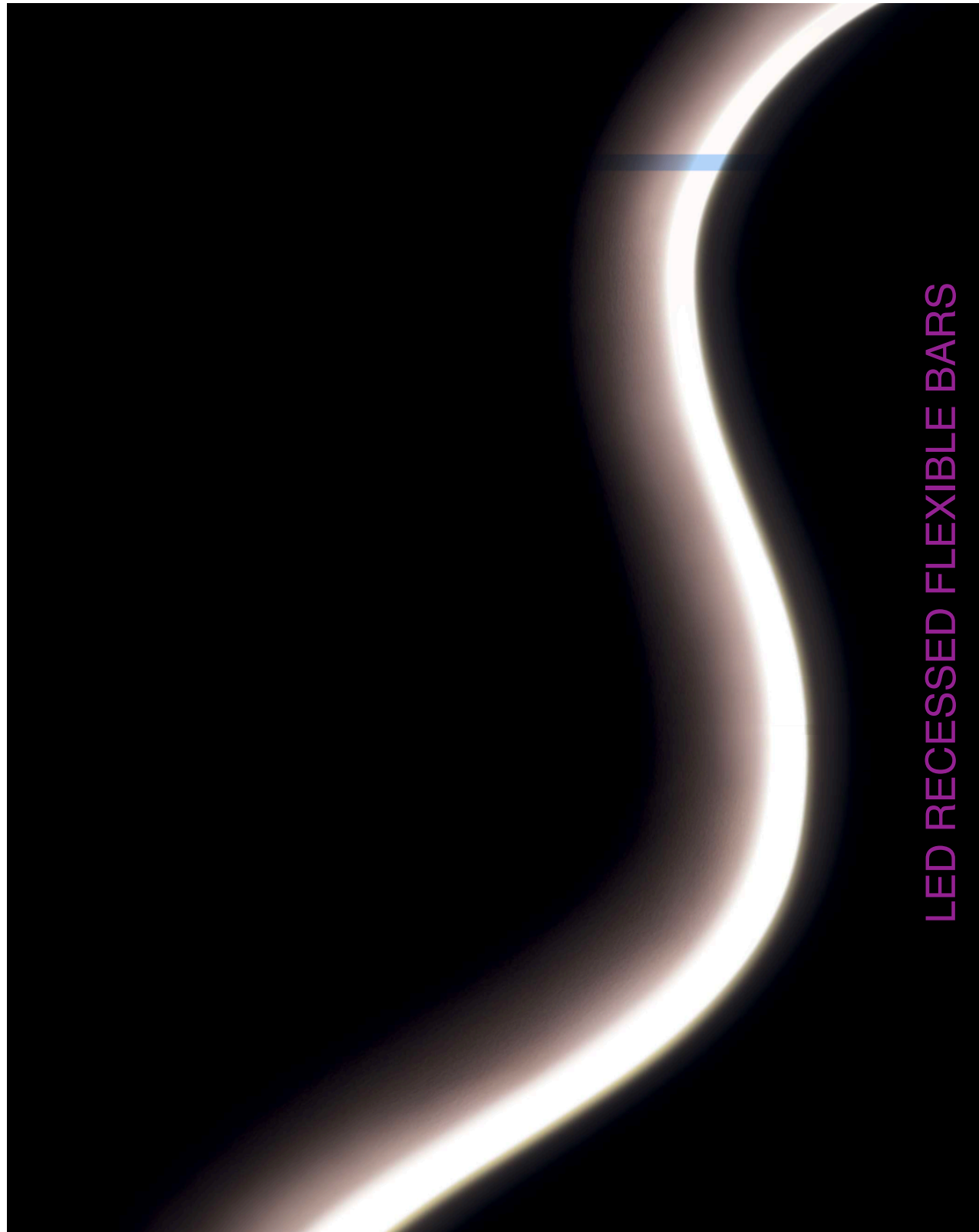




FLEXLED

Barre led Flessibili IP67
Led flexible bars IP67



FLEX LED è un prodotto innovativo adatto per illuminare e decorare, in particolare in esterno dato il suo grado di protezione IP67. E' una barra altamente flessibile in materiale poliuretanico che irradia attraverso una superficie resinata. La sorgente luminosa è costituita da una strip LED, studiata appositamente per questo tipo di prodotto, è sigillata all'interno della barra flessibile. Ondaled, apparentemente semplice ed essenziale, è frutto di un'attenta progettazione mirata ad ottenere un'illuminazione perfettamente uniforme sia nel colore che nell'irradiazione della luce. La sua applicazione è ad incasso ed è fissabile mediante dei segmenti in alluminio.

FLEX LED is an innovative product suitable to both light up and decorate, especially outdoor considering its IP67 rate. It's an highly flexible polyurethane bar which irradiates through a resinated surface. The light source is made up by a strip LED especially studied for this type of product, which is sealed inside the flexible bar. Ondaled, apparently simple and basic, is the result of a careful design, aimed at obtaining a perfectly uniform illumination, both in color and in light irradiation. Its built-in installation can be carried out using aluminum supports.

Modelli disponibili :

- FLEX LED TOP
- FLEX LED SIDE

Available products:

