizzate a mano, dal design essenziale, si ottiene una semplice espressione di ciò che siamo. Arredare l'ambiente con luce perfetta pur sembrando punti stellati nel soffitto, un firmamento per farti sognare.









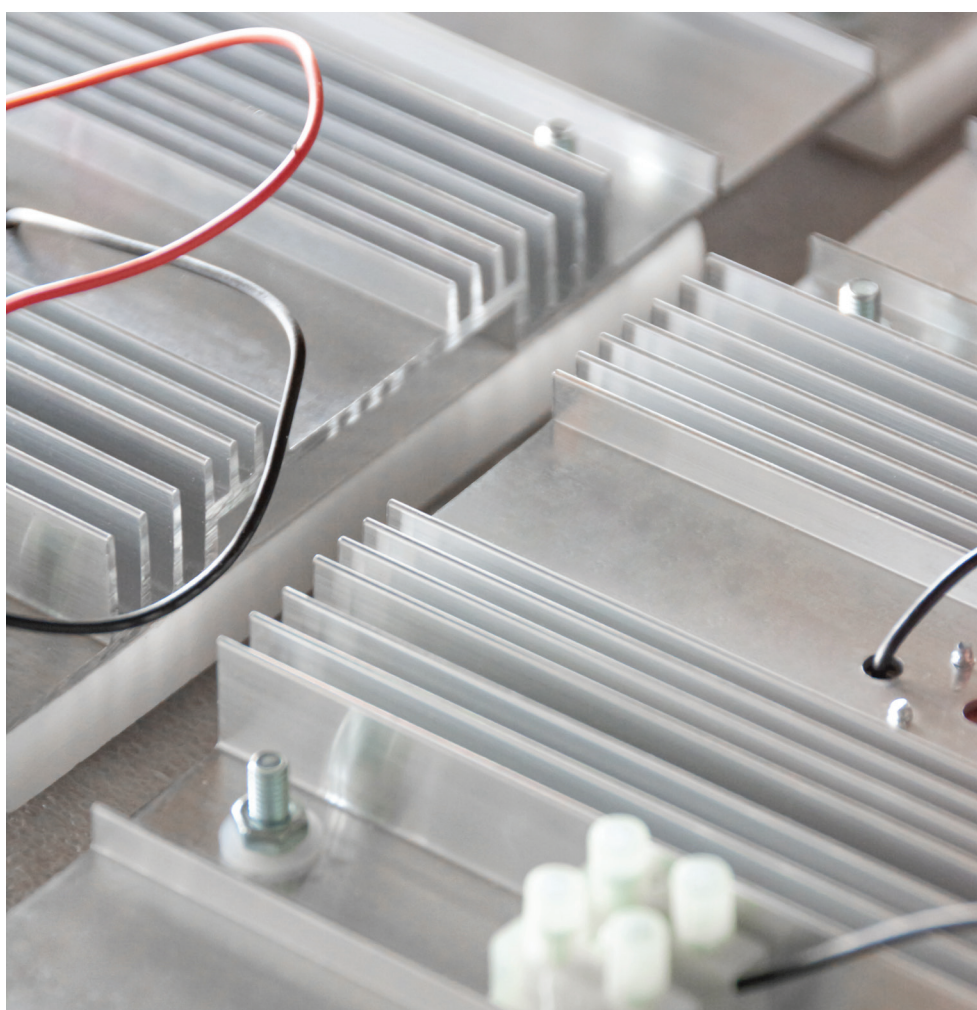
EFFICIENCY WITH Ø16 AND Ø11 EFFICIENZA CON Ø16 E Ø11

EN The MINILEDs and the MICROLEDs 9010 are equipped with cutting-edge technology that, thanks to their global one of a kind hole/lumen diameter ratio, guarantees unparalleled excellence. With innovative features, these energy-efficient products are distinguished by a modern design with easy maintenance, exceptionally compact dimensions and a high level of customization, with reference to both aesthetic and luminous points of view. There is the chance to choose the current and the light output of the desired article.

Through the options of applicable and interchangeable optics available, it is possible to choose among different angles of light. The light hole accommodates the latest generation high performance LEDs, offering excellent light output. Furthermore, the articles can be equipped with honeycomb anti-glare diffuser, in order to improve the visual comfort and reduce the glare rating.

IT I MINILED e MICROLED 9010 sono dotati di una tecnologia all'avanguardia che, grazie al rapporto diametro foro/lumen unico al mondo, garantisce un'eccellenza senza eguali. Grazie alle innovative caratteristiche, questi prodotti ad alta efficienza energetica si distinguono per un design moderno di facile manutenzione, ingombri minimi eccezionali e massima capacità di personalizzazione, sia a livello estetico, sia a livello illuminotecnico, mediante la possibilità di scegliere la corrente e la resa luminosa dell'articolo desiderato.

Attraverso le opzioni disponibili di ottiche applicabili ed intercambiabili, sarà possibile scegliere diverse angolazioni di luce. Il foro luce ospita un LED di ultima generazione ad altissima performance e offre un'ottima resa luminosa. Inoltre, gli articoli sono dotabili di frangiluce a nido d'ape neri, per migliorare il comfort visivo e ridurre il grado di abbagliamento.



1 Light hole Ø16mm or Ø11mm
Foro luce Ø16mm o Ø11mm

2 Compact dimensions for plasterboard and brick wall installations
Minimo ingombro per le installazioni in cartongesso e muratura

3 Beam angles 20°/30°/40°/50°
Fasci di apertura 20°/30°/40°/50°

4 Latest generation LED and lens
Sorgente LED di ultima generazione e lente



VERSATILITY AND DURABILITY VERSATILITÀ E RESISTENZA

EN The new collection allows the best characterization of the lighting fixture, thanks to the new designs thought to offer the best light for any space. In addition to the introduction of new models of MINILEDs, from the same technology the MICROLEDs have been born, that with their low power of 4W and the compact dimensions, are ideal in case of necessity of a minimal light source with an excellent light output.

From the same will to enhance the standards of technology and ergonomics, the innovative adjustable MINILED LINE and MICROLED LINE, make it possible to direct the light where needed, creating unique lighting effects.

IT La nuova collezione permette anche la massima caratterizzazione del corpo luce, grazie ai nuovi design progettati per donare la migliore luce per ogni spazio. Oltre all'introduzione di nuove forme per i MINILED, dalla stessa tecnologia nascono i MICROLED che, grazie alla ridotta potenza di 4W e agli ingombri minimi, sono ideali per esigenze in cui è richiesta una sorgente minimale ma con una eccellente resa luminosa. Dalla medesima volontà di alzare lo standard di tecnologia e ergonomia, gli innovativi MINILED LINE e MICROLED LINE orientabili permettono di direzionare la luce dove necessario, creando giochi di luce unici.

TECHNICAL PAGE READING EXAMPLE ESEMPIO LETTURA PAGINA TECNICA

Model code and name
Codice modello e nome

4247R MINILED

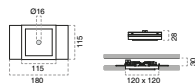


Model description
Descrizione modello

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,5 Kg	CRISTALYN®	120 x 120 mm	90



Measurements
Misure

Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4247R	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°) 190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Article code composition table
Tabella composizione codice articolo

Driver identification table
Tabella identificazione Driver

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for brickwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

Summary accessories table
Tabella riassuntiva accessori

4247S MINILED DO

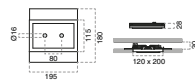


Model description
Descrizione modello

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,8 Kg	CRISTALYN®	120 x 200 mm	90



Measurements
Misure

Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4247S	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°) 190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	2x4W	960lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
500mA	2x6W	1320lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
700mA	2x8,5W	1700lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-2 1-2

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for brickwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4019	099.142	p. 62	2x028.216

Summary accessories table
Tabella riassuntiva accessori

Driver identification table
Tabella identificazione Driver

ARTICLE CODE COMPOSITION
 COMPOSIZIONE CODICE ARTICOLO

Example code

4253A	-27	187	W
Model	LED color temperature	Beam angle*	Finish**
5 digits	2 digits	3 digits	1 digits
	27 (2700K) 30 (3000K) 40 (4000K)	187 (20°) 188 (30°) 189 (40°) 190 (50°) or 197 (20°) 198 (40°)	B (Black) W (White)

STEP BY STEP

Example code

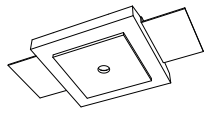
1. Identify the model to be ordered <i>Identifica il modello da ordinare</i>	4253A
2. Select the desired color temperature <i>Seleziona la temperatura colore desiderata</i>	27
3. Choose the beam angle* <i>Scegli il fascio di apertura</i>	187
4. Choose the color for the finish** <i>Scegli il colore per la finitura</i>	W

* Articles 4247A-4248A-4249A-4250A-4251A-4252A do not need the beam angle specification
 Gli articoli 4247A-4248A-4249A-4250A-4251A-4252A non necessitano della specifica per l'angolo lente

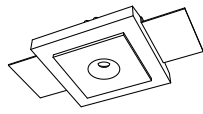
** Only articles 4253A-4253B-4253C-4253D need the letters B or W
 Solo gli articoli 4253A-4253B-4253C-4253D necessitano della lettera B o W

INDEX BY CATEGORY

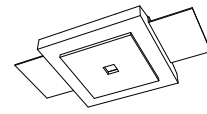
CEILING RECESSED LIGHTING



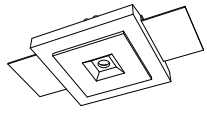
15
4247A
MINILED UNDICI



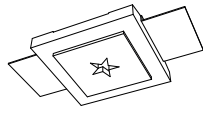
15
4248A
UNDICI ROUND



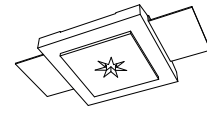
16
4249A
UNDICI QUADRO



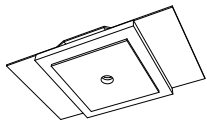
16
4250A
UNDICI SQUARE



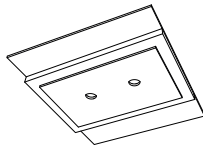
17
4251A
STAR FIVE



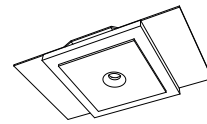
17
4252A
STAR SEVEN



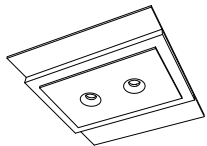
23
4247R
MINILED



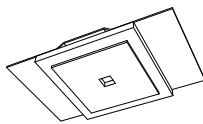
23
4247S
MINILED DO



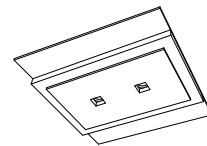
24
4248R
MINILED ROUND



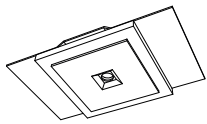
24
4248S
MINILED DOR



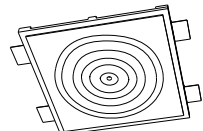
25
4249R
MINILED QUADRO



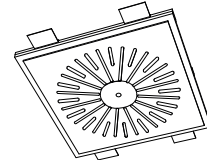
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4249S
MINILED DOQ



