

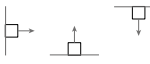
VERTEBRA



Sistema lineare professionale flessibile per illuminazione di segnalazione adatto ad ambienti interni ed esterni

Applicazioni	facciate, colonne, superfici curve
Ambientazioni	hotel, centri commerciali, palazzi storici, arredo urbano, abitazione private
Installazioni	su superficie
Materiali	alluminio - resine
Finiture	bianco opaco - trasparente
Sorgente	Power LED 118 - 130 lm/W
Ottiche	narrow beam (10°) - medium beam (30°) - wide beam (45°) - ottica ellittica (54°x12°)
Funzionamento	accensione on-off o dimmerabile
Caratteristiche	raggio di curvatura fino a 180 mm - lunghezza massima con una sola alimentazione 4 m - resistente ai raggi UV
Alimentazione	tensione costante 24 Vdc

Installazione / installation



Caratteristiche / features

IP66 IP67 IK10 **750°C**

Colori LED / LED colours



Professional flexible linear system for signal lighting suitable for indoor and outdoor settings

Applications	<i>facades, columns, curved surfaces</i>
Settings	<i>hotels, shopping centers, historical buildings, street furniture, private houses</i>
Installations	<i>surface mounted</i>
Materials	<i>aluminium - resins</i>
Finishes	<i>matt white - transparent</i>
Light source	<i>Power LED 118 - 130 lm/W</i>
Optics	<i>narrow beam (10°) - medium beam (30°) - wide beam (45°) - elliptical (54°x12°)</i>
Functions	<i>on-off, dimmable</i>
Features	<i>flexible radius down to 180 mm (7") - max length with one power supply 4 m (157,48") - UV resistant</i>
Power supply	<i>24 Vdc constant voltage</i>











Ra
>80



118 - 130
lm/W

POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example VER.01.M30W1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
80 mm 3,149"	400 (15,748")	9	VER.01	.M  narrow beam 10°	30  warm white 3000 K	W1  bianco opaco matt white	.0
		18	VER.02	.F  medium beam 30°	40  neutral white 4000 K	P0  trasparente transparent	
			.W  wide beam 45°				
			.E  ellittica elliptical 54°x12°				