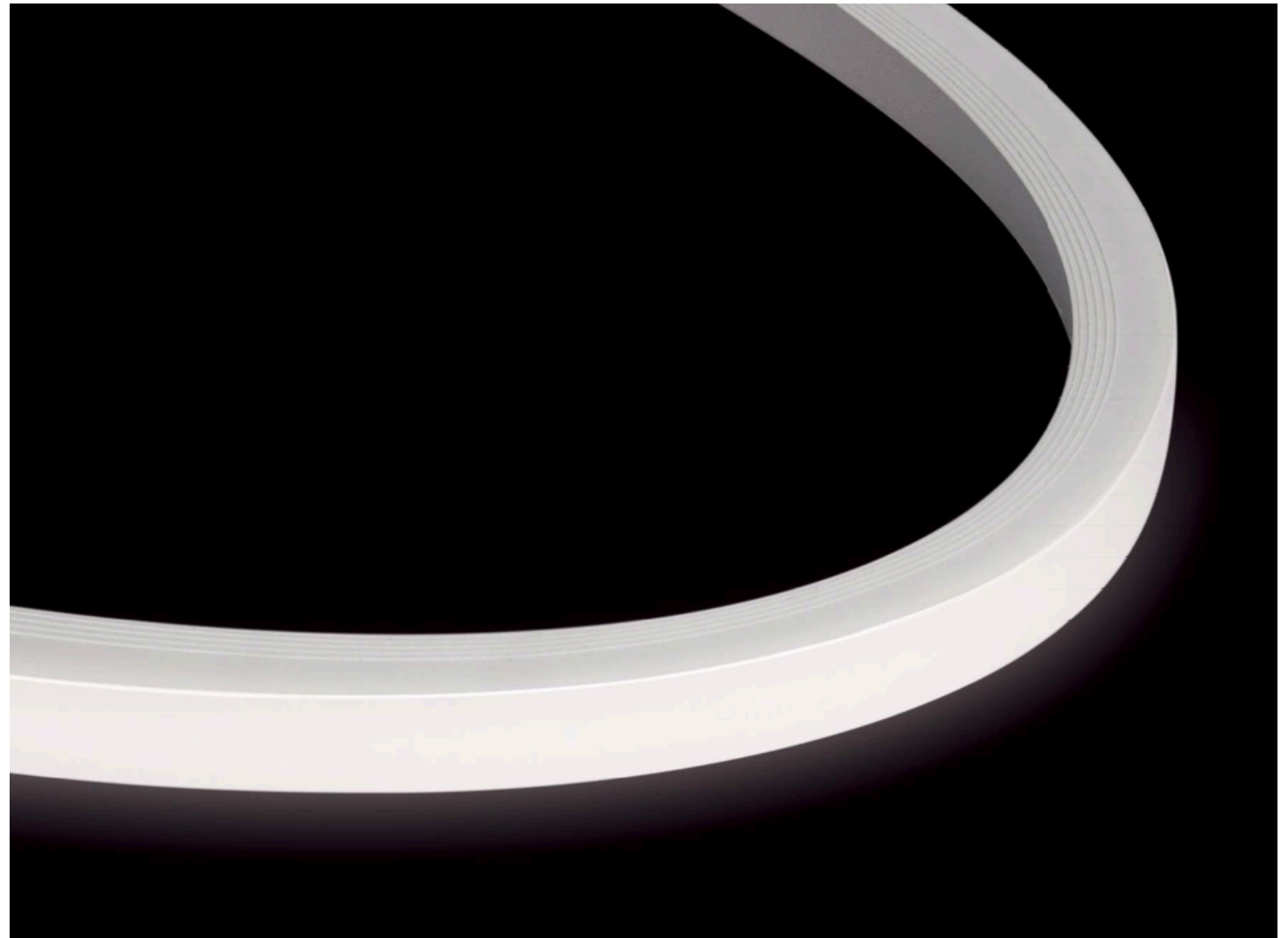
- FLEX LED TOP
- FLEX LED SIDE

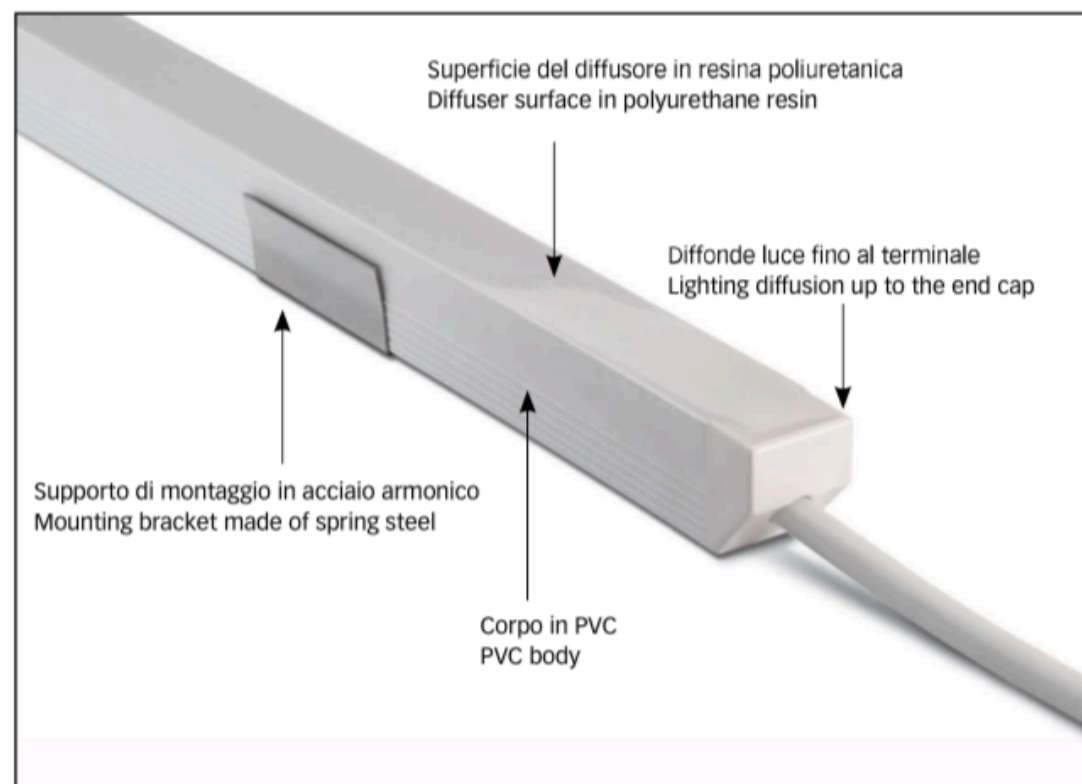
BARRE LED FLESSIBILI DA INCASSO / LED RECESSED FLEXIBLE BARS



Elevata flessibilità
Massimo grado di protezione (IP67/IP68)
Elevata qualità della sorgente LED
Dimmerabile
Ottimo indice di resa cromatica, CRI $\geq$ 90
Illuminazione omogenea
L'intensità non cala nei punti di giunzione
Realizzabile in unico pezzo fino a 603 cm di lunghezza
Finitura in resina della superficie a vista
Esteticamente elegante anche con luce spenta
Facile montaggio