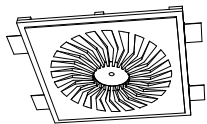
26
4250R
MINILED SQUARE



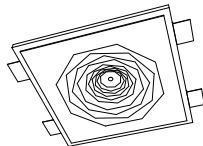
31
5512R
MINILED RITMO



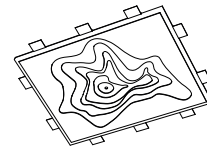
31
5513R
MINILED ASTRA



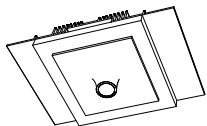
32
5514R
MINILED FABRIC



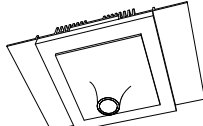
32
5515R
MINILED MANDALA



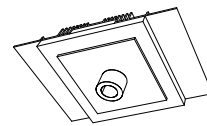
33
5516R
MINILED CIMA



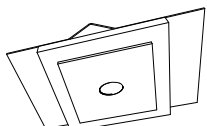
37
4254A
MINILED COLLI
NEW



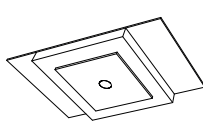
37
4254B
MINILED MONTI
NEW



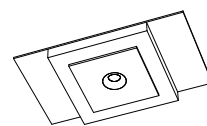
38
4254C
MINILED CILLI
NEW



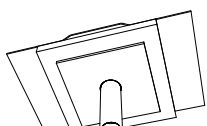
38
4247Z
MINILED DIAGO
NEW



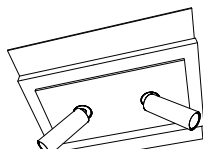
43
4247G
MICROLED
NEW



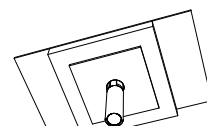
43
4248G
MICROLED ROUND
NEW



49
4253A
MINILED LINE
NEW

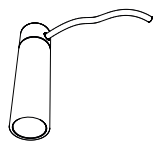


49
4253B
MINILED DOL
NEW

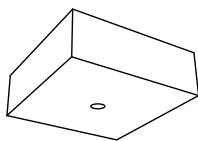


51
4253D
MICROLED LINE
NEW

CEILING LIGHTING



50
4253C
MINILED ALU
NEW



54
8903F
MINILED FLAT
NEW



4247A UNDICI
4248A UNDICI ROUND
4249A UNDICI QUADRO
4250A UNDICI SQUARE
4251A STAR FIVE
4252A STAR SEVEN

EN This series of lighting points, with its 11 mm in diameter hole-lights, is ideal for designs with a minimal and refined style. These lighting solutions can be arranged according to personal taste in luminous compositions that give a pleasant scenic effect within the walls of your home.

IT La serie di punti luce da 11 mm di diametro foro-luce è ideale per progetti dallo stile minimale e raffinato. Queste soluzioni illuminotecniche possono essere disposte a seconda del gusto personale in composizioni luminose che regalano un piacevole effetto scenografico all'interno delle mura domestiche.



Art. 4247A UNDICI

Private house - Milano
Arch. YOME - Your Tailored Home



Art. 4249A UNDICI QUADRO

4247A UNDICI

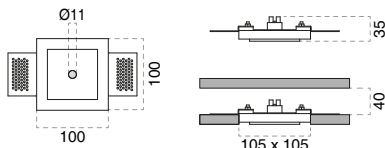


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,26 Kg	CRISTALY®	105 x 105 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore
4247A	2700 (2700K)
	3000 (3000K)
	4000 (4000K)

Technical specifications depending on power supply

Specifiche tecniche a seconda del tipo di alimentazione

Costant Voltage Tensione costante	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
24Vdc	2W	200lm	026.258: DRIVER ON/OFF	4
			026.259: DRIVER ON/OFF	14
			026.260: DRIVER ON/OFF	24
			026.301: DRIVER DIM	9
			026.209: DRIVER DIM	24
			026.260 DRIVER + 026.190 DIM	24

Accessories (For specification see p. 63)

Accessori (Per specifiche consultare p. 63)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza
023.450	099.142

4248A UNDICI ROUND

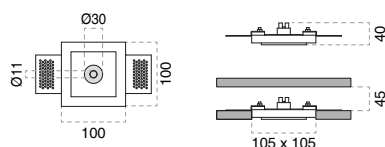


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,35 Kg	CRISTALY®	105 x 105 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore
4248A	2700 (2700K)
	3000 (3000K)
	4000 (4000K)

Technical specifications depending on power supply

Specifiche tecniche a seconda del tipo di alimentazione

Costant Voltage Tensione costante	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
24Vdc	2W	200lm	026.258: DRIVER ON/OFF	4
			026.259: DRIVER ON/OFF	14
			026.260: DRIVER ON/OFF	24
			026.301: DRIVER DIM	9
			026.209: DRIVER DIM	24
			026.260 DRIVER + 026.190 DIM	24

Accessories (For specification see p. 63)

Accessori (Per specifiche consultare p. 63)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza
023.450	099.142

4249A UNDICI QUADRO

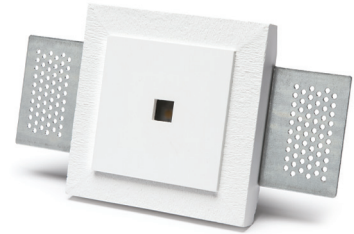
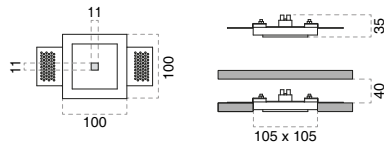
CE III IP20 IP44 C.V. [V]

PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,35 Kg	CRISTALY®	105 x 105 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore
4249A	2700 (2700K)
	3000 (3000K)
	4000 (4000K)

Technical specifications depending on power supply

Specifiche tecniche a seconda del tipo di alimentazione

Costant Voltage Tensione costante	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
24Vdc	2W	200lm	026.258: DRIVER ON/OFF	4
			026.259: DRIVER ON/OFF	14
			026.260: DRIVER ON/OFF	24
			026.301: DRIVER DIM	9
			026.209: DRIVER DIM	24
			026.260 DRIVER + 026.190 DIM	24

Accessories (For specification see p. 63)

Accessori (Per specifiche consultare p. 63)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza
023.450	099.142

4250A UNDICI SQUARE

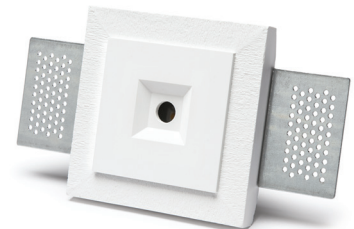
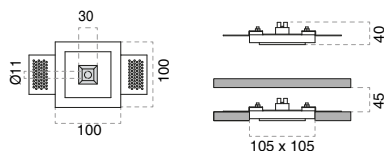
CE III IP20 IP44 C.V. [V]

PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,35 Kg	CRISTALY®	105 x 105 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore
4250A	2700 (2700K)
	3000 (3000K)
	4000 (4000K)

Technical specifications depending on power supply

Specifiche tecniche a seconda del tipo di alimentazione

Costant Voltage Tensione costante	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
24Vdc	2W	200lm	026.258: DRIVER ON/OFF	4
			026.259: DRIVER ON/OFF	14
			026.260: DRIVER ON/OFF	24
			026.301: DRIVER DIM	9
			026.209: DRIVER DIM	24
			026.260 DRIVER + 026.190 DIM	24

Accessories (For specification see p. 63)

Accessori (Per specifiche consultare p. 63)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza
023.450	099.142

4251A STAR FIVE

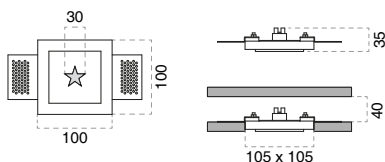


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,35 Kg	CRISTALY®	105 x 105 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore
4251A	2700 (2700K)
	3000 (3000K)
	4000 (4000K)

Technical specifications depending on power supply

Specifiche tecniche a seconda del tipo di alimentazione

Costant Voltage Tensione costante	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
24Vdc	2W	200lm	026.258: DRIVER ON/OFF	4
			026.259: DRIVER ON/OFF	14
			026.260: DRIVER ON/OFF	24
			026.301: DRIVER DIM	9
			026.209: DRIVER DIM	24
			026.260 DRIVER + 026.190 DIM	24

Accessories (For specification see p. 63)

Accessori (Per specifiche consultare p. 63)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza
023.450	099.142

4252A STAR SEVEN

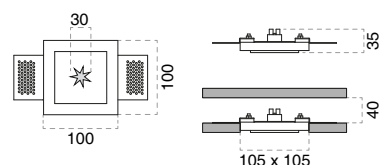


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,35 Kg	CRISTALY®	105 x 105 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore
4252A	2700 (2700K)
	3000 (3000K)
	4000 (4000K)

Technical specifications depending on power supply

Specifiche tecniche a seconda del tipo di alimentazione

Costant Voltage Tensione costante	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
24Vdc	2W	200lm	026.258: DRIVER ON/OFF	4
			026.259: DRIVER ON/OFF	14
			026.260: DRIVER ON/OFF	24
			026.301: DRIVER DIM	9
			026.209: DRIVER DIM	24
			026.260 DRIVER + 026.190 DIM	24

Accessories (For specification see p. 63)

Accessori (Per specifiche consultare p. 63)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza
023.450	099.142

Accessories

Accessori

Code <i>Codice</i>	Description <i>Descrizione</i>
023.450	Housing box for brickwork / <i>Controcassa per muratura</i> [105 x 105 x 65 mm] [Hole / <i>Foro</i> 135 x 135 x 75 mm]
099.142	Emergency Kit / <i>Kit Emergenza</i>



Art. 4250A UNDICI SQUARE



Art. 4251A STAR FIVE



4247R MINILED
4247S MINILED DO
4248R MINILED ROUND
4248S MINILED DOR
4249R MINILED QUADRO
4249S MINILED DOQ
4250R MINILED SQUARE

EN The 16 mm MINILEDs represent a veritable concentration of technology, which can be installed in only 30 mm of space. The exceptional hole/lumen/volume ratio is a global one of a kind, and was created exclusively by 9010novantadiecì to ensure the best lighting and maximum energy savings.

