

M I C R O

Design by Walter Gadda



Sistema lineare professionale per illuminazione a luce diretta o indiretta per interni

- **Applicazione:** mensole, vetrine, teche, gradini, gole, pareti
- **Ambientazione:** musei, gioiellerie, ristoranti, hotel
- **Installazione:** a incasso - su superficie
- **Materiale:** alluminio anodizzato - policarbonato
- **Finiture:** anodizzato grigio alluminio - nero
- **Sorgente:** LED alta potenza - LED bassa potenza - elettroluminescenza
- **Ottiche:** diffondente schermo trasparente
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** lunghezza fino a 3 metri - versione speciale IP65
- **Alimentazione:** LED tensione costante 24Vdc
elettroluminescenza 0-100Vac

Professional linear lighting system for direct and indirect lighting for indoor applications

- **Applications:** shelves, windows, showcases, steps, niches, walls
- **Setting:** museums, jewelries, restaurants, hotels
- **Installation:** recessed - surface mounted
- **Material:** natural anodized aluminium - polycarbonate
- **Finishes:** grey anodized aluminium - black
- **Light source:** high power LED - low power LED
electroluminescence
- **Optics:** transparent diffuser
- **Functions:** on-off, dimmable
- **Features:** lengths up to 3 meters - IP65 special version
- **Power supply:** LED constant voltage 24Vdc
electroluminescence 0-100Vac

Colori LED / LED Colours



Bianco 3000K
White 3000K



Bianco 4000K
White 4000K



Bianco 5500K
White 5500K



RGB

Eletr. / Electr.



