



Side Bend 10
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Side Bend 16
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Top Bend 16
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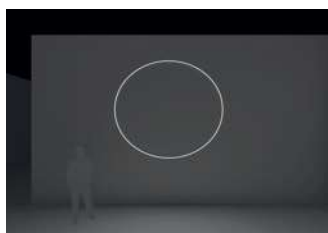


**Top Bend 16
Dive**
page 600

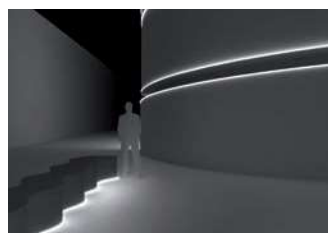
Underscore InOut

It's in the optics

Straight and curved lines on flat surfaces with the SIDE BEND version (16mm-10mm)



Side Bend



Top Bend

Straight lines on flat and curved surfaces with the TOP BEND version (16mm)

Uniformity

The front part is characterized by a diffusing opal finish to ensure maximum uniformity over the entire light emitting surface. Absence of shadow zones thanks to cable positioning at the rear or the side



Underscore InOut
Perfect lighting uniformity



Other products
Gap in the lighting effect

Reliability for better Light

Reliable performance even under extreme conditions. Patented to protect Leds and retain features unchanged over time.

- 1 High performance polymer with double white/opal finish
- 2 IP 68 connector with secure block
- 3 Air chamber
- 4 Splint System
Metallic sheath to absorb mechanical stresses
- 5 Free LED circuit protected against thermal and mechanical stress..



L80 B20

Reliable LED performance

Underscore InOut guarantees the declared B20 lifespan.

E.g.: Underscore InOut White

Top Bend has a lifespan of:

53,000 hours L80 B20 (Ta 25°C)

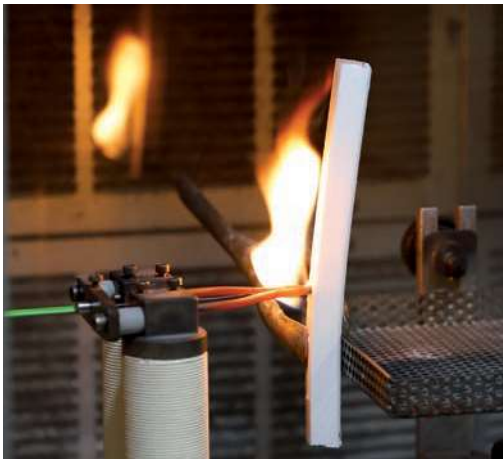
50,000 hours L80 B20 (Ta 40°C)

** value for colour with shorter lifespan calculated with simultaneous individual RGB ON at maximum intensity.
On request, we can provide values for individual lifespans for each RGB colour or the average value of the three colours.

Total flammability resistance.

Underscore InOut is highly reliable even in the event of fire, since it complies with glow-wire test at 960°. Similar products in polyurethane or PVC, on the other hand, are already non-compliant at 850°C. All products are in any case compliant at 650°C as indicated by the Standard.

Glow-wire test at 960°C
Reliability in the event of fire /
standard flammability
EN 60598 -1:2015



iGuzzini
Underscore InOut
complies at 960 °C

**Company A
Polyurethane**
does not comply at
850°C

**Company B
Polyurethane**
does not comply at
850°C

**Company C
PVC**
does not comply at
960°C

Reliability of performances even at extreme temperatures

Tests in a climatic chamber (IMQ/
UL/CQCC certified laboratory)
demonstrate that Underscore InOut
remains operative even at extreme
temperatures, from -30°C to
+45°C, with no thermal shrinkage or
expansion when installed with a clip
or profile.
It also retains maximum flexibility even
at -30° C.



UV Test / Reliability of the material

The European Quality Institute tested
Underscore InOut and other similar
systems in other materials.
After 2 years of exposure, PVC turns
yellow.
After 12 years, our material still has
the same finishing, thereby ensuring
the same efficiency and colour
temperature.
Standard ISO 11507:2007

	0 years	2.5 years	12.5 years
iGuzzini - Underscore InOut			
Company A - Polyurethane			
Company B - Polyurethane			
Company C - PVC			

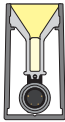
Underscore InOut

Side bend

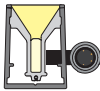
Side-Bend strips create straight and curved lines on flat surfaces. Three widths are available: 10mm-16mm. Low or high profiles in aluminium in relation to the side or rear position of the output cable.