IT I MINILED da 16 mm rappresentano un vero e proprio concentrato di tecnologia, che può essere installato in soli 30 mm di spazio. L'eccezionale rapporto diametro foro / lumen / ingombri è unico al mondo, creato in esclusiva da 9010 per garantire la miglior illuminazione ed il massimo risparmio energetico.



Art. 4248S MINILED ROUND

Private house - Firenze
Arch. Silvia Pontillo



Art. 4250R MINILED SQUARE

Private house - Napoli
Arch. Federica Miele



Art. 4247S MINILED DO

4247R MINILED

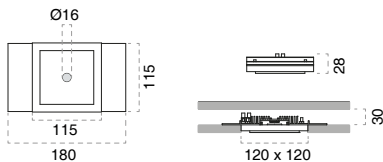


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,5 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4247R	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

4247S MINILED DO

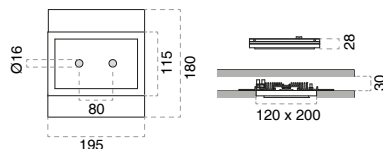


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,8 Kg	CRISTALY®	120 x 200 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4247S	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	2x4W	960lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
500mA	2x6W	1320lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
700mA	2x8,5W	1700lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-2 1-2

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4019	099.142	p. 62	2x028.216

4248R MINILED ROUND

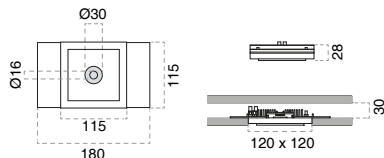
CE III IP20 IP44 C.C. [m.A.]

PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,5 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4248R	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

4248S MINILED DOR

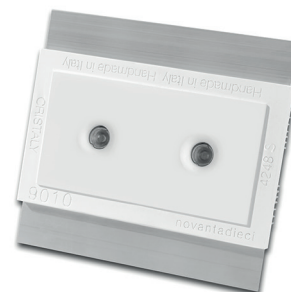
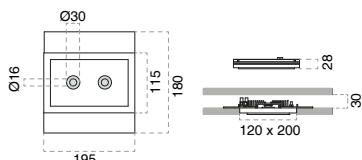
CE III IP20 IP44 C.C. [m.A.]

PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,8 Kg	CRISTALY®	120 x 200 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4248S	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	2x4W	960lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
500mA	2x6W	1320lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
700mA	2x8,5W	1700lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-2 1-2

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4019	099.142	p. 62	2x028.216

4249R MINI LED QUADRO

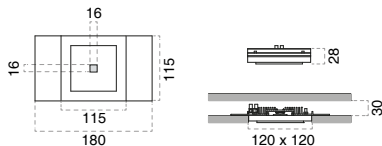
CE III IP20 IP44 C.C. [m.A.]

PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,5 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4249R	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

4249S MINI LED DOQ

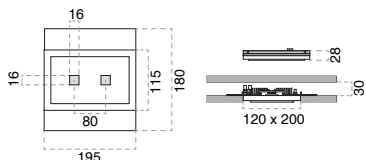
CE III IP20 IP44 C.C. [m.A.]

PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,8 Kg	CRISTALY®	120 x 200 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4249S	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	2x4W	960lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
500mA	2x6W	1320lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-2 1
700mA	2x8,5W	1700lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-2 1-2

Accessories (For specification see p. 62)

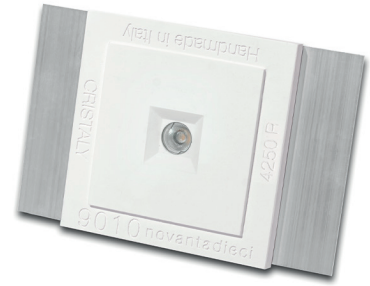
Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4019	099.142	p. 62	2x028.216

4250R MINILED SQUARE

CE  IP20
IP44  C.C.
[m.A.]

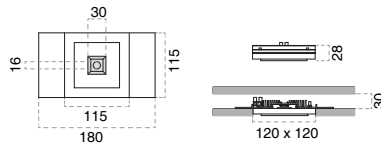
PATENTED



General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,5 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4250R	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

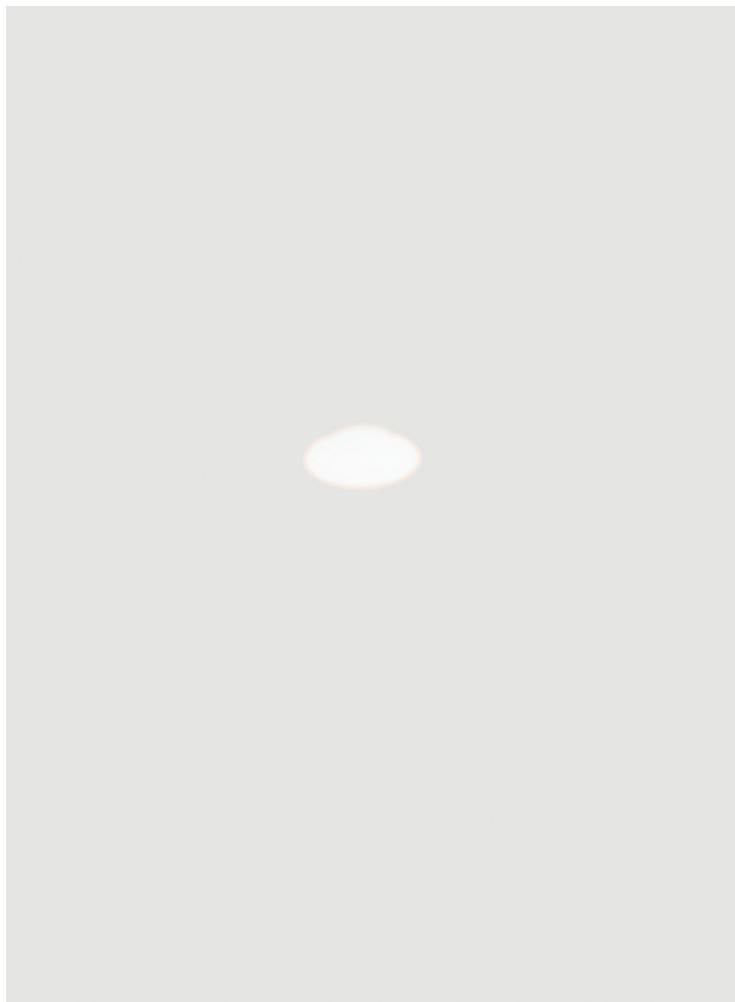
Accessori (Per specifiche consultare p. 62)

Housing box for brickwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

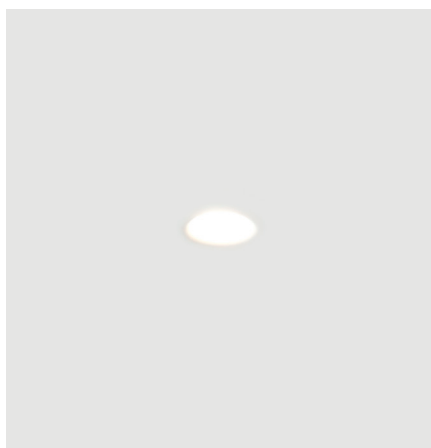
Accessories

Accessori

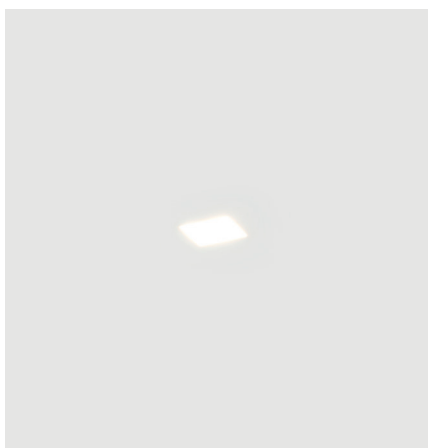
Code Codice	Description Descrizione
023.4018	Housing box for brickwork / Controcassa per muratura [185 x 120 x 45 mm] [Hole / Foro 215 x 150 x 55 mm]
023.4019	Housing box for brickwork / Controcassa per muratura [185 x 200 x 45 mm] [Hole / Foro 215 x 230 x 55 mm]
099.142	Emergency Kit / Kit Emergenza
099.802.P	Additional MINILED lens 20° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 20° (Lente e molla)
099.803.P	Additional MINILED lens 30° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 30° (Lente e molla)
099.804.P	Additional MINILED lens 40° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 40° (Lente e molla)
099.805.P	Additional MINILED lens 50° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 50° (Lente e molla)
028.216	Honeycomb Anti-Glare Diffuser / Frangiluce a nido d'ape