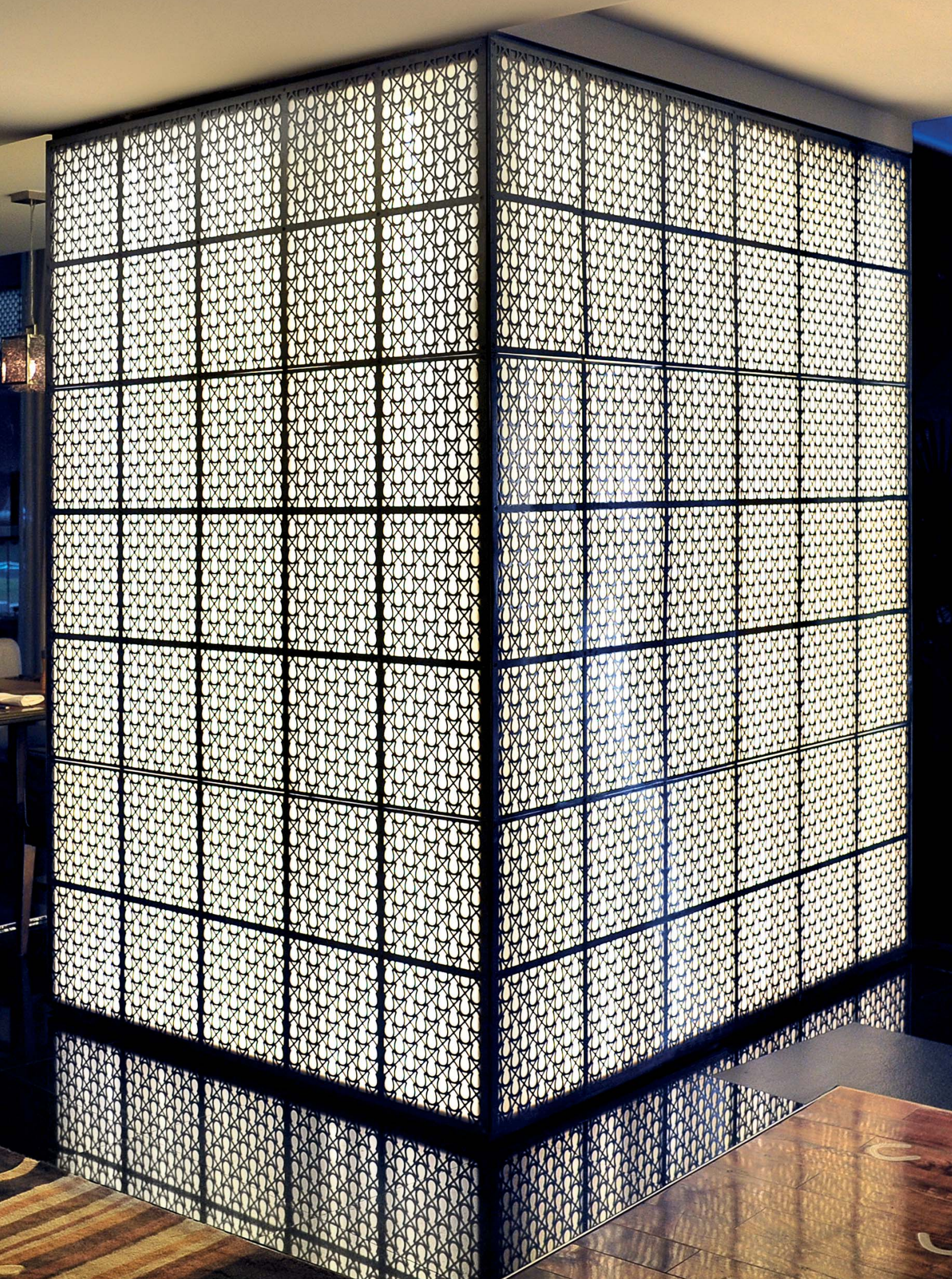
Bianco / White



Blu / Blue

Caratteristiche / Characteristics





Meydan Hotel - Dubai, Emirati Arabi Uniti - Micro 1W 3000K schermo satinato - CD+M Lighting Design
Meydan Hotel - Dubai, United Arab Emirates - Micro 1W 3000K satin screen - CD+M Lighting Design

MICRO POWER LED 1W 24Vdc MONOCROMATICO / MONOCHROMATIC

Schermo trasparente / transparent screen



	3000K	4000K	5500K
52cm 6W passo 10 / pitch 10	MIC.088.23	MIC.089.23	MIC.090.23
102cm 12W passo 10 / pitch 10	MIC.091.23	MIC.092.23	MIC.093.23
152cm 17W passo 10 / pitch 10	MIC.130.23	MIC.095.23	MIC.096.23
202cm 23W passo 10 / pitch 10	MIC.097.23	MIC.098.23	MIC.099.23
252cm 29W passo 10 / pitch 10	MIC.100.23	MIC.101.23	MIC.102.23
302cm 34W passo 10 / pitch 10	MIC.131.23	MIC.104.23	MIC.105.23
52cm 12W passo 5 / pitch 5	MIC.106.23	MIC.107.23	MIC.108.23
102cm 24W passo 5 / pitch 5	MIC.109.23	MIC.110.23	MIC.111.23
152cm 35W passo 5 / pitch 5	MIC.112.23	MIC.113.23	MIC.114.23
202cm 47W passo 5 / pitch 5	MIC.115.23	MIC.116.23	MIC.117.23
252cm 59W passo 5 / pitch 5	MIC.118.23	MIC.119.23	MIC.120.23
302cm 71W passo 5 / pitch 5	MIC.121.23	MIC.122.23	MIC.123.23

MICRO SIGNAL LED 24Vdc MONOCROMATICO / MONOCHROMATIC

Schermo trasparente / transparent screen



	3000K	5500K
52cm 3W passo 2 / pitch 2	MIC.163.23	MIC.025.23
102cm 6W passo 2 / pitch 2	MIC.147.23	MIC.038.23
152cm 8W passo 2 / pitch 2	MIC.164.23	MIC.027.23
202cm 11W passo 2 / pitch 2	MIC.165.23	MIC.028.23
252cm 13W passo 2 / pitch 2	MIC.166.23	MIC.041.23
302cm 16W passo 2 / pitch 2	MIC.167.23	MIC.042.23



Testata di chiusura
End caps



Fissaggio con molla
Fixing by spring



Schermo opale
Opal screen

Riferimenti pagina / Page references:

Elettronica di controllo / Electronic control gear

Pag. 600, 601, 602, 603

Alimentatori / Power supply units

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Schemi di collegamento / Connection diagrams

Pag. 606: G, I, I bis, Q

Diagrammi conici / Conical diagrams

Pag. 618

Accessori / Accessories

Pag. 576

Importante / Remarks:

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo

Constant voltage supply 24Vdc dimmable, parallel connection

A richiesta anche con LED nei colori Rosso, Blu, Verde / On request, LEDS are available also in Red, Blue, Green colours



Showroom LuisaViaRoma - Firenze, Italia - Arch. Claudio Nardi - Foto Brogi
Retail showroom LuisaViaRoma - Florence, Italy - Arch. Claudio Nardi - Photo Brogi

MICRO SIGNAL LED 24Vdc RGB

RGB - schermo trasparente / *transparent screen*

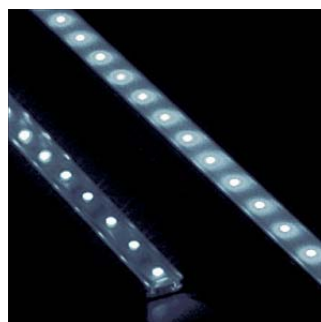
	RGB
52cm 8W passo 2 / <i>pitch 2</i>	MIC.031.23
102cm 16W passo 2 / <i>pitch 2</i>	MIC.032.23
152cm 23W passo 2 / <i>pitch 2</i>	MIC.033.23
202cm 30W passo 2 / <i>pitch 2</i>	MIC.034.23
252cm 37W passo 2 / <i>pitch 2</i>	MIC.035.23
302cm 45W passo 2 / <i>pitch 2</i>	MIC.036.23