Dettaglio della piastra di fissaggio in alluminio
Aluminium fixing plate detail



Finitura bianca
White finish



Finitura trasparente
Transparent finish

Riferimenti pagina / page references

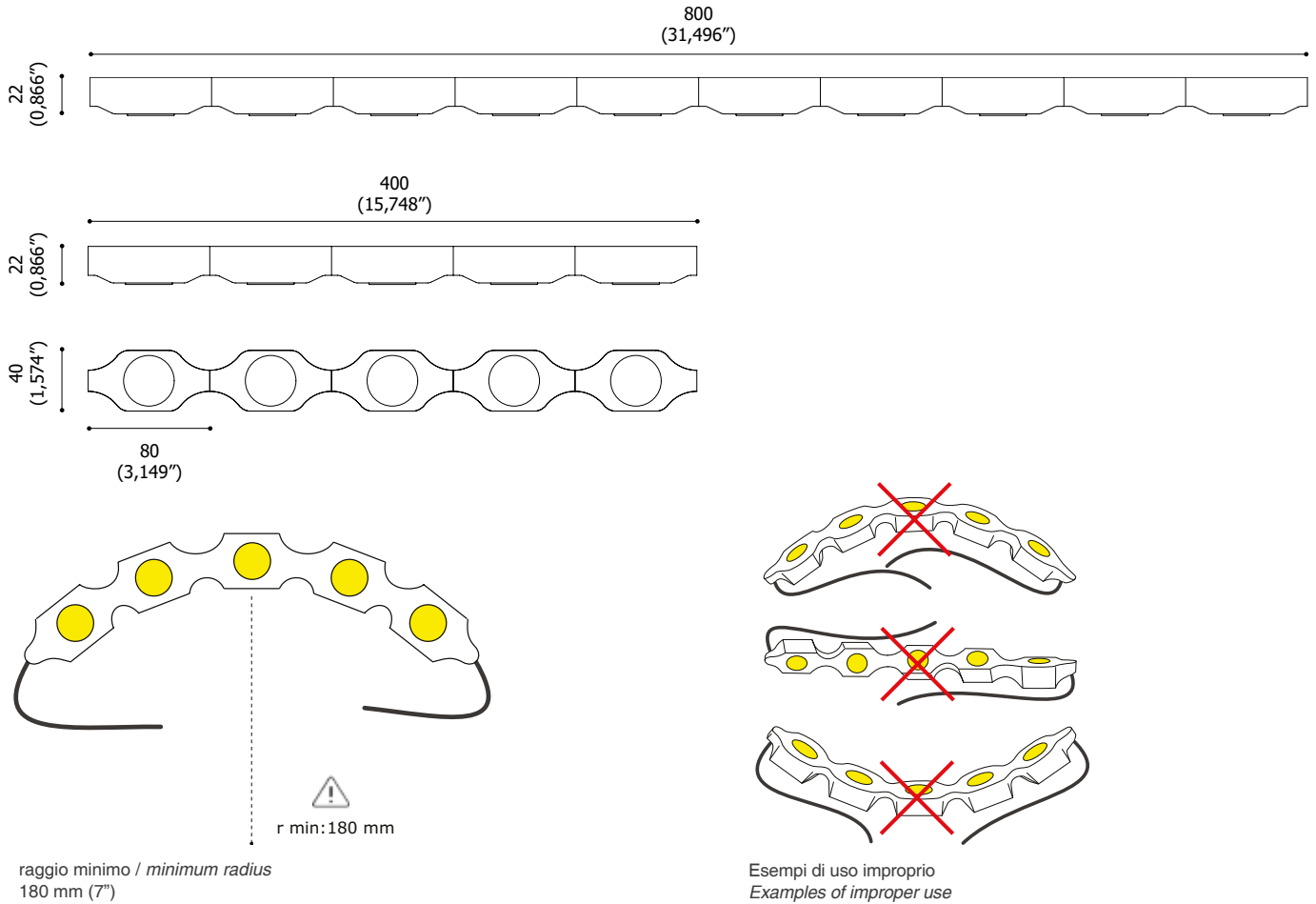
Accessori / accessories	pag. 362
Alimentatori / power supply units	pag. 376
Schemi di collegamento / connection diagrams	pag. 392 - D1/F1/G1/K1/P1

Note / notes

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

A richiesta sono disponibili LED con differenti temperature colore / LED with different colour temperatures are available on request

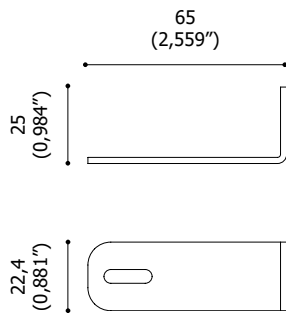




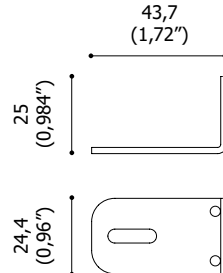
ACCESSORI / ACCESSORIES

ACC.0207.0

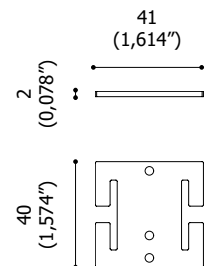
Kit di fissaggio con staffa lunga + viti (singolo)
Fixing kit long bracket + screws (single)

**ACC.0199.0**

Kit di fissaggio con staffa corta + viti (singolo)
Fixing kit short bracket + screws (single)