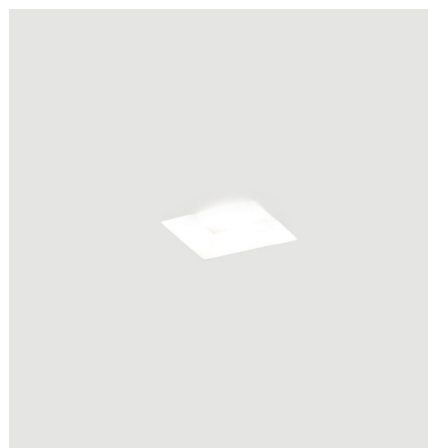
Art. 4247R MINILED



Art. 4248R MINILED ROUND



Art. 4249R MINILED QUADRO



Art. 4250R MINILED SQUARE



5516R MINILED CIMA

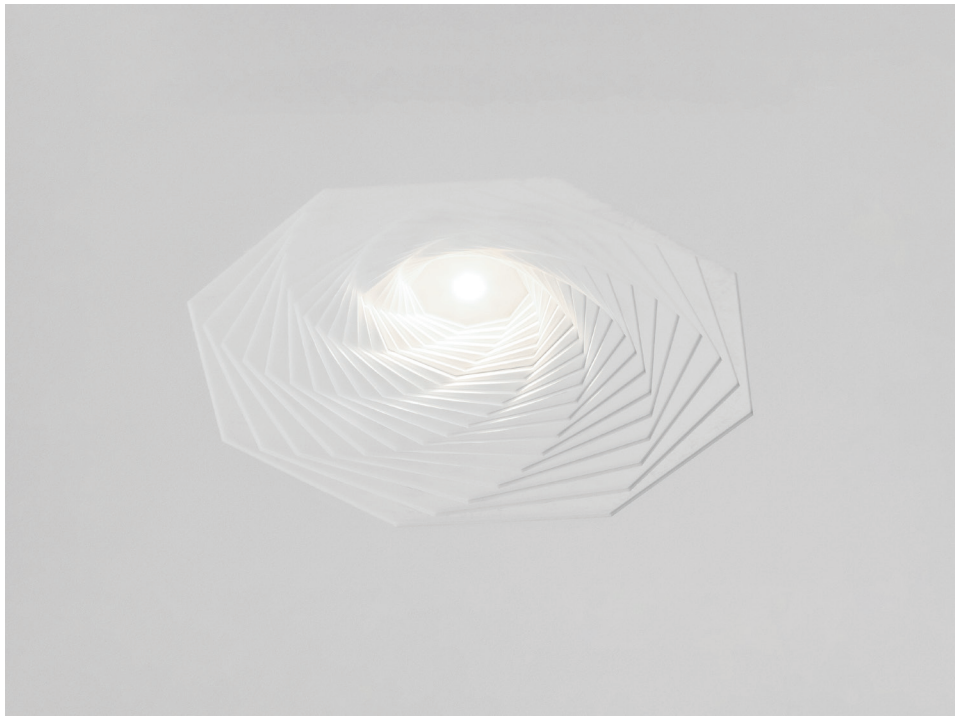
5512R MINILED RITMO
5513R MINILED ASTRA
5514R MINILED FABRIC
5515R MINILED MANDALA
5516R MINILED CIMA



Giulia Ciccarese, Devis Busato

EN These ceiling lighting points transcend the essence of simple lighting complements. This collection combines MINILED technology with the decorative effect of CRISTALY® roses, designed by the interior designer Giulia Ciccarese and the architect Devis Busato, founders of Formidable Studio.

IT I punti luce a plafone trascendono l'essenza del semplice complemento per l'illuminazione. La collezione combina la tecnologia dei MINILED con l'effetto decorativo dei rosoni in CRISTALY®, progettati dall'interior designer Giulia Ciccarese e dall'architetto Devis Busato, fondatori di Formidable Studio.



Art. 5515R MINILED MANDALA



Art. 5513R MINILED ASTRA

5512R MINI LED RITMO

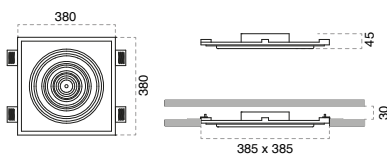


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
3,5 Kg	CRISTALY®	385 x 385 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
5512R	27 (2700K) 30 (3000K) 40 (4000K)	187 (20°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.216

5513R MINI LED ASTRA

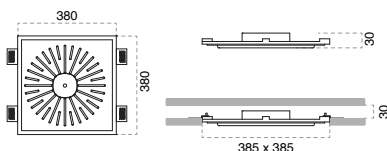


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
3,2 Kg	CRISTALY®	385 x 385 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
5513R	27 (2700K) 30 (3000K) 40 (4000K)	187 (20°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.216

5514R MINI LED FABRIC

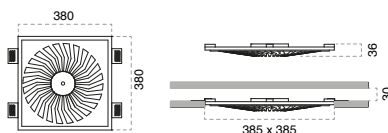


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
3,6 Kg	CRISTALY®	385 x 385 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
5514R	27 (2700K) 30 (3000K) 40 (4000K)	187 (20°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.216

5515R MINI LED MANDALA

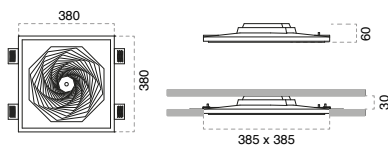


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
4,6 Kg	CRISTALY®	385 x 385 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
5515R	27 (2700K) 30 (3000K) 40 (4000K)	187 (20°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.216

5516R MINILED CIMA

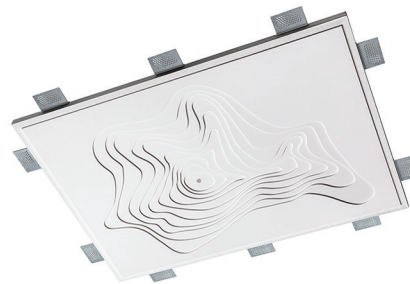
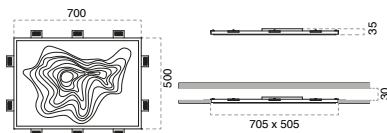


PATENTED

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
11 Kg	CRISTALY®	705 x 505 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
5516R	27 (2700K) 30 (3000K) 40 (4000K)	187 (20°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.216

Accessories

Accessori

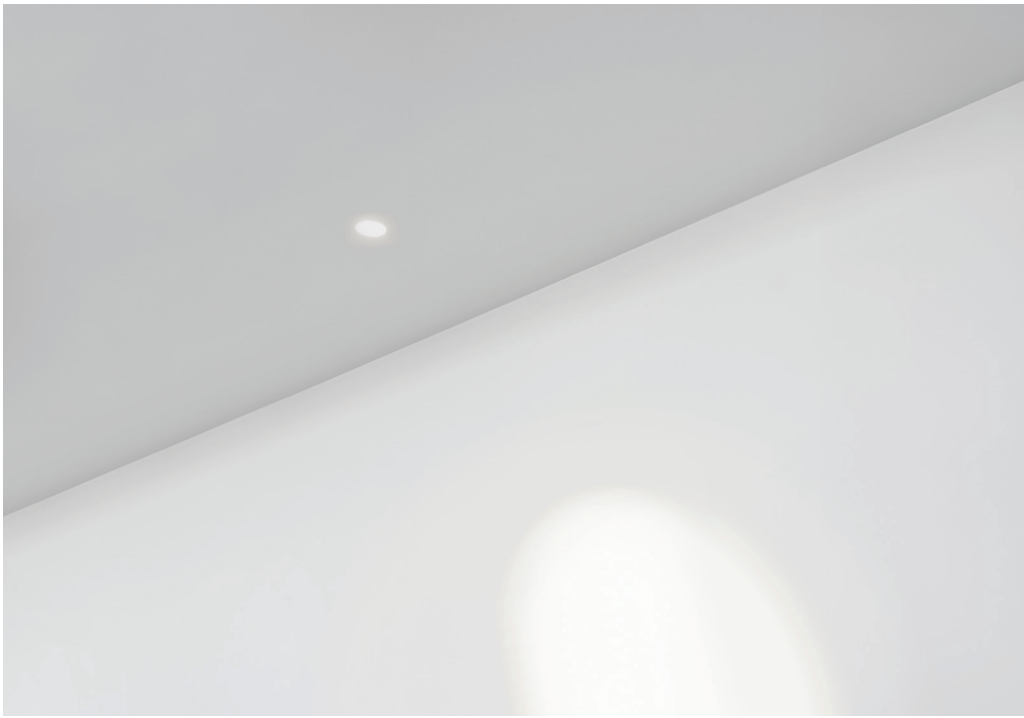
Code Codice	Description Descrizione
099.142	Emergency Kit / Kit Emergenza
099.802.P	Additional MINILED lens 20° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 20° (Lente e molla)
099.803.P	Additional MINILED lens 30° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 30° (Lente e molla)
099.804.P	Additional MINILED lens 40° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 40° (Lente e molla)
099.805.P	Additional MINILED lens 50° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 50° (Lente e molla)
028.216	Honeycomb Anti-Glare Diffuser / Frangiluce a nido d'ape



4254A MINILED COLLI
4254B MINILED MONTI
4254C MINILED CILLI
4247Z MINILED DIAGO

^{EN} The new lighting points of 16 mm keep the exceptional hole/lumen/volume ratio of the MINILED 9010novantadieci, combining new decorative, gentle and refined shapes, giving further possibilities of new emotional plays of light.

«I nuovi punti luce da 16 mm mantengono l'eccezionale rapporto foro / lumen / ingombro dei punti luce MINILED 9010 e lo combinano a nuove forme decorative delicate ed eleganti, dando ulteriore possibilità di creare giochi di luce emozionali.



Art. 4247Z MINILED DIAGO



Art. 4254C MINILED CILLI

4254A MINI LED COLLI

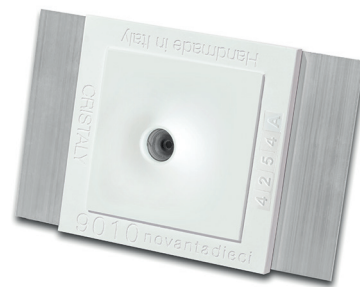
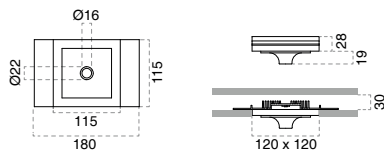
CE III IP20 IP44 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,45 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4254A	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

4254B MINI LED MONTI

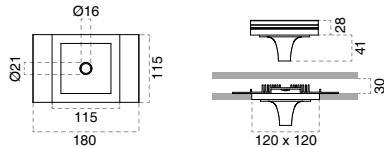
CE III IP20 IP44 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,46 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4254B	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

4254C MINILED CILLI

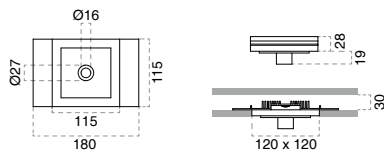
CE III IP20 IP44 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,44 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4254C	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

4247Z MINILED DIAGO

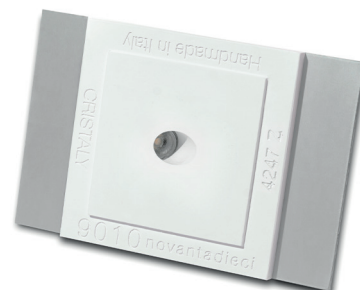
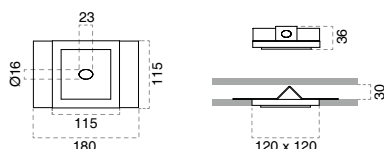
CE III IP20 IP44 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,4 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4247Z	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

Accessories

Accessori

Code Codice	Description Descrizione
023.4018	Housing box for brickwork / Controcassa per muratura [185 x 120 x 45 mm] [Hole / Foro 215 x 150 x 55 mm]
099.142	Emergency Kit / Kit Emergenza
099.802.P	Additional MINILED lens 20° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 20° (Lente e molla)
099.803.P	Additional MINILED lens 30° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 30° (Lente e molla)
099.804.P	Additional MINILED lens 40° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 40° (Lente e molla)
099.805.P	Additional MINILED lens 50° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 50° (Lente e molla)
028.216	Honeycomb Anti-Glare Diffuser / Frangiluce a nido d'ape



4247G MICROLED

4248G MICROLED ROUND

EN The new MICROLEDs of 11mm with CRISTALY® body have been created to satisfy the necessity of a compact and functional lighting point that could preserve the MINILEDs efficiency. Thanks to the low power of 4W, the new recessed spotlights offer an excellent output using the LED technology.