Side bend 10 Low profile (h 25 mm)



Side bend 16 High profile (h 31 mm)



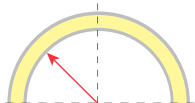
Side bend 16 Low profile (h 26 mm)

Curvature

It is advisable not to exceed the minimum 15mm radius of curvature indicated, for 16mm-10mm versions.



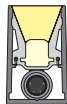
Side Bend 6
Curvature radius = 6,5 cm



Side Bend 10 - 16
Curvature radius = 15 cm

Top bend

Top-Bend strips create rectilinear lines on flat or curved surfaces. Width is 16 mm. Low or high profiles in aluminium in relation to the side or rear position of the output cable.



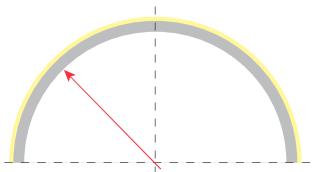
Top bend 16x20
High profile
(h 31 mm)



Top bend 16x20
Low profile
(h 26 mm)

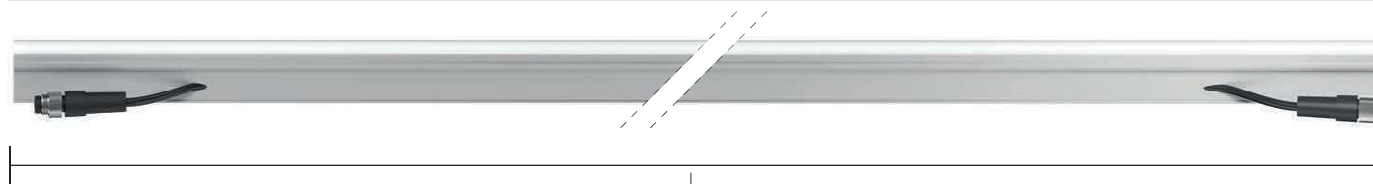
Curvature

It is advisable not to exceed the minimum radius of curvature indicated of 25cm.



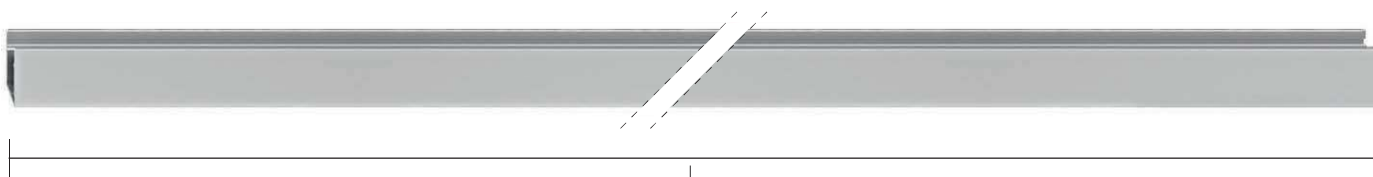
Top Bend 16
Curvature radius = 25 cm

Side / Top Strip Lengths



L = 254 / 304 / 354 / 404 / 454 / 504 / 554 / 604 / 654 / 704 / 754 / 804 / 854 / 904 / 954 / 1004 / 2004 / 3004 / 4004 / 5004 / 7004 mm

Profile Lengths



High profile
L = 1000 / 2000 mm

High clip
L = 40 mm ++

Low profile
L = 250 / 500 / 1000 / 2000 mm

Low clip
L = 40 mm ++

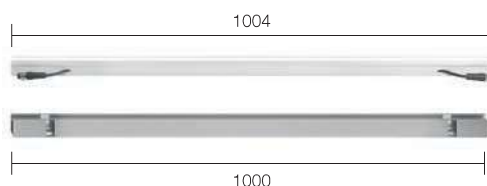
Intermediate low profile
L = 998 / 1787 / 1997 / mm