High flexibility
Maximum protection rating (IP67/IP68)
High-quality LED source
Dimmable
Excellent color rendering index, CRI $\geq$ 90
Uniform illumination
Intensity does not decrease at junction points
Can be made in one piece, up to 603 cm in length
Resin finish of exposed surface
Aesthetically elegant even with light off
Easy installation





12V - 10W/m - IP67	○ ●	
24V - 10W/m - IP67	○ ●	
12V - 10W/m - IP68	○ ●	(Su richiesta / On request)
24V - 10W/m - IP68	○ ●	(Su richiesta / On request)

12V - 11W/m - IP67	○ ● ●	
24V - 11W/m - IP67	○ ● ●	
12V - 11W/m - IP68	○ ● ●	(Su richiesta / On request)
24V - 11W/m - IP68	○ ● ●	(Su richiesta / On request)

Barra flessibile da incasso / Recessed flexible light bar

Fissaggio con accessori in dotazione / installation with supplied accessories

Dimmerabile / Dimmable

Diffusione della luce senza punti / Light diffusion without dots

Lunghezze su richiesta (max 603 cm)

Length on request (max 603 cm)

@ 12V: $L = (2,5 \text{ cm} \times n) + 3 \text{ cm}$

@ 24V: $L = (5 \text{ cm} \times n) + 3 \text{ cm}$

Installazione / Installation

Soffitto / Ceiling

Parete / Wall

Pavimento / Floor

Materiale / Material

Corpo in PVC

Superficie del diffusore

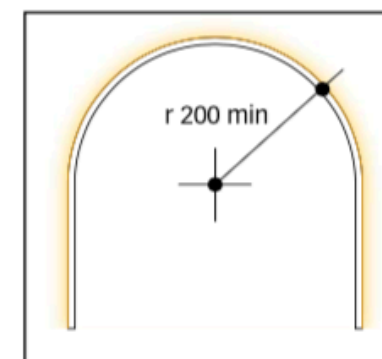
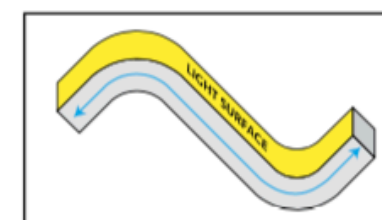
in resina poliuretanica

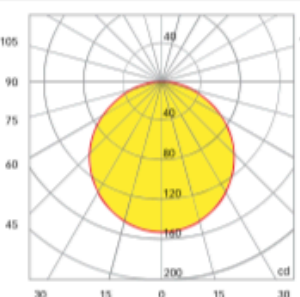
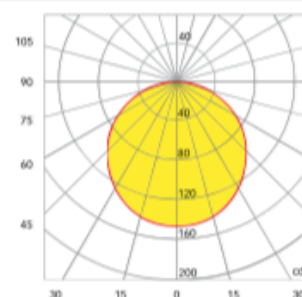
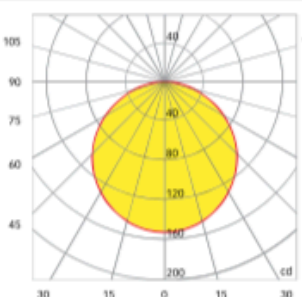
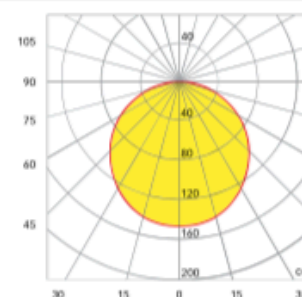
PVC body