IT I nuovi MICROLED da 11mm con corpo in CRISTALY® nascono per assolvere alla necessità di un punto luce compatto e funzionale che possa mantenere l'efficienza dei MINILED. Grazie alla ridotta potenza di 4W, i nuovi incassi offrono un'ottima resa luminosa sfruttando la tecnologia LED.



Art. 4248G MICROLED ROUND



Art. 4247G MICROLED

4247G MICROLED

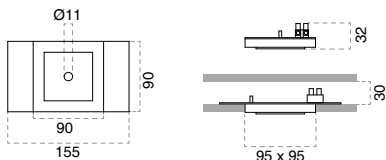
CE III IP20 IP44 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,23 Kg	CRISTALY®	95 x 95 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4247G	27 (2700K)	197 (20°) 198 (40°)
	30 (3000K)	
	40 (4000K)	

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
500mA	1W	146lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-16 4-15
700mA	2W	200lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-16 4-18
900mA	3W	240lm	026.324: DRIVER ON/OFF 026.328: DRIVER ON/OFF 026.307: DRIVER DIM	1-12 1-14 4-18
1400mA	4W	350lm	026.328: DRIVER ON/OFF 026.307: DRIVER DIM	1-11 4-10

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.211

4248G MICROLED ROUND

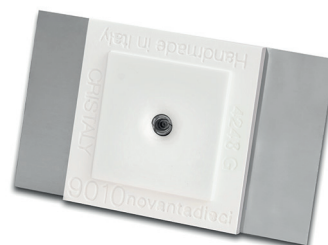
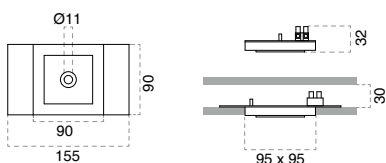
CE III IP20 IP44 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,23 Kg	CRISTALY®	95 x 95 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
4248G	27 (2700K)	197 (20°) 198 (40°)
	30 (3000K)	
	40 (4000K)	

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
500mA	1W	146lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-16 4-15
700mA	2W	200lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-16 4-18
900mA	3W	240lm	026.324: DRIVER ON/OFF 026.328: DRIVER ON/OFF 026.307: DRIVER DIM	1-12 1-14 4-18
1400mA	4W	350lm	026.328: DRIVER ON/OFF 026.307: DRIVER DIM	1-11 4-10

Accessories (For specification see p. 62)

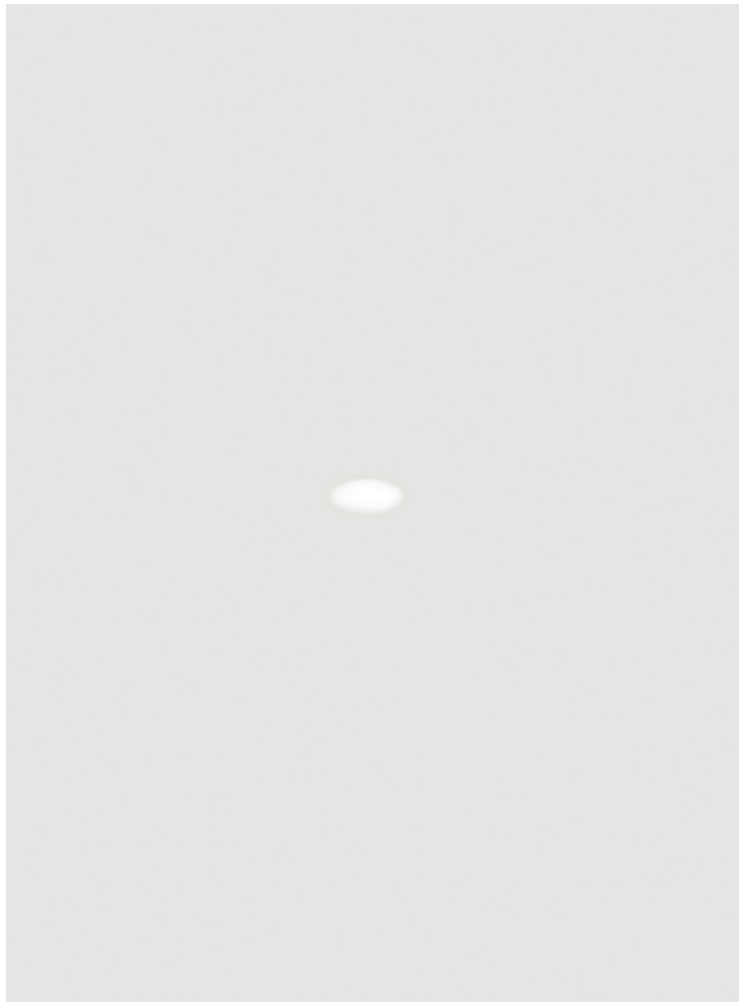
Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.211

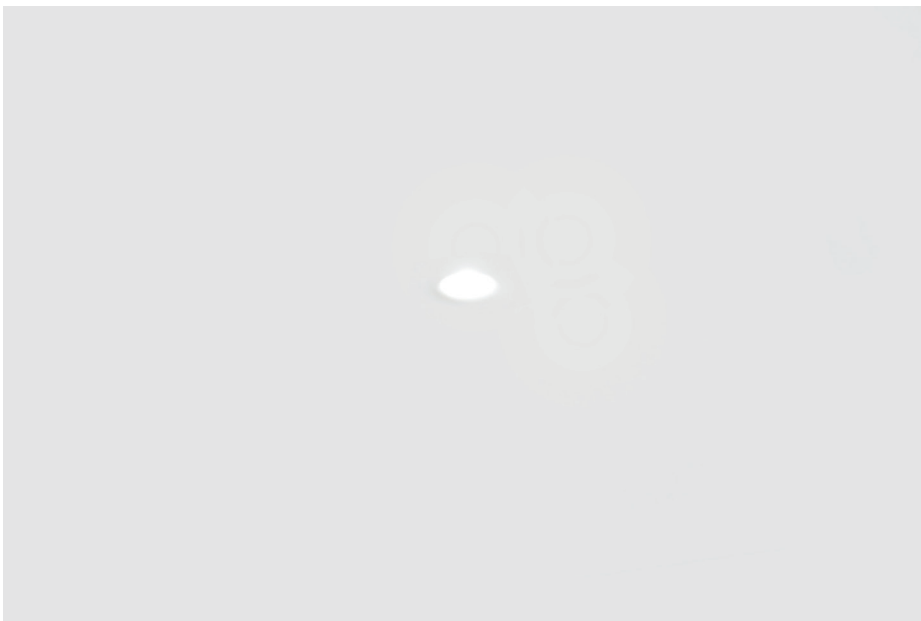
Accessories

Accessori

Code <i>Codice</i>	Description <i>Descrizione</i>
099.142	Emergency Kit / <i>Kit Emergenza</i>
099.806.P	Additional MICROLED lens 20° Kit (Lens and spring) / <i>Kit lente MICROLED aggiuntiva 20° (Lente e molla)</i>
099.807.P	Additional MICROLED lens 40° Kit (Lens and spring) / <i>Kit lente MICROLED aggiuntiva 40° (Lente e molla)</i>
028.211	Honeycomb Anti-Glare Diffuser / <i>Frangilucente a nido d'ape</i>



Art. 4247G MICROLED



Art. 4248G MICROLED ROUND



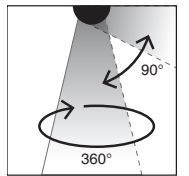
4253A MINILED LINE 4253B MINILED DOL 4253C MINILED ALU 4253D MICROLED LINE

EN A versatile and innovative solution that joins the purity of CRISTALY® and the high-strength of ALUMITE®. 9010novantadieci introduces new tiltable and adjustable spotlights, available in two colours: white and black. They are suitable for accented lighting and perfect for enhancing focus areas, guarantee maximum technology and light output.

IT Una soluzione versatile e innovativa che unisce la purezza di CRISTALY® e la resistenza di ALUMITE®. 9010 propone dei faretti inclinabili e orientabili, disponibili in due colorazioni: bianco e nero. Adatti all'illuminazione d'accento e perfetti per valorizzare le zone di interesse, garantiscono massima tecnologia e resa luminosa.



Adjustable spotlight 360° and tiltable 90°
Faretto orientabile di 360° e inclinabile di 90°



4253A MINILED LINE in white (W)



4253C MINILED ALU



4253D MICROLED LINE

4253A MINILED LINE

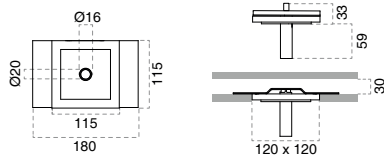
CE III IP20 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,5 Kg	CRISTALY®	120 x 120 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente	Finish Finitura
4253A	27 (2700K)	187 (20°)	B (Black) W (White)
	30 (3000K)	188 (30°)	
	40 (4000K)	189 (40°)	
		190 (50°)	

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF	1-4
			026.300: DRIVER DIM	1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF	1-4
			026.300: DRIVER DIM	1-3

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4018	099.142	p. 62	028.216

4253B MINILED DOL

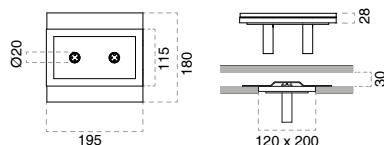
CE III IP20 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,71 Kg	CRISTALY®	120 x 200 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente	Finish Finitura
4253B	27 (2700K)	187 (20°)	B (Black) W (White)
	30 (3000K)	188 (30°)	
	40 (4000K)	189 (40°)	
		190 (50°)	

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	2x4W	960lm	026.324: DRIVER ON/OFF	1-2
			026.300: DRIVER DIM	1
500mA	2x6W	1320lm	026.324: DRIVER ON/OFF	1-2
			026.300: DRIVER DIM	1