**ACC.0221.0**

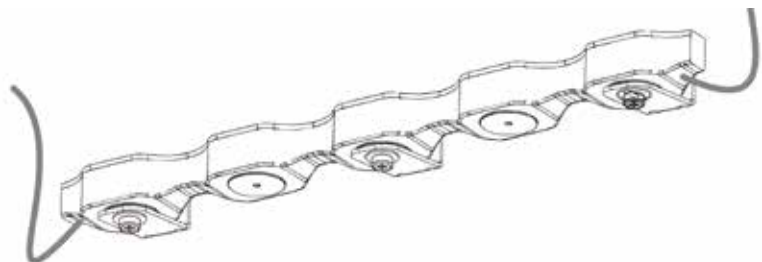
Piastra di fissaggio per cinghia 25 mm
Fixing plate for 25 mm belt
Sacchetto da 5 pezzi - 5 pieces package



Consigli per applicazione con staffe Advices for brackets application

3 staffe / brackets: 400 mm (15,748")

5 staffe / brackets: 800 mm (31,496")

**ACC.0265.0**

Cinghia
Tie down strap
L. 3000 x 25 mm (118,11" x 0,984")

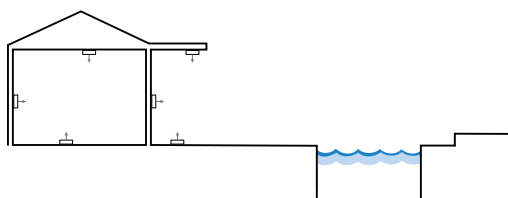
SCHEMA TECNICA

Corpo	alluminio - resina
Finitura	bianco opaco - trasparente
Ottica	narrow beam (10°) - medium beam (30°) - wide beam (45°) - ellittiche (54°x12°)
Fissaggio	tramite staffe in acciaio inox
Cavi di alimentazione	vedi tabella pag. 390
Colori LED	3000 K, 4000 K
Alimentazione	tensione costante 24 Vdc (±5%), collegamento in parallelo
Potenza assorbita	Power LED monocromatici: 5 moduli 9 W (passo 80 mm) - 10 moduli 18 W (passo 80 mm)
Efficienza luminosa	Power LED 118 - 130 lm/W
CRI	Ra > 80
Selezione cromatica	3-step MacAdam
Montaggio consigliato	da superficie (parete, pavimento, soffitto)
Temperatura di funzionamento	-25°C ÷ 50°C
Peso per metro	5 moduli 400 g - 10 moduli 800 g
Grado di protezione	IP66/IP67, IK10
Marchi	CE, UL
Normativa	prodotti in conformità alle vigenti norme EN60598-1 e sue parti; EN60598-2 e sue parti - UL 2018; IEC 60598-1; CSA C22.2 No. 250.0-08 - Certificate number: 20191022-E506810 low-voltage lighting systems, power units, luminaires and fittings

TECHNICAL INFORMATION

Body	aluminium - resins
Finish	matt white - transparent
Optics	narrow beam (10°) - medium beam (30°) - wide beam (45°) - elliptical optics (54°x12°)
Installation	with stainless steel brackets
Power supply cables	see table pag. 390
LED Colours	3000 K, 4000 K
Power supply	24 Vdc (±5%) constant voltage - parallel connection
Absorbed power per meter	monochromatic Power LED: 5 modules 9 W (pitch 80 mm - 3,149") - 10 modules 18 W (pitch 80 mm - 3,149")
Luminous efficiency	Power LED 118 - 130 lm/W
CRI	Ra > 80
Chromatic selection	MacAdam 3-step
Recommended installation	surface mounted (wall, floor, ceiling)
Working temperature	-25°C ÷ 50°C (-13°F ÷ 122°F)
Weight per meter	5 modules 400 g (14.10 oz) - 10 modules 800 g (28.21 oz)
Protection degree	IP66/IP67, IK10
Markings	CE, UL
Norms	products comply norms EN60598-1 and its parts; EN60598-2 and its parts - UL 2018; IEC 60598-1; CSA C22.2 No. 250.0-08 - Certificate number: 20191022-E506810 low-voltage lighting systems, power units, luminaires and fittings

Montaggio consigliato / recommended installation



Caratteristiche / features



Note / notes

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 (194 °F)