Diffuser surface in polyurethane resin

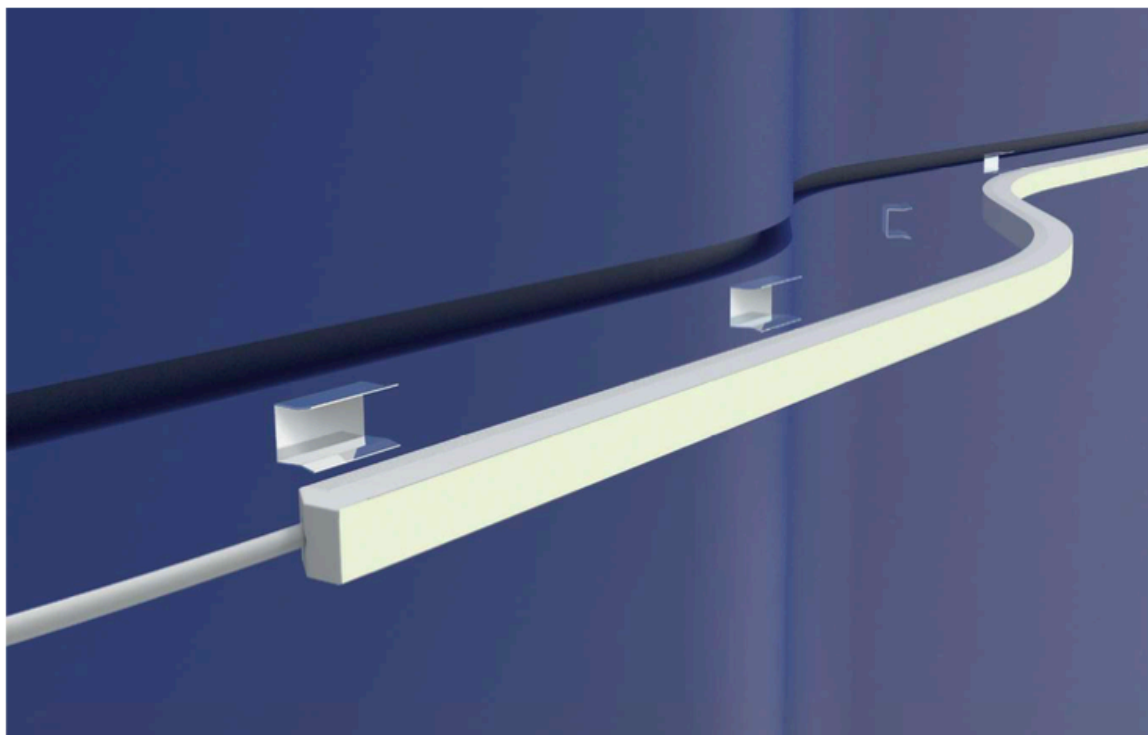
Finiture / Finishes

Opalino / Opaque

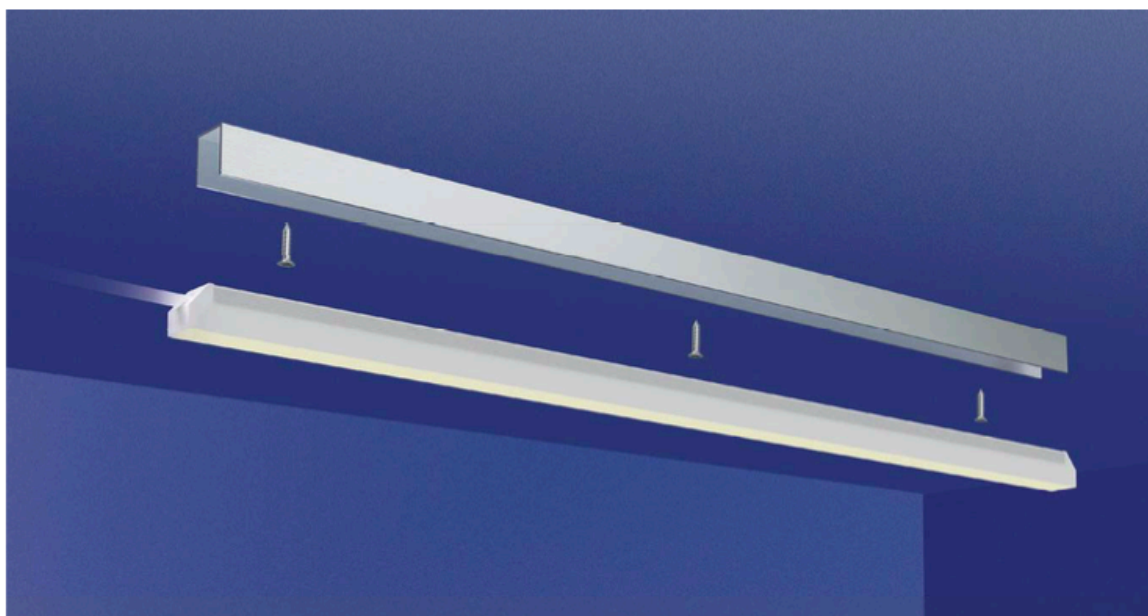


Modelli / Models	TOP* - 12V						TOP* - 24V					
Sorgente luminosa / Light source	LED						LED					
Alimentazione / Power supply	10-15 Vdc						20 - 30 Vdc					
Potenza / Power consumption	10 W/m						10 W/m					
Assorbimento / Absorption	0,84 A @ 12 V						0,42 A @ 24 V					
Protezione LED / LED protection	Picchi di voltaggio ± 500 V / Spike protected ± 500 V Contro l'inversione di polarità / Against inversion of polarity						Picchi di voltaggio ± 500 V / Spike protected ± 500 V Contro l'inversione di polarità / Against inversion of polarity					
Polarità / Polarity sensitive	Sì / Yes						Sì / Yes					
Temperatura colore / Color temperature	Bianco Naturale / Daylight			Bianco Caldo / Warm White			Bianco Naturale / Daylight			Bianco Caldo / Warm White		
	3800-4100 K			2900-3100 K (2600-2800 K*)			3800-4100 K			2900-3100 K (2600-2800 K*)		
CRI (color rendering index)	≥ 90			≥ 90			≥ 90			≥ 90		
Flusso luminoso / Luminous flux	450 lm/m			440 lm/m			450 lm/m			440 lm/m		
Distanza / Distance	1 m	2 m	3 m	1 m	2 m	3 m	1 m	2 m	3 m	1 m	2 m	3 m
Diametro / Diameter	3,03 m	6,07 m	9,1 m	3,16 m	6,32 m	9,48 m	3,03 m	6,07 m	9,1 m	3,16 m	6,32 m	9,48 m
Illuminamento / Illuminance	151,7 lux	37,9 lux	16,9 lux	146,7 lux	36,7 lux	16,3 lux	151,7 lux	37,9 lux	16,9 lux	146,7 lux	36,7 lux	16,3 lux
Angolo / Beam	120°			120°			120°			120°		
												

*Misurazioni per 1 metro di prodotto / Measurements for 1 meter of product



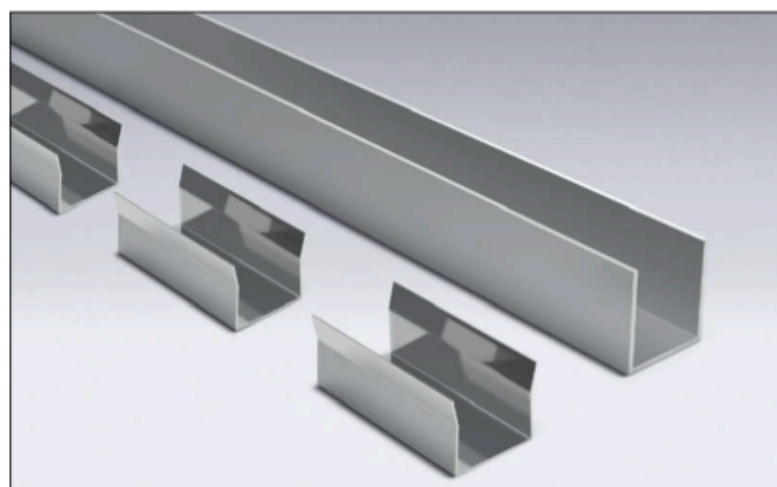
The supports lock Ondaled inside the recess and allow a free application (in a straight line or curved).
The supports are supplied in accordance with the required quantity (no additional fastening accessories are required).