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Housing box for birckwork Controcassa per muratura	Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
023.4019	099.142	p. 62	2x028.216

4253C MINILED ALU

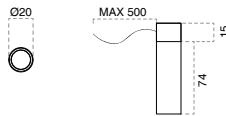
CE III IP20 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	CRI
0,06 Kg	ALUMITE®	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente	Finish Finitura
4253C	27 (2700K)	187 (20°)	B (Black) W (White)
	30 (3000K)	188 (30°)	
	40 (4000K)	189 (40°)	
		190 (50°)	

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF	1-4
			026.300: DRIVER DIM	1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF	1-4
			026.300: DRIVER DIM	1-3

Accessories (For specification see p. 62)

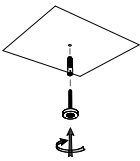
Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.216

INSTALLATION ON NON-MAGNETIC SURFACES INSTALLAZIONE SU SUPERFICI NON MAGNETICHE

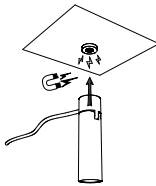
1

Screw the magnet
Avvitare la calamita



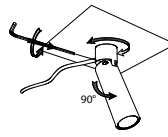
2

Fasten the item to the magnet
Fissare l'articolo al magnete



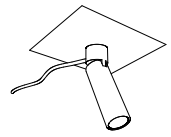
3

Position in the desired direction and fasten the screw
Posizionare nella direzione desiderata e fissare il grano



4

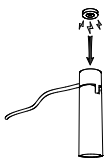
Final result
Risultato finale



INSTALLATION ON FERROMAGNETIC MATERIALS INSTALLAZIONE SU MATERIALI FERROMAGNETICI

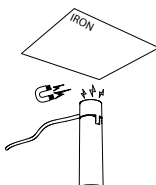
1

Insert the magnet
Inserire la calamita



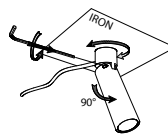
2

Fasten the item to the surface
Fissare l'articolo alla superficie



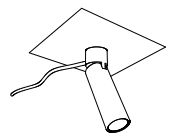
3

Position in the desired direction and fasten the screw
Posizionare nella direzione desiderata e fissare il grano



4

Final result
Risultato finale



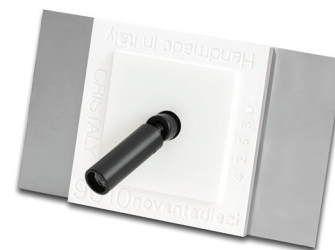
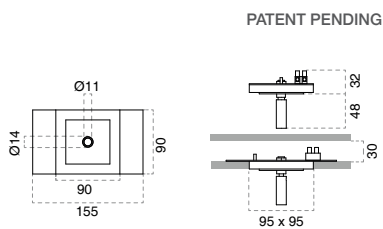
4253D MICROLED LINE

CE III IP20 C.C. [m.A.]

General information

Informazioni generali

Weight Peso	Material Materiale	Plasterboard hole Foro Cartongesso	CRI
0,26 Kg	CRISTALY®	95 x 95 mm	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente	Finish Finitura
4253D	27 (2700K) 30 (3000K) 40 (4000K)	197 (20°) 198 (40°)	B (Black) W (White)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
500mA	1W	146lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-16 4-15
700mA	2W	200lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-16 4-18
900mA	3W	240lm	026.324: DRIVER ON/OFF 026.328: DRIVER ON/OFF 026.307: DRIVER DIM	1-12 1-14 4-18

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.211

Accessories

Accessori

Code Codice	Description Descrizione
023.4018	Housing box for brickwork / Controcassa per muratura [185 x 120 x 45 mm] [Hole / Foro 215 x 150 x 55 mm]
023.4019	Housing box for brickwork / Controcassa per muratura [185 x 200 x 45 mm] [Hole / Foro 215 x 230 x 55 mm]
099.142	Emergency Kit / Kit Emergenza
099.802.P	Additional MINILED lens 20° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 20° (Lente e molla)
099.803.P	Additional MINILED lens 30° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 30° (Lente e molla)
099.804.P	Additional MINILED lens 40° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 40° (Lente e molla)
099.805.P	Additional MINILED lens 50° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 50° (Lente e molla)
099.806.P	Additional MICROLED lens 20° Kit (Lens and spring) / Kit lente MICROLED aggiuntiva 20° (Lente e molla)
099.807.P	Additional MICROLED lens 40° Kit (Lens and spring) / Kit lente MICROLED aggiuntiva 40° (Lente e molla)
028.216	Honeycomb Anti-Glare Diffuser / Frangiluce a nido d'ape MINILED
028.211	Honeycomb Anti-Glare Diffuser / Frangiluce a nido d'ape MICROLED



8903F MINILED FLAT

^{EN} This ceiling lamp MINILED in CRISTALY® of square shape it is an ideal choice for any lighting project. Suitable to fit any environment, it diffuses a pleasant light through a 16 mm hole.

^{IT} Questa plafoniera MINILED in CRISTALY® di forma quadrata è una scelta ideale per ogni progetto di illuminazione. Adatta ad integrarsi perfettamente con l'ambiente scelto, diffonde una piacevole luce attraverso un foro 16 mm.

8903F MINILED FLAT

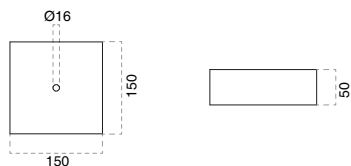
CE III IP20 C.C. [m.A.]

PATENT PENDING

General information

Informazioni generali

Weight Peso	Material Materiale	CRI
1 Kg	CRISTALY®	90



Article code composition

Composizione codice articolo

Model Modello	Colour temperature Temperatura colore	Beam angle Angolo lente
8903F	27 (2700K)	187 (20°)
	30 (3000K)	188 (30°)
	40 (4000K)	189 (40°)
		190 (50°)

Technical specifications depending on power supply (see p.60)

Specifiche tecniche a seconda del tipo di alimentazione (consultare p.60)

Current Corrente	Power Potenza	Lumens Lumen @3000K	Compatible DRIVERS DRIVER compatibili (Not included / Non incluso)	N° of pluggable articles N° di articoli alimentabili
350mA	4W	480lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
500mA	6W	660lm	026.324: DRIVER ON/OFF 026.300: DRIVER DIM	1-4 1-3
700mA	8,5W	850lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-4 1-4
900mA	11W	1050lm	026.324: DRIVER ON/OFF 026.307: DRIVER DIM	1-3 1-4

Accessories (For specification see p. 62)

Accessori (Per specifiche consultare p. 62)

Emergency Kit Kit emergenza	Additional Lens Kit Kit Lente aggiuntiva	Honeycomb Anti-Glare Diffuser Frangiluce a nido d'ape
099.142	p. 62	028.216

Accessories

Accessori

Code Codice	Description Descrizione
099.142	Emergency Kit / Kit Emergenza
099.802.P	Additional MINILED lens 20° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 20° (Lente e molla)
099.803.P	Additional MINILED lens 30° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 30° (Lente e molla)
099.804.P	Additional MINILED lens 40° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 40° (Lente e molla)
099.805.P	Additional MINILED lens 50° Kit (Lens and spring) / Kit lente MINILED aggiuntiva 50° (Lente e molla)
028.216	Honeycomb Anti-Glare Diffuser / Frangiluce a nido d'ape



Art. 8903F MINILED FLAT

MATERIALS MATERIALI

CRISTALY®

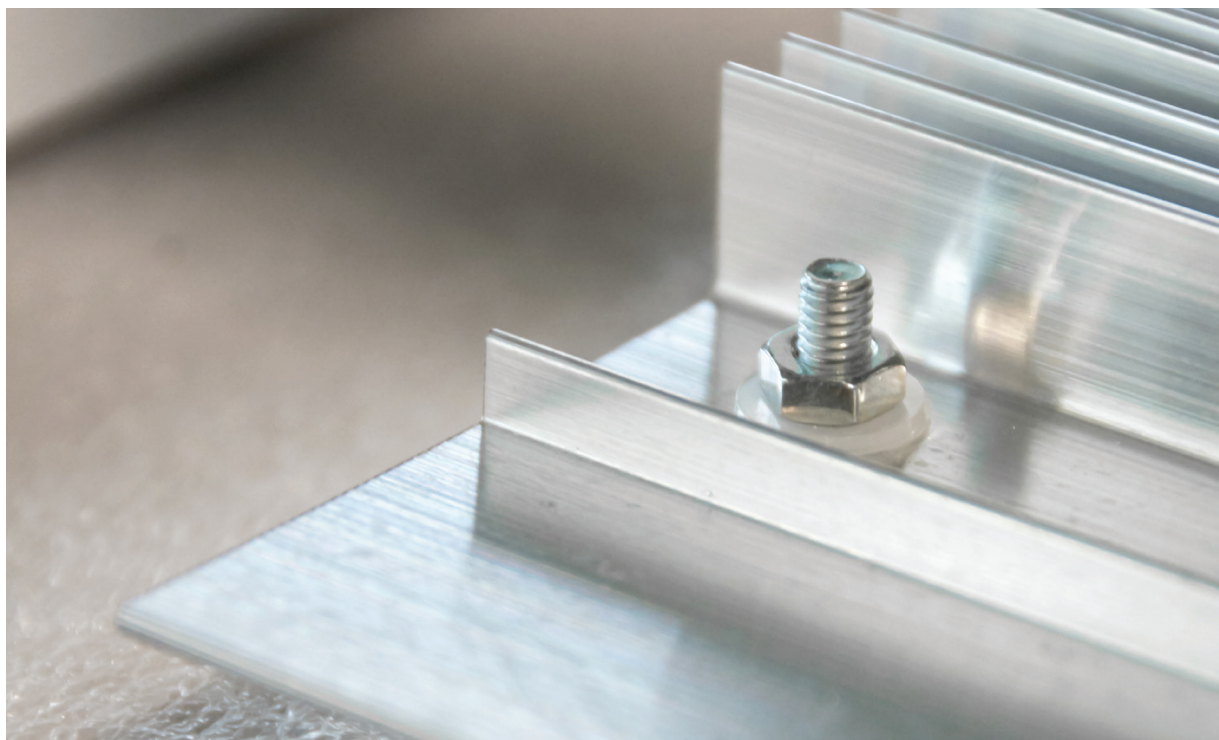


EN Unique to 9010novantadiec products, this singular material with its incredible characteristics, is a compound capable of enhancing light. CRISTALY® is fully compatible with plasters and materials used for plasterboard installations, and has a powerful antibacterial effect both in lit and dark areas. As confirmed by tests conducted in specialized laboratories, CRISTALY® is able to neutralise dangerous airborne substances, rendering them harmless. It is also smooth to the touch and allows endless possibilities for customization.