Heads with slot for side exit for L = 104 mm connectors

Aggregation

Strip 254 / 504 / 1004/ 2004 mm

Aggregation example for strip
L = 1004:
Profile with slots 1000 mm



Strip 3004 mm

Intermediate profiles L = 998+1790

Strip 4004 mm

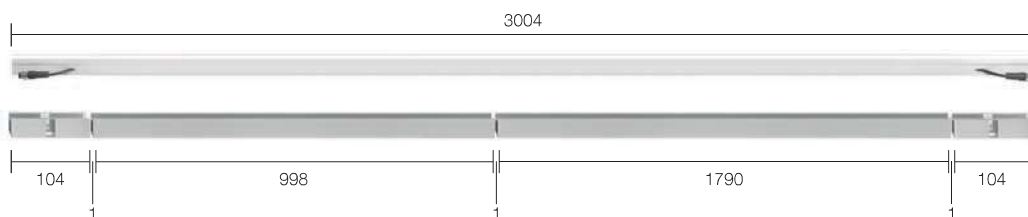
Intermediate profiles L = 1790+1998

Strip 5004 mm

Intermediate profiles
L = 998+1790+1998

Strip 7004 mm

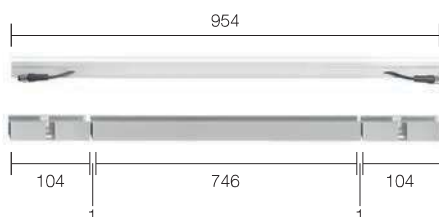
Intermediate profiles
L = 1998+1198+1790+998



For each composition add a pair of 104 mm caps

Strip from 354 to 954 mm (excluding 504 mm)

Example of aggregation
for strip L = 954:
Intermediate profile L = 998
(L-shaped = 746)



For each composition add a pair of 104 mm caps

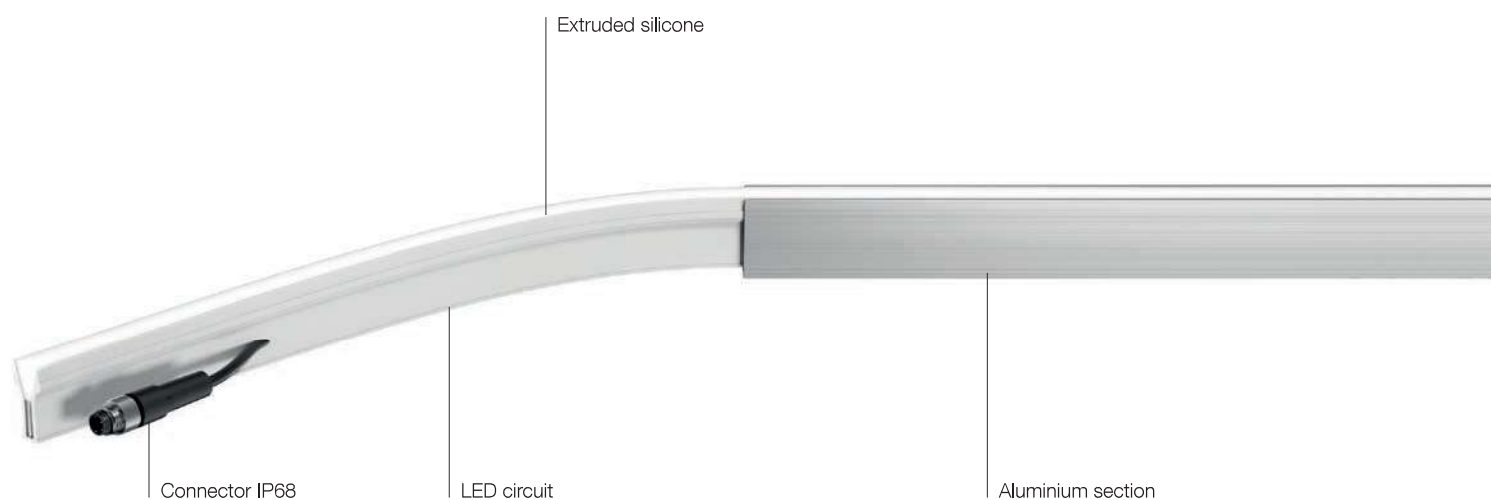
Formula for calculating the length of the intermediate profile
Profile L = 954 mm (strip) - 104x2 mm (heads) + 1x2 mm (expansion tolerance)