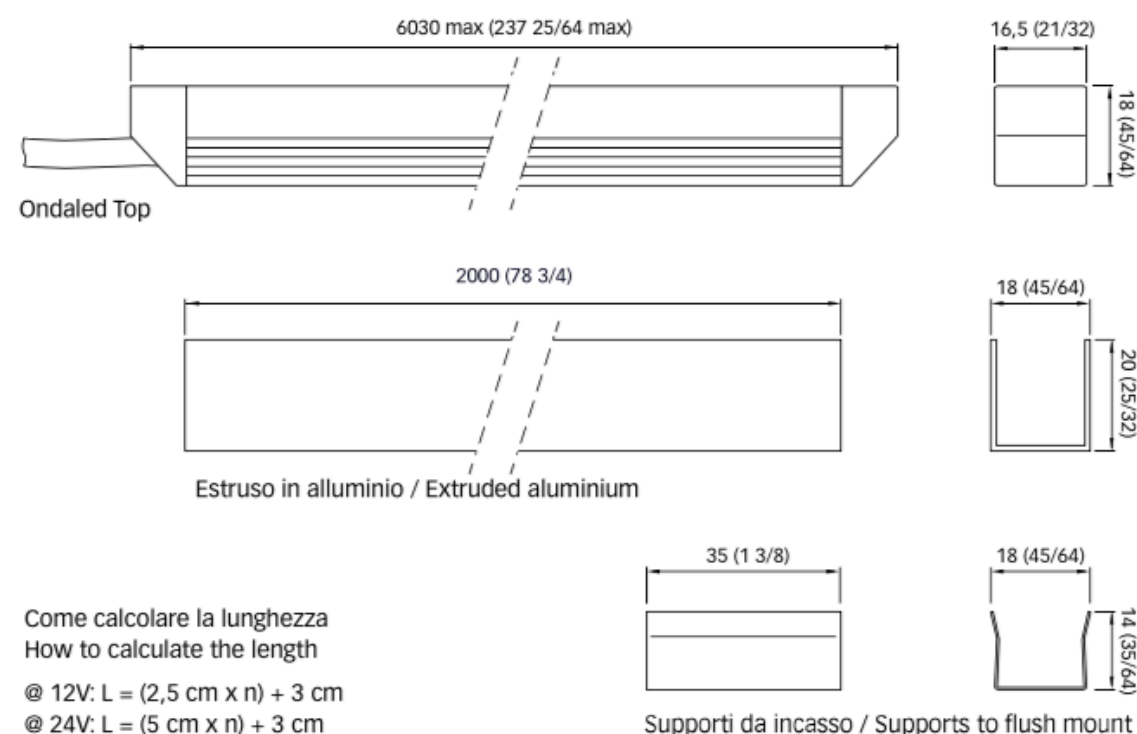
The extrusion allows installation only in a straight line.
Installation can be on masonry, wood or plasterboard, using appropriate fasteners.
The extrusions are supplied in a standard length of 2 meters each.
Fastening accessories are not included in the supply.

Accessori Optional / Optional accessories

- Estruso in alluminio per il montaggio
- Supporti per il montaggio
- Extruded aluminium for mounting
- Supports to flush mount



Accessori Optional / Optional accessories



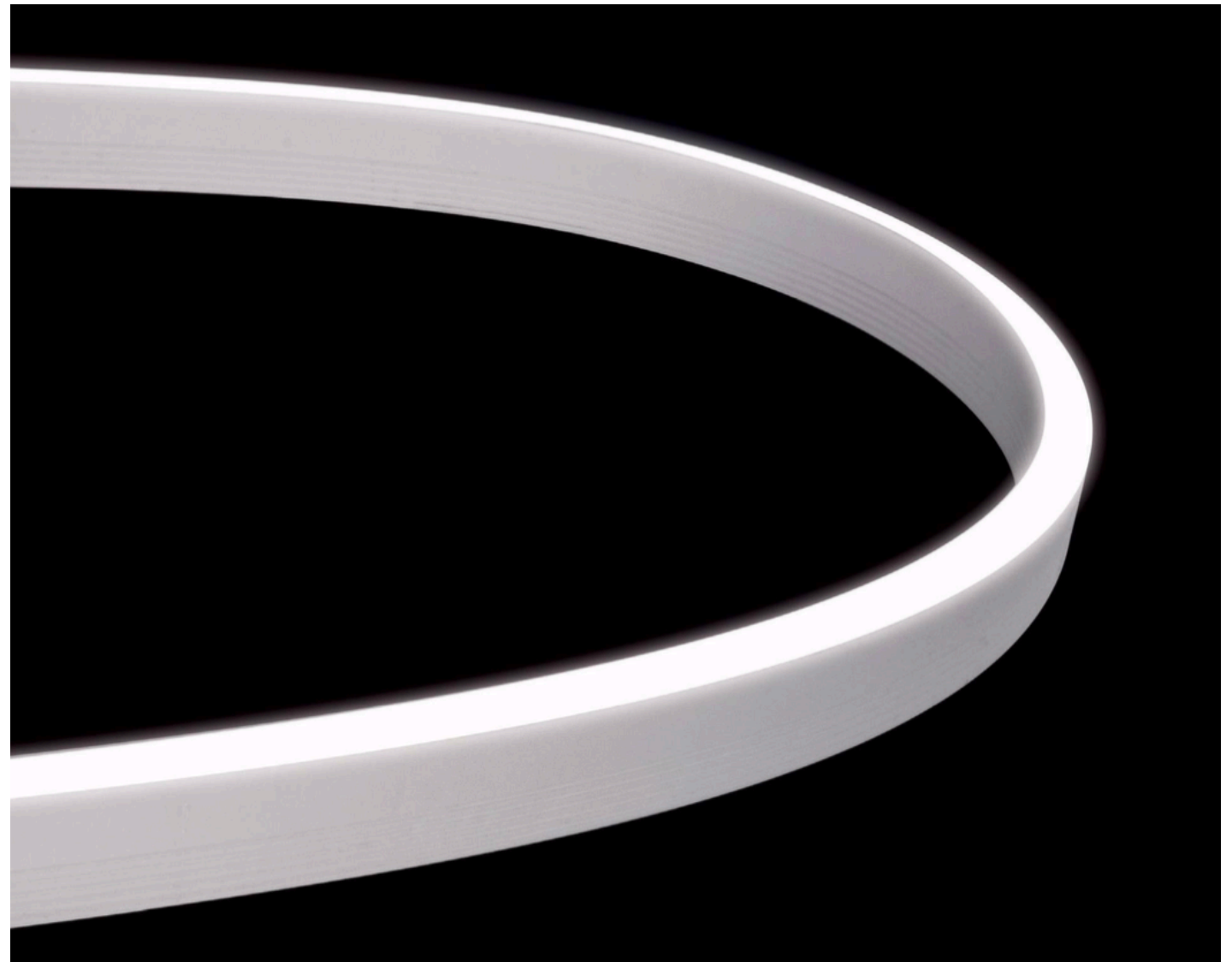
Dimensioni / Dimensions - mm (inch)