RGB MOVE - schermo trasparente / *transparent screen*

	RGB MOVE
52cm 6W passo 2,5 / <i>pitch 2,5</i>	MIC.157.23
102cm 12W passo 2,5 / <i>pitch 2,5</i>	MIC.158.23
152cm 18W passo 2,5 / <i>pitch 2,5</i>	MIC.159.23
202cm 24W passo 2,5 / <i>pitch 2,5</i>	MIC.160.23
252cm 30W passo 2,5 / <i>pitch 2,5</i>	MIC.161.23
302cm 36W passo 2,5 / <i>pitch 2,5</i>	MIC.162.23



Sottogradino
Under step



Schermo trasparente e satinato
Transparent and satin screen

Riferimenti pagina / *Page references:*

Electronica di controllo / *Electronic control gear*
Alimentatori / *Power supply units*
Schemi di collegamento / *Connection diagrams*
Diagrammi conici / *Conical diagrams*
Accessori / *Accessories*

RGB

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RGB MOVE

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Importante / *Remarks:*

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo
Constant voltage supply 24Vdc dimmable, parallel connection



Meydan Hotel - Dubai, Emirati Arabi Uniti - Micro 1W 3000K schermo satinato - CD+M Lighting Design
Meydan Hotel - Dubai, United Arab Emirates - Micro 1W 3000K satin screen - CD+M Lighting Design

MICRO ELETTROLUMINESCENZA / ELECTROLUMINESCENCE

MICRO



	ALLUMINIO ALUMINIUM	NERO BLACK
52cm elett. bianca / <i>electr. white</i>	MIC.001.23	MIC.001.02
102cm elett. bianca / <i>electr. white</i>	MIC.002.23	MIC.002.02
152cm elett. bianca / <i>electr. white</i>	MIC.003.23	MIC.003.02
202cm elett. bianca / <i>electr. white</i>	MIC.004.23	MIC.004.02
252cm elett. bianca / <i>electr. white</i>	MIC.005.23	MIC.005.02
302cm elett. bianca / <i>electr. white</i>	MIC.006.23	MIC.006.02
52cm elett. blu / <i>electr. blue</i>	MIC.007.23	MIC.007.02
102cm elett. blu / <i>electr. blue</i>	MIC.008.23	MIC.008.02
152cm elett. blu / <i>electr. blue</i>	MIC.009.23	MIC.009.02
202cm elett. blu / <i>electr. blue</i>	MIC.010.23	MIC.010.02
252cm elett. blu / <i>electr. blue</i>	MIC.011.23	MIC.011.02
302cm elett. blu / <i>electr. blue</i>	MIC.012.23	MIC.012.02

Riferimenti pagina / Page references:Alimentatori / *Power supply units*

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Schemi di collegamento / *Connection diagrams*

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Accessori / *Accessories*

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Importante / Remarks:Alimentazione con collegamento in parallelo / *Tension supply with parallel connection*Per la connessione elettrica ordinare il connettore codice MEL.0031.99 / *For the electroluminescence connection, connector code MEL.0031.99 is needed*
(per l'elettroluminescenza) E' sconsigliata l'esposizione diretta al sole / *Direct exposure to the sun is not recommended for electroluminescence*



Pavilhão do Arade - Parchal, Portugal - Micro RGB - Arch. Miguel Arruda - Foto Luís Pavão
Pavilhão do Arade - Parchal, Portugal - Micro RGB - Arch. Miguel Arruda - Photo Luís Pavão

SCHEMA TECNICA MICRO

Corpo	estruso in Lega di alluminio UNI 6060
Schermo	in policarbonato trasparente (satinato su richiesta) / gruppo ottico lineare 54° in policarbonato (accessorio)
Finitura corpo	alluminio anodizzato naturale o nero
Tappi terminali	acciaio inox
Fissaggio	tramite apposite molle in acciaio inox
Cavi di alimentazione	LED monocromatici incluso 100cm di cavo FROR in PVC antifiamma, 3 poli (2x0,5mm ² + 1x0,25mm ²) Ø esterno 4,7mm LED RGB incluso 100cm di cavo FROR in PVC antifiamma, 5 poli (2x0,5mm ² + 3x0,25mm ²) Ø esterno 6,3mm
Sorgenti installabili	serie di LED monocromatici Power 1W (passo 5cm / 10cm) serie di LED monocromatici Signal (passo 2cm) serie di Signal LED RGB (passo 2cm) strip elettroluminescente bianca o blu
Temperatura di colore	3000K, 4000K, 5500K
Alimentazione	tensione costante 24Vdc (±5%) - collegamento in parallelo elettroluminescenza - unità inverter per elettroluminescenza 0/100Vac
Potenza assorbita per metro	LED monocromatici Power 1W (passo 5cm) 24W / (passo 10cm) 12W LED monocromatici signal 6W LED RGB signal 15W - signal LED RGB MOVE 12W elettroluminescente 1,7W
Montaggio consigliato	a incasso, su superficie (parete, soffitto)
Resistenza al carico	calpestabile fino a 300kg
Peso struttura per metro	117g
Grado di protezione	IP40, IK03
Marchi	CE, F, Classe I (solo elettroluminescenza), Classe III
Normativa	prodotti in conformità alle vigenti norme EN60598-1 CEI 34-21

