Underscore InOut

Design iGuzzini   **iGuzzini**

Last information update: April 2024

Product configuration: E993+X162.12
E993: Underscore InOut
X162.12: Pair of terminal linear profiles - L=104 - Aluminium

Product code
E993: Underscore InOut **Attention! Code no longer in production**
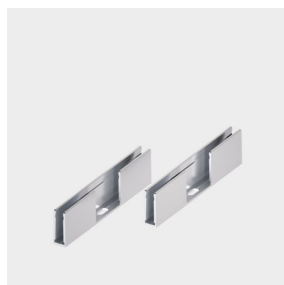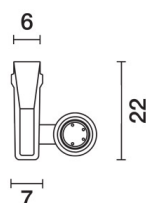
Colour
White (01)

Mounting
wall arm|wall surface|ceiling surface

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 +/- 4mm compared to the nominal length.

Complies with EN60598-1 and pertinent regulations

⬧ III   IK10   IP68   CE   ⬧03   ⬧

Accessory code
X162.12: Pair of terminal linear profiles - L=104 - Aluminium **Attention! Code no longer in production**

Technical description
Pair of surface-mounted End-Low linear profiles L=104mm, with a side exit slot for cables with Underscore connectors. Made of anodised aluminium. Complete with S4 screw anchors and ø3x30mm screws.

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

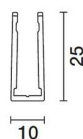| **Colour**	**Weight (Kg)**
Aluminium (12)	0.03

Mounting
wall arm|wall surface|ceiling surface

Notes
For Underscore InOut, 6mm SIDE-BEND, in standard lengths 3004-4004-5004-7004mm and lengths available on request 304-354-404-454-554-604-654-704-754-804-854-904-954mm. To be ordered together with Intermediate-Low profiles with no side slots code no.X163-X164-X165 for Underscore InOut lengths that require it (see instruction sheet). Thanks to special slots the cables with Underscore connectors exit from the side.

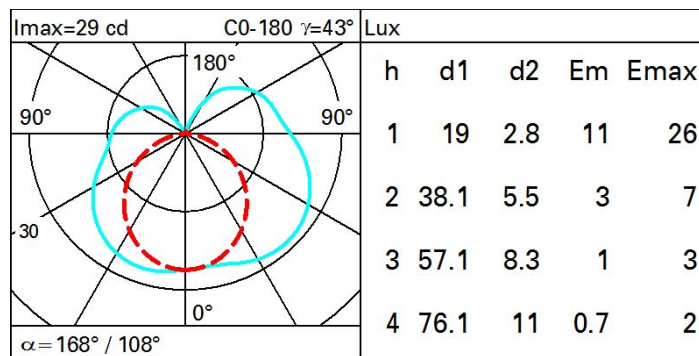Complies with EN60598-1 and pertinent regulations

IK10

Technical data

lm system:	154	Life Time LED 1:	50,000h - L70 - B20 (Ta 25°C)
W system:	4.7	Life Time LED 2:	30,000h - L70 - B20 (Ta 40°C)
lm source:	154	Voltage [Vin]:	24
W source:	4.7	Lamp code:	LED
Luminous efficiency (lm/W, real value):	32.8	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	40	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	Intervallo temperatura ambiente:	from -30°C to 45°C.
CRI (minimum):	80	LED current [mA]:	18
Colour temperature [K]:	2500	Control:	PWM
MacAdam Step:	3		

Polar

Imax=29 cd	C0-180 γ=43°	Lux

h	d1	d2	Em	Emax
1	19	2.8	11	26
2	38.1	5.5	3	7
3	57.1	8.3	1	3
4	76.1	11	0.7	2

α = 168° / 108°

Isolux

Lux
h=5 m.
α=0°

LED / 4.7 W

1.0 0.9 0.7 0.5 0.4 0.3 0.2 0.2 0.1

-1 0 1 2 3 4 5 6 7 8 9 m