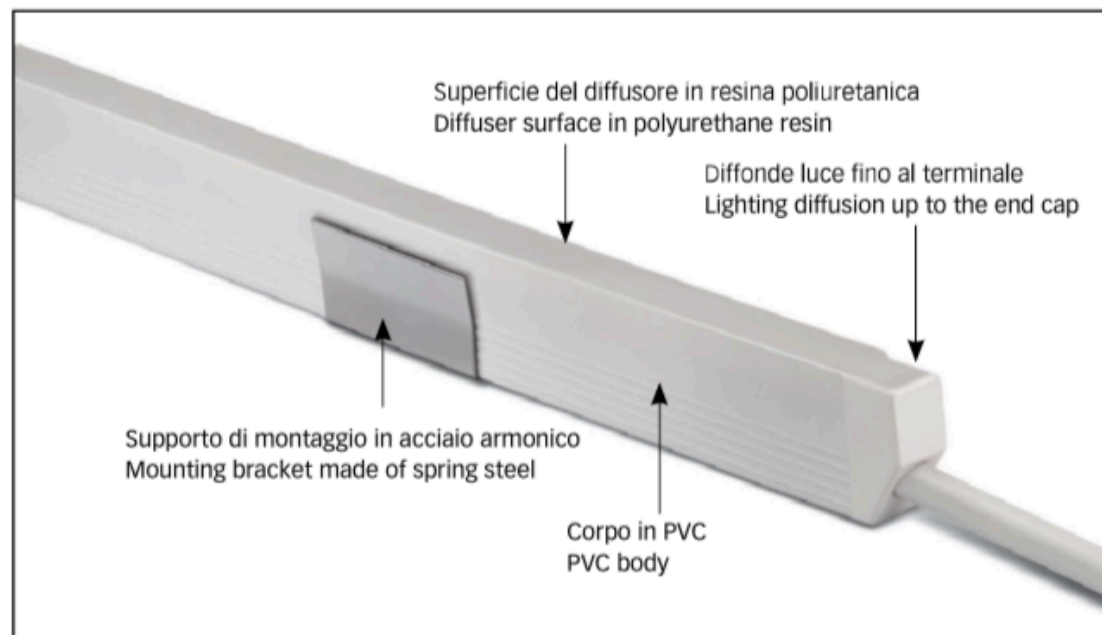
BARRE LED FLESSIBILI DA INCASSO / LED RECESSED FLEXIBLE BARS



Elevata flessibilità
Massimo grado di protezione (IP67/IP68)
Elevata qualità della sorgente LED
Dimmerabile
Ottimo indice di resa cromatica, CRI $\geq$ 90
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24V - 8W/m - IP68	○ ○	(Su richiesta / On request)

12V - 11W/m - IP67	○ ○ ○
24V - 11W/m - IP67	○ ○ ○

12V - 11W/m - IP68	○ ○ ○	(Su richiesta / On request)
24V - 11W/m - IP68	○ ○ ○	(Su richiesta / On request)

Barra flessibile da incasso / Recessed flexible light bar

Fissaggio con accessori in dotazione / Installation with supplied accessories

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Length on request (max 603 cm)

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Installazione / Installation

Soffitto / Ceiling

Parete / Wall

Pavimento / Floor

Materiale / Material

Corpo in PVC

Superficie del diffusore

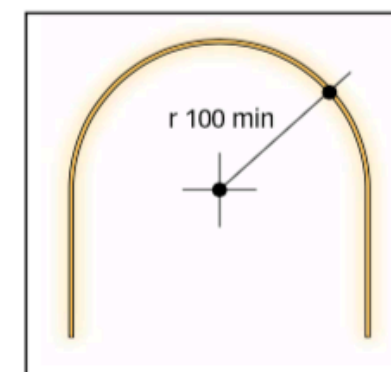
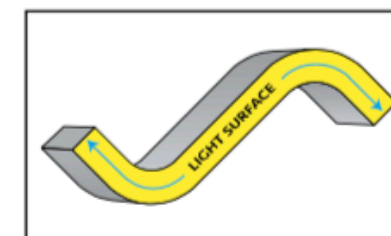
in resina poliuretanica