Underscore InOut

Side Bend 10

Award

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DALI



DMX



IP68



IK10



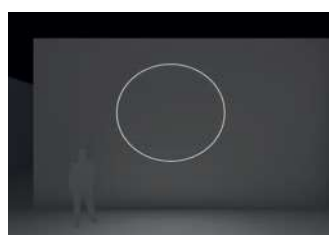
- Linear luminaire with monochromatic (2500K-2900K-3800K-4500K) or RGB LEDs.
- Surface installation with profiles (straight lines) or clips (curved lines).
- Implemented on a 24Vdc white flexible circuit with lengths from 254 mm to 7004 mm (21 possible combinations).
- The PWM LED circuit is fully IP68 encapsulated with a very high performance white (external) and opal (emitting surface) polymer

- sheath: the material can be used and installed even at extreme temperatures: 30 ° C + 45 ° C.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with L = 80 mm cables with IP68 male and female connectors fitted with anti-release ring nuts.
- Resistant to brine, UV rays and solvents.

- IK10 impact resistance
- Contact temperature <40°.
- IP68 protection for product and cable alike using IP68 connectors. The product is not considered suitable for installation in swimming pools and fountains.

Lighting effects

A pen of light to underscore flat surfaces of any dimension with various signs. Straight or curved, white or coloured lines leave a discreet, precise graphic sign on architecture.



Colour temperature



2500K



2900K



3800K

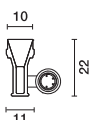


4500K



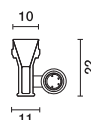
01
WHITE

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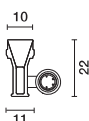
W	lm	length	code colour
2500K - 24Vdc			
LED			
2500K - CRI 80 - PWM			
2,1W	75	254	EA08 01
2,6W	90	304	EA09 01
3W	105	354	EA10 01
3,4W	120	404	EA11 01
3,8W	135	454	EA12 01
4,3W	150	504	EA13 01
4,7W	165	554	EA14 01
5,1W	180	604	EA15 01
5,5W	195	654	EA16 01
6W	210	704	EA17 01
6,4W	225	754	EA18 01
6,8W	240	804	EA19 01
7,2W	255	854	EA20 01
7,7W	270	904	EA21 01
8,1W	285	954	EA22 01
8,5W	300	1004	EA23 01
17W	600	2004	EA24 01
25,5W	900	3004	EA25 01
34W	1200	4004	EA26 01
42,5W	1500	5004	EA27 01
59,5W	2100	7004	EA28 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



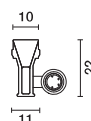
W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	75	254	E575 01
2,6W	90	304	E576 01
3W	105	354	E577 01
3,4W	120	404	E578 01
3,8W	135	454	E579 01
4,3W	150	504	E580 01
4,7W	165	554	E581 01
5,1W	180	604	E582 01
5,5W	195	654	E583 01
6W	210	704	E584 01
6,4W	225	754	E585 01
6,8W	240	804	E586 01
7,2W	255	854	E587 01
7,7W	270	904	E588 01
8,1W	285	954	E589 01
8,5W	300	1004	E590 01
17W	600	2004	E591 01
25,5W	900	3004	E592 01
34W	1200	4004	E593 01
42,5W	1500	5004	E594 01
59,5W	2100	7004	E595 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
3800K - 24Vdc			
LED			
3800K - CRI 80 - PWM			
2,1W	82,5	254	E596 01
2,6W	99	304	E597 01
3W	115,5	354	E598 01
3,4W	132	404	E599 01
3,8W	148,5	454	E600 01
4,3W	165	504	E601 01
4,7W	181,5	554	E602 01
5,1W	198	604	E603 01
5,5W	214,5	654	E604 01
6W	231	704	E605 01
6,4W	247,5	754	E606 01
6,8W	264	804	E607 01
7,2W	280,5	854	E608 01
7,7W	297	904	E609 01
8,1W	313,5	954	E610 01
8,5W	330	1004	E611 01
17W	660	2004	E612 01
25,5W	990	3004	E613 01
34W	1320	4004	E614 01
42,5W	1650	5004	E615 01
59,5W	2310	7004	E616 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
4600K - 24Vdc			
LED			
4600K - CRI 80 - PWM			
2,1W	75	254	E617 01
2,6W	90	304	E618 01
3W	105	354	E619 01
3,4W	120	404	E620 01
3,8W	135	454	E621 01
4,3W	150	504	E622 01
4,7W	165	554	E623 01
5,1W	180	604	E624 01
5,5W	195	654	E625 01
6W	210	704	E626 01
6,4W	225	754	E627 01
6,8W	240	804	E628 01
7,2W	255	854	E629 01
7,7W	270	904	E630 01
8,1W	285	954	E631 01
8,5W	300	1004	E632 01
17W	600	2004	E633 01
25,5W	900	3004	E634 01
34W	1200	4004	E635 01
42,5W	1500	5004	E636 01
59,5W	2100	7004	E637 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