IT Presente solo nei prodotti 9010, un materiale unico e dalle incredibili caratteristiche, un composto in grado di esaltare la luce. CRISTALY® è completamente compatibile con gli stucchi e i materiali usati per le installazioni su cartongesso, ed è un materiale con un potente effetto antibatterico, il cui processo funziona sia alla luce che al buio. Come confermato dai test condotti in laboratori specializzati, CRISTALY® trasforma le sostanze nocive dell'aria in sostanze innocue.



ALUMITE®



EN Used exclusively in 9010novantadiecì products, ALUMITE® is a special aluminium alloy with the innovative characteristics of lightness, brilliance and resistance to atmospheric agents. From the artisan manufacturing tradition to the detailed technical research, our path culminates in the creation of specific materials for the 9010novantadiecì light creations, able to adapt to any project.

IT ALUMITE® è una speciale lega di alluminio che presenta innovative caratteristiche di leggerezza, brillantezza e resistenza agli agenti atmosferici, in esclusiva nei prodotti 9010. Dalla tradizione manifatturiera artigianale alla speciale ricerca tecnica, un percorso che culmina nella realizzazione di materiali specifici per le creazioni di luce di 9010, che si adattano ad ogni progetto.



COLLEGAMENTI

CONSTANT CURRENT POWER SUPPLY ALIMENTAZIONE A CORRENTE COSTANTE

EN Products marked with (*) require a constant current output power supply. Appliances powered at constant current must be connected together in series as each appliance must be powered at the same current [mA].

IT I prodotti con l'indicazione (*) necessitano di un alimentatore con uscita in corrente costante. Il collegamento di più articoli funzionanti in corrente costante deve essere effettuato in serie poiché ogni apparecchio deve essere attraversato dalla medesima corrente [mA].

*

C.C.
[m.A.]



CHOOSING THE POWER SUPPLY

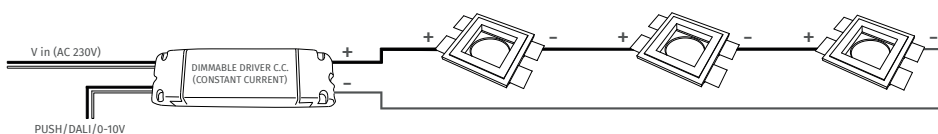
1. The power supply output must be at constant current. The output current [mA] must be equal to the rated output current of the powered appliance.
2. The sum of the power outputs [W] of the spotlights to power must not exceed the rated power output of the power supply.

SCELTA DELL'ALIMENTATORE

1. L'uscita dell'alimentatore deve essere a corrente costante (constant current). La corrente [mA] in uscita deve essere uguale a quella nominale dell'articolo da pilotare.
2. La somma delle Potenze [W] dei faretto da alimentare non deve superare la potenza di targa dell'alimentatore.

EN Dimmer-regulated LED appliances with constant current control: 9010 features an extensive range of dimmer regulated power supplies with Constant Current output. Different options with different power and current outputs are available for all three control typologies (Push, 0-10V and DALI), as indicated in the details of each article page.

IT Dimmerazione su articoli LED controllati in corrente costante: 9010 mette a disposizione una vasta gamma di alimentatori dimmerabili con uscita in Corrente Costante. Per le tre tipologie di controllo (Push, 0-10V e DALI) ci sono diverse opzioni per taglie di potenza e corrente diverse, come indicato nella tabella di ogni articolo.



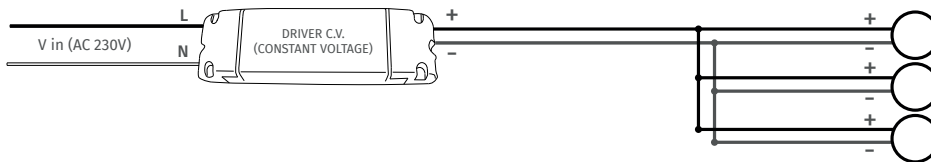
CONSTANT VOLTAGE POWER SUPPLY ALIMENTAZIONE A TENSIONE COSTANTE

EN Products marked with (*) require a constant voltage output power supply. Appliances powered at constant voltage must be connected together in parallel as each appliance must be powered at the same voltage [V]. All the items in the 9010novantadieci collection that require a 24Vdc constant voltage power supply are fitted with the customised 9010novantadieci LED circuit.

IT I prodotti con questa (*) indicazione necessitano di un alimentatore con uscita in tensione costante. Il collegamento di più articoli funzionanti in tensione costante deve essere effettuato in parallelo poiché ogni apparecchio deve essere alimentato allo stesso voltaggio [V]. Tutti gli articoli della collezione 9010 che necessitano di un'alimentazione in tensione costante di 24Vdc sono dotati di circuito LED personalizzato 9010.

*

C.V.
[V]



CHOOSING THE POWER SUPPLY

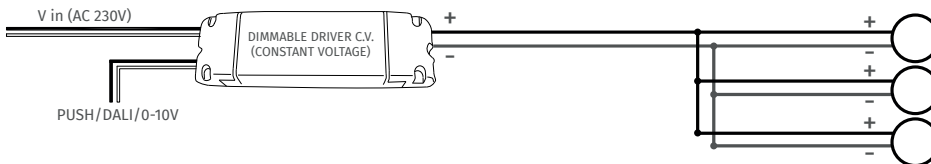
1. The power supply output must be at constant voltage and the output voltage [V] must be equal to the rated output voltage of the powered appliance.
2. The sum of the power outputs [W] of the spotlights to power must not exceed the rated power output of the power supply.

SCELTA DELL'ALIMENTATORE

1. L'uscita dell'alimentatore deve essere a tensione costante (constant voltage) e la tensione in uscita [V] deve essere uguale a quella nominale dell'articolo da pilotare.
2. La somma delle potenze [W] dei faretto da alimentare non deve superare la potenza di targa dell'alimentatore.

EN Dimmer-regulated LED appliances with constant voltage control 9010novantadieci offers two possibilities of dimming LEDs with constant voltage control:

IT Dimmerazione su articoli LED controllati in tensione costante. 9010 offre due possibilità per la dimmerazione di LED comandati in tensione costante:

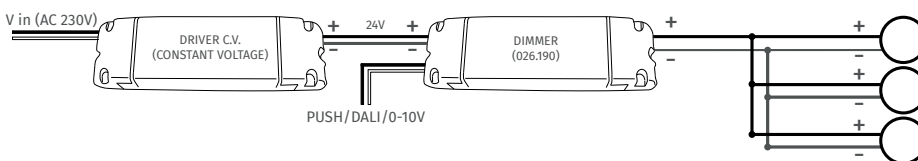


WITH DIMMER-REGULATED POWER SUPPLY

This solution is ideal for low power systems (up to a total of 24W); a power supply fitted with a dimmer control feature is used to directly power the LED device.

TRAMITE ALIMENTATORE DIMMERABILE

Questa soluzione è ideale per sistemi di bassa potenza (fino a max 24W totali), per alimentare il dispositivo LED si usa direttamente un alimentatore provvisto della parte di comando per la dimmerazione.



WITH DIMMER-REGULATED DRIVER

This solution is ideal for high power systems; to control the device, a driver with signal input used to dim the LED is inserted between the power supply output and the LED.

TRAMITE DRIVER DIMMERABILE

Questa soluzione è ideale per sistemi di potenza elevata, per controllare il dispositivo si interpone tra l'uscita dell'alimentatore ed il LED un driver che prevede l'ingresso del segnale per poter dimmerare il LED.

DRIVER

ALIMENTATORI POWER SUPPLY

Code Codice	Measurements (mm) Misure (mm)			Input Ingresso [V]	Type TIPO	DIM	Power Potenza	min	max	PFC	fdp	Rendim. %
	A	B	C									
026.209	125	82	29	220-240V~	CV - 24V	PUSH/0-10V	60W	1mA	2500mA	att	0,9	90
026.258	130	42	23	220-240V~	CV - 24V		12W	0mA	500mA	att	> 0.8	81
026.259	169	56	18	220-240V~	CV - 24V		36W	0mA	1500mA	att	> 0.87	84
026.260	157	54	36	220-240V~	CV - 24V		60W	0mA	2500mA	att	> 0.92	88
026.300	155	51	26	220-240V~	CC - 350mA	PUSH/0-10V/A-10V/DALI	16.1W	9V	46V	att	0,95	90
					CC - 500mA	PUSH/0-10V/A-10V/DALI	20W	9V	46V	att	0,95	90
					CC - 700mA	PUSH/0-10V/A-10V/DALI	19.6W	3V	40V	att	0,95	90
					CC - 900mA	PUSH/0-10V/A-10V/DALI	19.8W	3V	30V	att	0,95	90
026.301	164	38	24.5	220-240V~	CV - 24V	PUSH/0-10V/A-10V/DALI	24W	0mA	1000mA	att	0,95	90
026.307	123	79	23.8	220-240V~	CC - 700mA	PUSH/0-10V/A-10V/DALI	40.6W	9V	58V	att	0,95	86
					CC - 900mA	PUSH/0-10V/A-10V/DALI	52.2W	9V	58V	att	0,95	86
026.324	163	30	21	220-240V~	CC - 350mA		17.5W	2.5V	50V	att	≥ 0,95	88
					CC - 500mA		25W	2.5V	50V	att	≥ 0,95	88
					CC - 700mA		35W	2.5V	50V	att	≥ 0,95	88
					CC - 900mA		36W	2.5V	40V	att	≥ 0,95	88
026.328	145	45	32	220-240V~	CC - 500mA		22W	2.5V	44V	att	> 0,95	89
					CC - 700mA		30W	2.5V	44V	att	> 0,95	89
					CC - 900mA		39W	2.5V	44V	att	> 0,95	89
					CC - 1400mA		53W	2.5V	38.5V	att	> 0,95	89

DIMMER

Code Codice	Measurements (mm) Misure (mm)			Input Ingresso [V]	Type TIPO	DIM	Power Potenza	min	max	PFC	fdp	Rendim. %
	A	B	C									
026.190	156	52	24	12-24VDC	CV - 24V	PUSH/0-10V/DALI	288W	1mA	12000mA	att	0,9	87