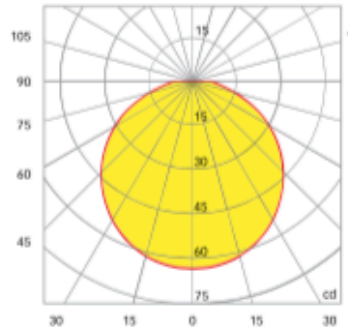
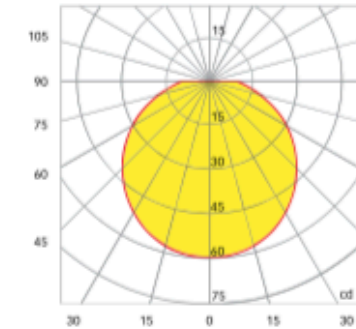
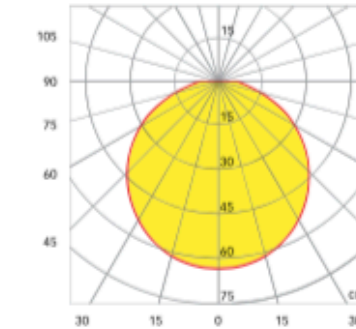
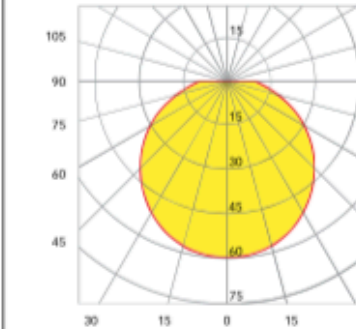
PVC body

Diffuser surface in polyurethane resin

Finiture / Finishes

Opalino / Opaque

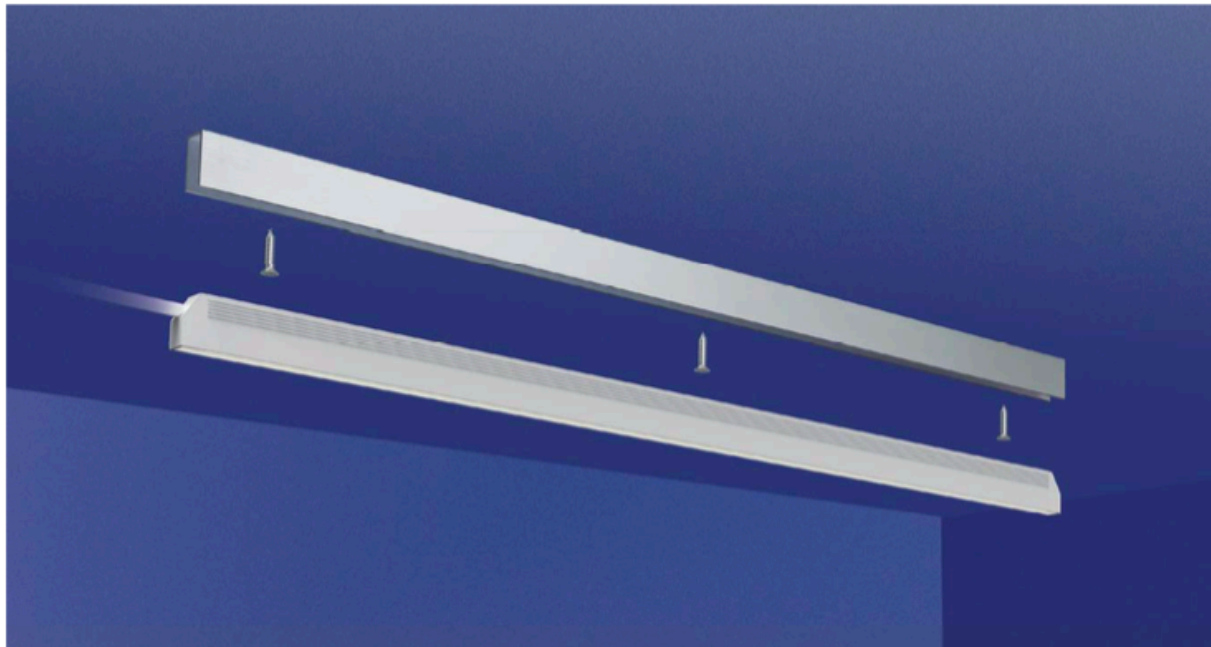


Modelli / Models	12V						24V					
Sorgente luminosa / Light source	LED						LED					
Alimentazione / Power supply	10-15 Vdc						20 - 30 Vdc					
Potenza / Power consumption	8 W/m						8 W/m					
Assorbimento / Absorption	0,66 A @ 12 V						0,33 A @ 24 V					
Protezione LED / LED protection	Picchi di voltaggio ± 500 V / Spike protected ± 500 V Contro l'inversione di polarità / Against inversion of polarity						Picchi di voltaggio ± 500 V / Spike protected ± 500 V Contro l'inversione di polarità / Against inversion of polarity					
Polarità / Polarity sensitive	Sì / Yes						Sì / Yes					
Temperatura colore / Color temperature	Bianco Naturale / Daylight			Bianco Caldo / Warm White			Bianco Naturale / Daylight			Bianco Caldo / Warm White		
	3800-4100 K			2900-3100 K (2600-2800 K*)			3800-4100 K			2900-3100 K (2600-2800 K*)		
CRI (color rendering index)	≥ 90			≥ 90			≥ 90			≥ 90		
Flusso luminoso / Luminous flux	210 lm/m			200 lm/m			210 lm/m			200 lm/m		
Distanza / Distance	1 m	2 m	3 m	1 m	2 m	3 m	1 m	2 m	3 m	1 m	2 m	3 m
Diametro / Diameter	3,21 m	6,43 m	9,64 m	3,52 m	7,04 m	10,56 m	3,21 m	6,43 m	9,64 m	3,52 m	7,04 m	10,56 m
Illuminamento / Illuminance	63,6 lux	15,9 lux	7,1 lux	59,8 lux	15 lux	6,6 lux	63,6 lux	15,9 lux	7,1 lux	59,8 lux	15 lux	6,6 lux
Angolo / Beam	120°			120°			120°			120°		
												

