

Wired DMX

Last information update: February 2023



Accessory code

BZ33: IP67 box for power supply - dim. 280x190x130h (10PG)

Technical description

Box for electronic power supply on a DIN standard profile for 9856

Colour
Indeterminate (00)

Weight (Kg)
0.98

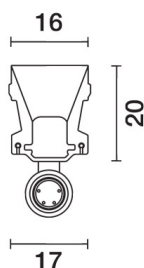
Complies with EN60598-1 and pertinent regulations

IP67

Last information update: October 2023

Product configuration: E424

E424: Top-Bend 16mm version - Warm white Led - 24Vdc - L=3004mm

**Product code**

E424: Top-Bend 16mm version - Warm white Led - 24Vdc - L=3004mm

Technical description

Luminaire for indoor and outdoor architectural linear lighting – with warm white monochrome Leds – on a 24Vdc flexible white circuit, length L=3004mm. The led circuit is completely IP68 encapsulated with a white (outside) and milky finish (over light emission) high performance polymer sheath: this material allows the device to be installed and used even at extreme temperatures: -30°C +45°C. Underscore InOut TOP-BEND can be used to create straight lines on flat and curved surfaces. Even, spotfree lighting is guaranteed along the entire strip profile up to the end parts. On both ends (not the head), the product is supplied with a cable L=80mm with IP68 male and female connectors fitted with an anti-detachment locknut. The product is supplied with stainless steel wires to stop the body from misshaping as this may damage the led circuit. Easy to install and a robust design for difficult environments (for example, it is salt water, UV and solvent resistant). Minimum curving radius 250mm for 16mm TOP-BEND versions. The luminaire technical characteristics conform to EN 60598-1 standards and particular requirements.

Installation

Surface-mounted (ceiling and wall) using accessories to be ordered separately. The installation accessories available include end-low aluminium profiles with slots (L=104mm) and intermediate-low aluminium profiles with no slots (L=998-1790mm) that are used to secure the linear Underscore InOut, with its side exit for the cable with connector. Aluminium low clips (L=40mm) and AISI 316 stainless steel low clips (L=40mm) ideal for curved sections are available. High linear aluminium profiles (L=1000-2000mm) are available and high aluminium and AISI 316 stainless steel clips (L=40mm) that hide the cables with the connectors in the bottom part.

Colour

White (01)

Weight (Kg)

0.9

Mounting

wall arm|wall surface|ceiling surface

Wiring

24Vdc $\pm 5\%$ LED circuit. Constant voltage ballasts to be ordered separately, both IP20 and IP67 are available and suitable for outdoor installation. DALI 120W 24V dimming interface available (code no. MWP3) or DALI/DMX/1-10V 12÷48Vdc 4-channel dimming interface available with 6A per channel, (code no. 9639) suitable for both RGB Led and white Led versions. The ballast and led strip are connected via cables with IP68 female connectors (L=115-1550-3050-5050mm) or IP68 male connectors (L=115-1500mm).

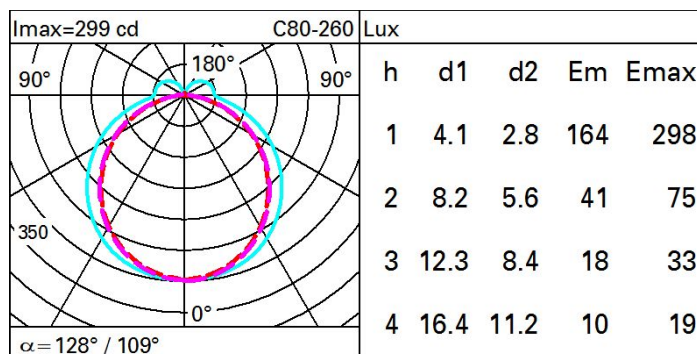
Notes

Underscore InOut can be powered in series up to a maximum length of L=7004mm. The product is not suitable for installation in swimming pools and fountains. The lengths indicated can have a tolerance of ± 4 mm compared to the nominal length.

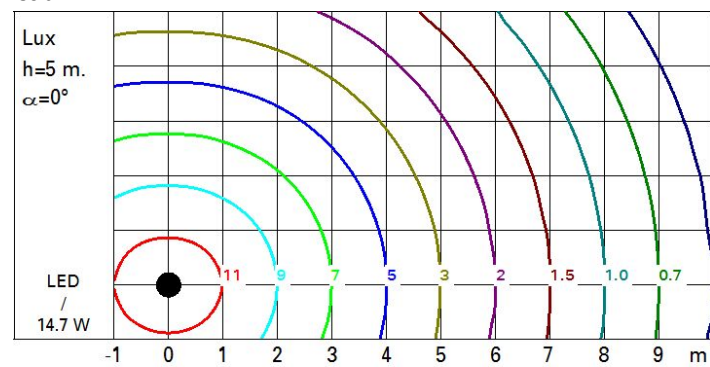
Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1090	Life Time LED 1:	84,000h - L80 - B10 (Ta 25°C)
W system:	14.7	Life Time LED 2:	84,000h - L80 - B10 (Ta 40°C)
Im source:	-	Ballast losses [W]:	0
W source:	-	Voltage [Vin]:	24
Luminous efficiency (Im/W, real value):	74.2	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	139	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 45°C.
Colour temperature [K]:	2800	LED current [mA]:	10
MacAdam Step:	3	Control:	PWM