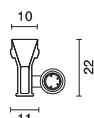
Data refer to the luminous flux emitted by the system.
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Underscore InOut

Side Bend 10



01
WHITE



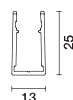
W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - PWM			
2,2W	16,8	254	E638 01
2,6W	20,1	304	E639 01
3,1W	23,5	354	E640 01
3,5W	26,8	404	E641 01
4W	30,2	454	E642 01
4,4W	33,5	504	E643 01
4,8W	36,9	554	E644 01
5,3W	40,2	604	E645 01
5,7W	43,6	654	E646 01
6,2W	46,9	704	E647 01
6,6W	50,3	754	E648 01
7W	53,6	804	E649 01
7,5W	57	854	E650 01
7,9W	60,3	904	E651 01
8,4W	63,7	954	E652 01
8,8W	67	1004	E653 01
17,6W	134	2004	E654 01
26,4W	201	3004	E655 01
35,2W	268	4004	E656 01
44W	335	5004	E657 01
61,6W	469	7004	E658 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Underscore InOut can be connected in sequence up to a maximum of L=7004 mm. Depending on the type of power supply.

Underscore connections can be made in parallel, each with a maximum length of L = 7004 mm; they can also be installed in a continuous row (see instruction sheet).

profiles and clip



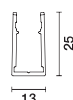
length	code colour
Linear profile	
Module	
250	X148 12
500	X149 12
1000	X150 12
2000	X151 12

With 2 slots for the side exit of the connectors.



length	code colour
Intermediate linear profile	
Module	
998	X153 12
1790	X154 12
1998	X155 12

Without slots
To be ordered with the end profiles
(refer to the instructions sheet)



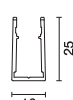
length	code colour
Pair of end linear profiles	
Module	
104	X152 12

With 1 slot for the side exit of the connector.
To be ordered with the intermediate profiles
(refer to the instructions sheet)