*Misurazioni per 1 metro di prodotto / Measurements for 1 meter of product



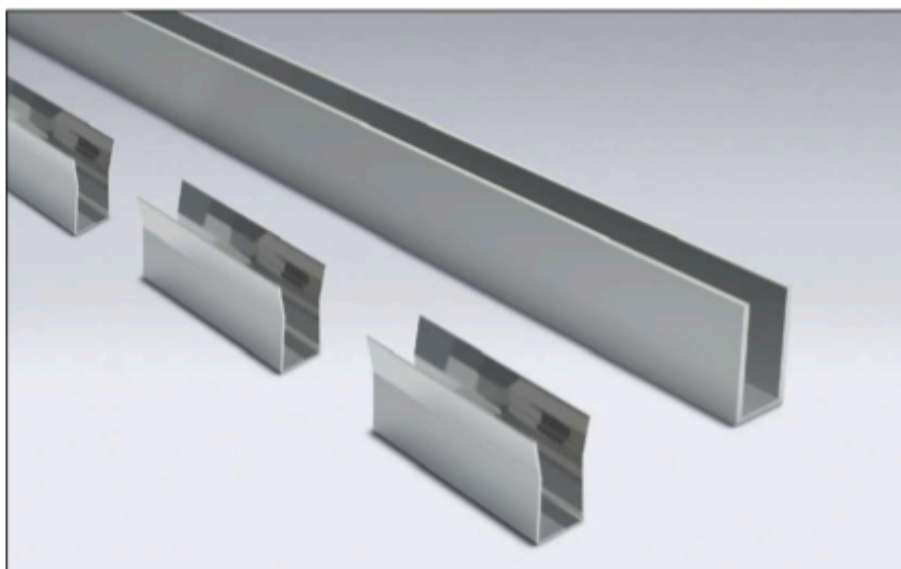
The supports lock the strip inside the recess and allow a free application (in a straight line or curved).
The supports are supplied in accordance with the required quantity (no additional fastening accessories are required).



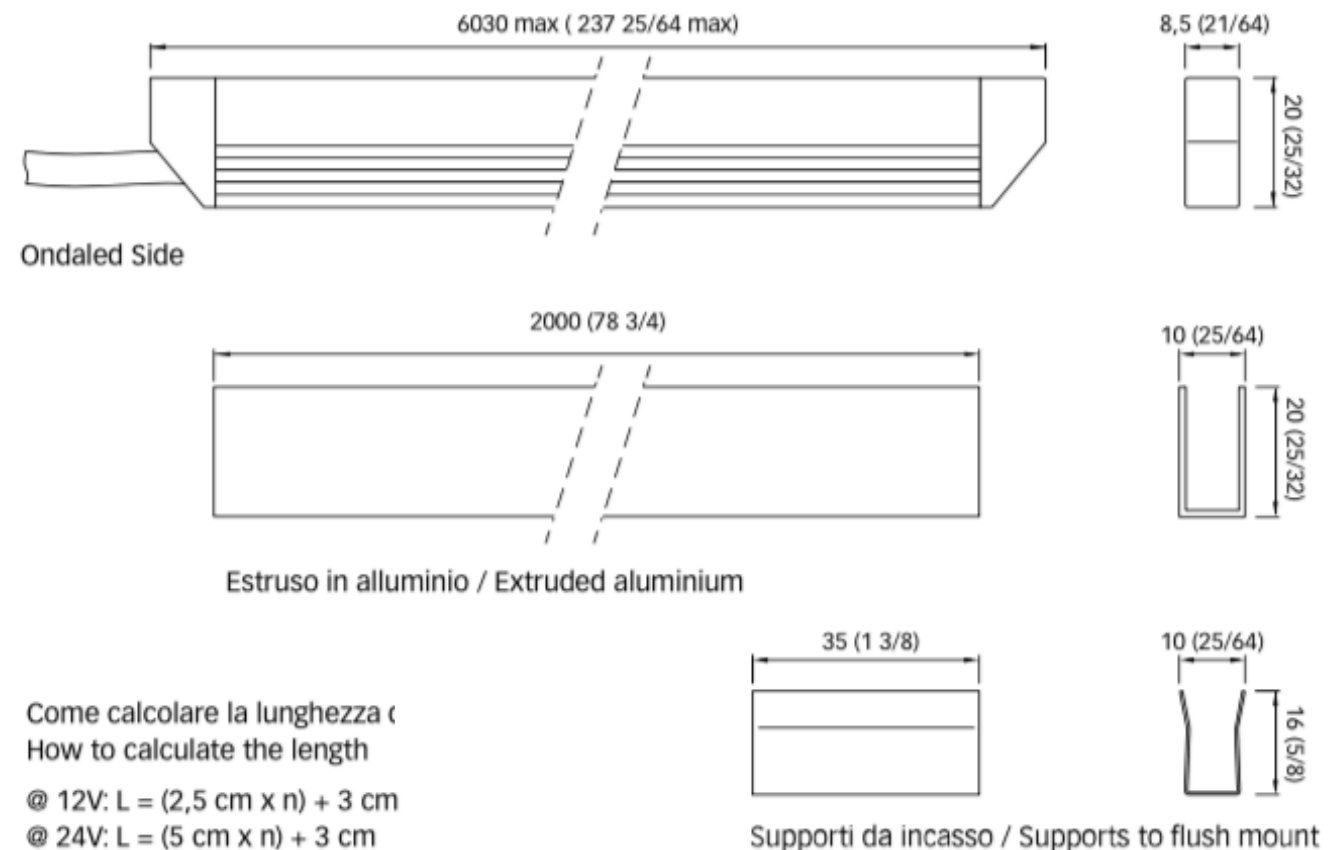
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Accessori Optional / Optional accessories



Dimensioni / Dimensions - mm (inch)