Polar

Isolux



Constant voltage power supply DALI dimmable IP20 100W - VIN = 220-240 Vac 50/60Hz Vout = 24 Vdc IMAX = 4,16A

Design iGuzzini

iGuzzini

Last information update: February 2024



Accessory code

MZ15: Constant voltage power supply DALI dimmable IP20 100W - VIN = 220-240 Vac 50/60Hz Vout = 24 Vdc IMAX = 4,16A

Technical description

Constant-voltage DALI dimmable power supply - 100W / 24 Vdc. V out = 24 Vdc / I out = 4.16 A

Installation

use the connectors supplied with the strips to perform the wiring; protection degree of the ballast: IP20

Colour

Indeterminate (00)

Weight (Kg)

0.25

Dimension (mm) (*)

295x43x30

* The dimensions may change according to production requirements to ensure that performance levels and installation methods are observed.

Notes

EN 62386-101, EN 62386-102, EN 62386-207 (DALI-2), according to EN 50172, according to EN 60598-2-22

Complies with EN60598-1 and pertinent regulations



Technical data

Frequency [Hz]: 0/50/60

Inrush current: 43 A / 280 μ s

Overvoltage protection: 2kV Common mode & 1kV Differential mode

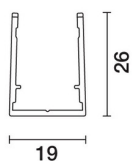
Control: DALI

Intermediate / low linear profile - L=998

Design iGuzzini

iGuzzini

Last information update: February 2023



Accessory code

X138: Intermediate / low linear profile - L=998

Technical description

Surface-mounted Intermediate-Low linear profile L=998mm. Made of anodised aluminium.

Installation

Wall or ceiling installation using the special slot under the profile. Secure using screw anchors for concrete, cement and solid brick.

Colour

Aluminium (12)

Weight (Kg)

0.3

Mounting

wall arm|wall surface|ceiling surface

Notes

For Underscore InOut, 16mm TOP-BEND and SIDE-BEND, in standard lengths 3004-5004-7004mm and lengths available on request L=304-354-404-454-554-604-654-704-754-804-854-904-954mm. To be ordered together with the pair of End-Low profiles with side slots code no. X137 and/or Intermediate-Low profiles with no side slots code no. X139-X140 for Underscore InOut lengths that require it (see instruction sheet).

Complies with EN60598-1 and pertinent regulations

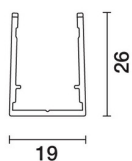
IK10

Intermediate / low linear profile - L=1790

Design iGuzzini

iGuzzini

Last information update: August 2023



Accessory code

X139: Intermediate / low linear profile - L=1790

Technical description

Surface-mounted Intermediate-Low linear profile L=1790mm. Made of anodised aluminium.

Installation

Wall or ceiling installation using the special slot under the profile. Secure using screw anchors for concrete, cement and solid brick.

Colour

Aluminium (12)

Weight (Kg)

0.53

Mounting

wall arm|wall surface|ceiling surface

Notes

For Underscore InOut, 16mm TOP-BEND and SIDE-BEND, in standard lengths 3004-4004-5004-7004mm. To be ordered together with the pair of End-Low profiles with side slots code no. X137 and/or Intermediate-Low profiles with no side slots code no. X138-X140 for Underscore InOut lengths that require it (see instruction sheet).

Complies with EN60598-1 and pertinent regulations

IK10

Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut - L=1500

Last information update: February 2023



Accessory code

X169: Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut - L=1500

Technical description

Cable with an IP68 female connector L=1500mm for versions with monochrome Leds. Fitted with an anti-detachment locknut.

Installation

For Underscore InOut with monochrome Leds electrical connections.

Colour
Black (04)

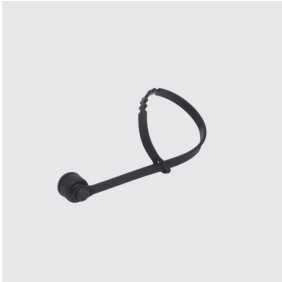
Weight (Kg)
0.04

Complies with EN60598-1 and pertinent regulations



Plastic cap with captive band kit for IP68 female connectors

Last information update: February 2023



Accessory code

X181: Plastic cap with captive band kit for IP68 female connectors

Technical description

Plastic cap with captive band kit for IP68 female connectors (10 piece package).

Installation

For closing the IP68 female connectors in the Underscore InOut.

Colour

Black (04)

Weight (Kg)

0.02

Complies with EN60598-1 and pertinent regulations



Last information update: June 2023



Accessory code

X188: 2-way junction connector - IP68

Technical description

IP68 2-way cable joiner with internal 4-pole terminals suitable for cables with a cross-section of $\varnothing=0.5\div4\text{mm}^2$. Made of PA66 plastic (polyamide, GWT 960°C). Complete with rubber pads for a single cable with a diameter of $\varnothing=2.5\div12\text{mm}$ and rubber pads for a double cable with a diameter of $\varnothing=2.5\div4,5\text{mm}$: the latter type of pad, when used with Underscore Inout, allows 2 cables exiting the connector to be connected.

Colour
Indeterminate (00)

Weight (Kg)
0.03

Complies with EN60598-1 and pertinent regulations