ACCESSORI

LENS KIT KIT LENTE

Code Codice	Beam angle Angolo Lente	Content Contenuto	Article Articolo	
099.802.P	20°	1x MINILED Lens + spring / 1x Lente + molla MINILED	4247R	5515R
			4247S	5516R
099.803.P	30°	1x MINILED Lens + spring / 1x Lente + molla MINILED	4248R	4247Z
			4248S	4254A
			4249R	4254B
099.804.P	40°	1x MINILED Lens + spring / 1x Lente + molla MINILED	4249S	4254C
			4250R	4253A
099.805.P	50°	1x MINILED Lens + spring / 1x Lente + molla MINILED	5512R	4253B
			5513R	4253C
			5514R	8903F
099.806.P	20°	1x MICROLED Lens + spring / 1x Lente + molla MICROLED	4247G	
099.807.P	40°	1x MICROLED Lens + spring / 1x Lente + molla MICROLED	4248G	
			4253D	

HONEYCOMB ANTI-GLARE DIFFUSER FRANGILUCE A NIDO D'APE

Code Codice	Content Contenuto	Article Articolo	
028.216	1x Honeycomb anti-glare diffuser for MINILED / 1x Frangiluce a nido d'ape per MINILED	4247R	5515R
		4247S	5516R
		4248R	4247Z
		4248S	4254A
		4249R	4254B
		4249S	4254C
		4250R	4253A
		5512R	4253B
		5513R	4253C
		5514R	8903F
028.211	1x Honeycomb anti-glare diffuser for MICROLED / 1x Frangiluce a nido d'ape per MICROLED	4247G	
		4248G	
		4253D	

HOUSING BOX FOR CONCRETE / BRICKWORK
CASSAFORMA PER CALCESTRUZZO / LATERIZIO

Code <i>Codice</i>	Housing box (mm) <i>Controcassa (mm)</i>	Hole (mm) <i>Foro (mm)</i>	Article <i>Articolo</i>
023.450	105 x 105 x 65	135 x 135 x 75	4247A 4248A 4249A 4250A 4251A 4252A
023.4018	185 x 120 x 45	215 x 150 x 55	4247R 4248R 4249R 4250R 4247Z 4254A 4254B 4254C 4253A
023.4019	185 x 200 x 45	215 x 230 x 55	4247S 4248S 4249S 4253B

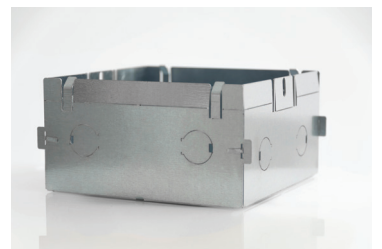
Lens kit
Kit lente



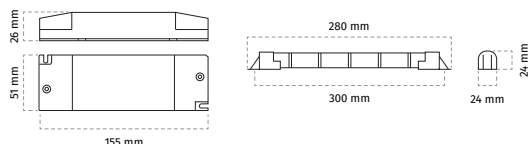
Honeycomb Anti-Glare Diffuser
Frangiluce a nido d'ape



Housing box
Controcassa



EMERGENCY KIT (099.142) KIT EMERGENZA (099.142)



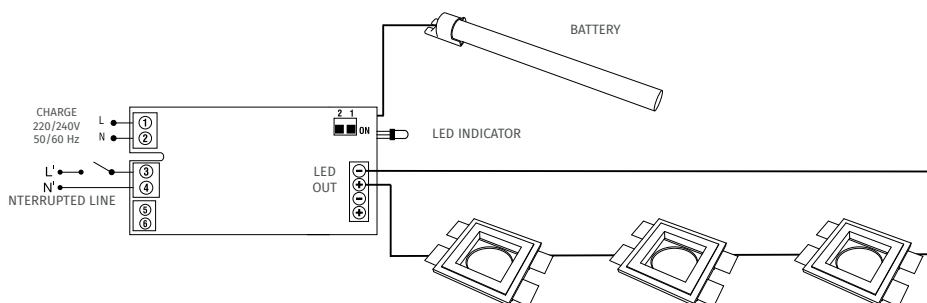
MAIN FEATURES

- Use as emergency kit only
- Emergency and continuous light in combination with the standard or dimmable power supply
- Hour operational autonomy after 12-hour charging
- Adjustable multi power version with dip-switch
- Instant response at any power failure
- "High temperature" NiCd sealed batteries
- Protection device against extensive discharge
- IP20 protection index
- Compliance with standards EN61347-2-13, EN61347-2-7, EN61547, EN55015, EN60598-2-22, EN61000-3-2, SELV
- Connection in remote box with the standard or dimmable power supply, if present

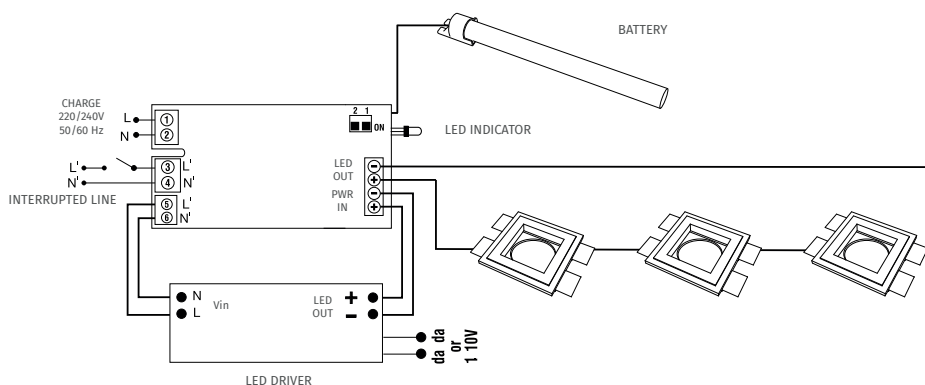
CARATTERISTICHE PRICIPALI

- Funzionamento in sola emergenza
- Funzionamento in emergenza e luce continua in abbinamento con l'alimentatore standard o dimmerabile
- Assicura 1h di autonomia con ricarica di 12 ore
- Versione multipotenza regolabile con dip-switch
- Intervento istantaneo ad ogni mancanza di rete
- Batterie al NiCd in grado di funzionare ad alta temperatura ermetica
- Dispositivo di protezione contro le scariche prolungate
- Tipo di protezione IP20
- Conformità alle norme EN61347-2-13, EN61347-2-7, EN61547, EN55015, EN60598-2-22, EN61000-3-2, SELV
- Collegamento in scatola remota con l'eventuale alimentatore standard o dimmerabile

ONLY EMERGENCY CONNECTION COLLEGAMENTO SOLO EMERGENZA



EMERGENCY CONNECTION + STANDARD LIGHTING COLLEGAMENTO EMERGENZA + ILLUMINAZIONE ORDINARIA



NR. CONNECTABLE ITEMS FOR EMERGENCY KIT
NR. ARTICOLI COLLEGABILI PER KIT DI EMERGENZA

Article Articolo	Current Corrente	Luminous flux for Nr. of connected items Flusso luminoso per Nr. Articoli collegati						
		1	2	4	10	15	MAX 18	
4247A 4248A 4249A 4250A 4251A 4252A	24V	100%	100%	50%	20%	13%	10%	
4247R 4248R 4249R 4250R 5512R 5513R 5514R 5515R	5516R 4247Z 4254A 4254B 4254C 4253A 4253C 8903F	900mA 700mA 500mA 350mA	30% 40% 60% 80%	20% 25% 30% 45%	10% 10% 15% 25%	/ / / /	/ / / /	/ / / /
4247S 4248S 4249S 4253B	700mA 500mA 350mA	25% 30% 45%	10% 15% 25%	/ / /	/ / /	/ / /	/ / /	
4247G 4248G 4253D	1400mA 900mA 700mA 500mA	/ / / /	/ / / /	20% 30% 40% 60%	10% 13% 17% 25%	5% 9% 11% 16%	4% 6% 8% 12%	

SYMBOLS

IP20

IP20
IP44

Protection degree
Grado di protezione



Appliance complying with E.E.C. regulation
Apparecchio conforme alle direttive della Comunità Europea



Insulation class (Class III)
Classe di isolamento (Classe III)

C.C.
[m.A.]

Article with constant current power supply required
Articolo che necessita di alimentatore in corrente costante

C.V.
[V]

Article with constant tension power supply required
Articolo che necessita alimentatore in tensione costante



Power supply in remote box
Alimentatore in scatola remota



Adjustable spotlight in all directions 90°
Faretto orientabile in tutte le direzioni di 90°

GENERAL INFORMATIONS

Products with LED included: a wide range of power supplies are available, according to the indications in the catalogue page.

The warranty of 9010novantadiecì LED products is not applicable in case of connection with Power Supplies that are not delivered by 9010novantadiecì and/or in case of failure/non conformity with the mounting/connection instructions. More information on warranty conditions can be found on our website www.9010.it.

The luminous flux values in this catalogue refer to the nominal value of the light source, the effective values are available on our technical documents.

Our update catalogues and technical documents are available on demand or downloadable at www.9010.it.

Photometric Data are available on demand or downloadable at www.9010.it.

Energy Labels are available on demand or downloadable at www.9010.it.

All our products comply with CE Directives. Technical evaluations on safety certifications are available on demand.

Always contact qualified personnel for the wire connection. The items of the MINILED and MICROLED family are provided with a protection foam in order to not damage the lens during the paint. Remove the protection foam from the light hole only just before switching on the article. (Not needed for art. 4247A, 4248A, 4249A, 4250A, 4251A, 4252A). An accurate test of the electrical connection of the power supply with the LED device, has to be carried out before the final plaster and finish of the recessed light.

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Technical data given in this catalogue are current at the time of the printing.

Please consult the technical specifications and assembly instruction on our website for updates on technical data.

Products included in this catalogue are REGISTERED MODELS.

Info generali

Fornitura dell'alimentatore: nei prodotti 9010 con LED incluso sono disponibili alimentatori di varia potenza secondo le indicazioni riportate nella pagina di ogni articolo.

La garanzia dei prodotti 9010 con LED decade con utilizzo di alimentatori non forniti da 9010 e/o in caso di inosservanza delle istruzioni di collegamento. Maggiori informazioni sulle condizioni di garanzia sono disponibili al sito www.9010.it.

I valori di flusso luminoso riportati in questo catalogo fanno riferimento al valore nominale della sorgente luminosa, i valori effettivi sono disponibili nella documentazione tecnica.

I cataloghi e la documentazione tecnica completa e aggiornata sono disponibili su richiesta o scaricabili dal sito www.9010.it.

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