TECHNICAL INFORMATION MICRO

Body	aluminium extrusion alloy UNI 6060
Screen	polycarbonate transparent (satin on request) / linear polycarbonate optics group 54° (accessory)
Body finish	natural or black anodized aluminium
End caps	stainless steel
Installation	stainless steel springs
Power supply cables	monochromatic LED included a cable of 100cm FROR in PVC fire-proof, 3 poles (2x0,5mm ² + 1x0,25mm ²) external Ø 4,7mm LED RGB included a cable of 100cm FROR in PVC fire-proof, 5 poles (2x0,5mm ² + 3x0,25mm ²) external Ø 6,3mm
Available light sources	monochromatic LED series Power 1W (pitch 5cm / 10cm) signal monochromatic LED series (pitch 2cm) RGB signal LED series (pitch 2cm) white or blue electroluminescence strip
Colour temperature	3000K, 4000K, 5500K
Power supply	constant voltage 24Vdc (±5%) – parallel connection electroluminescence - inverter unit for electroluminescence 0/100Vac
Power consumption per meter	monochromatic LED Power 1W (pitch 5cm) 24W / (pitch 10cm) 12W monochromatic signal LED 6W RGB signal LED 15W - signal LED RGB MOVE 12W electroluminescence 1,7W
Recommended installation	recessed, surface mounted (wall, ceiling)
Load resistance	walk over up to 300kg
Structure weight per metre	117g
Protection degree	IP40, IK03
Markings	CE, F, Class I (only electroluminescence), Class III
Norms	products comply EN60598-1 CEI 34-21 norms

Importante / Remarks:

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C /The temperature of the metal near the LED should not exceed 90°C

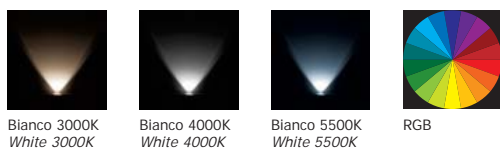
LED



Elettroluminescenza / Electroluminescence



Colori LED / LED Colours

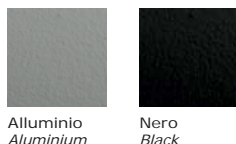
Bianco 3000K
White 3000KBianco 4000K
White 4000KBianco 5500K
White 5500K

RGB

A richiesta / On request

Rosso
RedBlu
BlueVerde
Green

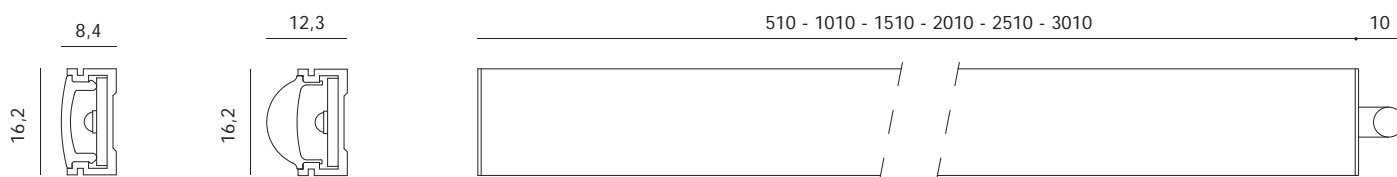
Finiture / Finishes

Alluminio
AluminiumNero
Black

DISEGNI TECNICI / TECHNICAL DRAWINGS

Con schermo piano
With flat screen

Con gruppo ottico lineare
With linear optical system



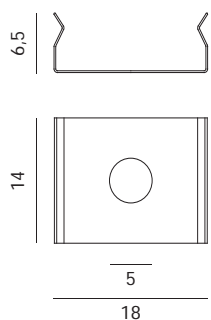
ACCESSORI / ACCESSORIES

Molla di fissaggio acciaio cromato
Chromed steel fixing spring

Schermo satinato
Satin screen

Gruppo ottico lineare 54°
Linear optical system 54°

Connettore per elettroluminescenza
Connector for electroluminescence



Cod. MOL.0008.99



3010mm
Cod. PPL.0003.99



3010mm
Cod. LEN.0053.99



Cod. MEL.0031.99