length	code colour
Stainless steel support clip	
Module	
40	X156 13

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



length	code colour
Anodised aluminium support clip	
Module	
40	X157 12

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

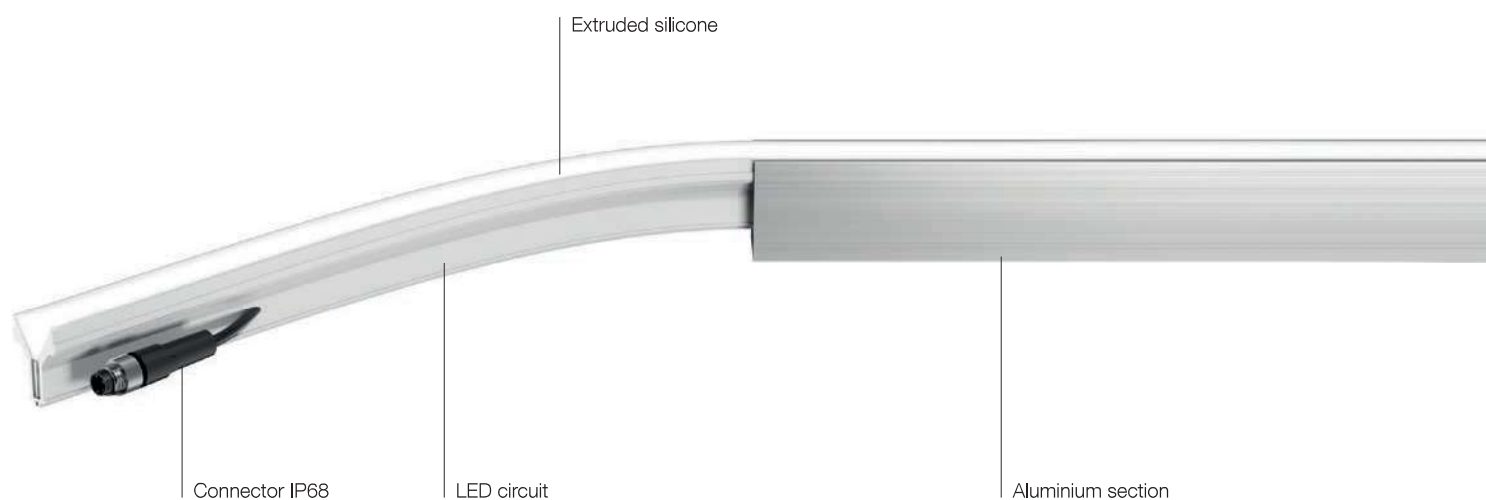
Control gear	code	colour	Interfaces & remote units	code	colour	Power supply	code	colour
 IP67 box for power supply			 4-channel LED Driver with DALI-DMX 720W controller			 Constant current power supply unit IP20 96W		
dim. 140x230x95h (6PG)	9582	00	VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00	VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00
	Unit for power supplies 9912-BZK1-MWK4-MWK5							
dim. 280x190x130h (10PG)	BZ33	00	 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00	 Constant current power supply unit DALI IP20 100W		
						VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00
 Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut			Power supply	code	colour	 Constant current power supply unit non dimmable track DIN 120W		
L=115	X168	04	 Electronic constant tension power supply 50W 24V			VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00
L=1500	X169	04	Iout=2A dim. 225x60x36h	MWK4	00			
L=3000	X170	04	 Electronic constant tension power supply 70W 24V			 Constant current power supply unit non dimmable track DIN 240W		
L=5000	X171	04	IOUT=2,9A dim. 225x60x36h	MWK5	00	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00
 Cable with female connector for RGB IP68 With anti-detachment locknut			 Constant current power supply unit non dimmable IP67 40W			 Constant current power supply unit non dimmable track DIN 10W		
L=115	X174	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8	X182	00	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00
L=1500	X175	04						
L=3000	X176	04	 Constant current power supply unit non dimmable IP67 80W			 Constant current power supply unit non dimmable track DIN 24W		
L=5000	X177	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00	VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00
 Cable with male connector for monochromatic LEDs IP68 With anti-detachment locknut			 Constant current power supply unit non dimmable IP67 120W			 Constant current power supply unit non dimmable track DIN 72W		
L=115	X172	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00			
L=1500	X173	04				 Constant current power supply unit non dimmable track DIN 96W		
 Cable with male connector for RGB IP68 With anti-detachment locknut			 Constant current power supply unit non dimmable IP67 185W			VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x68x105	9911	00
L=115	X178	04	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00			
L=1500	X179	04				 Constant current power supply unit non dimmable track DIN 480W		
 2-way junction connector - IP68	X188	00	 Constant current power supply unit non dimmable IP67 240W			VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
	possible connection of max. 2 outgoing cables with connectors		VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00			
 4-way junction connector - IP68	X189	00	 Constant current power supply unit non dimmable IP67 320W					
	possible connection of max. 6 outgoing cables with connectors		VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00			
 Cap kit for IP68 connectors 10 units With anti-detachment band								
Female	X181	04						
male	X180	04						

Underscore InOut

Side Bend 16

Award

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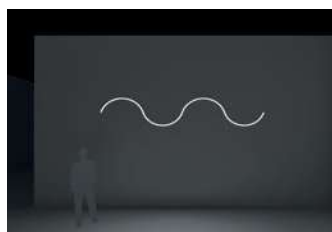
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- Linear luminaire with monochromatic (2500K-2900K-3800K-4500K), RGB or Tunable White LEDs.
- Surface installation with profiles (straight lines) or clips (curved lines).
- Implemented on a 24Vdc white flexible circuit with lengths from 254 mm to 7004 mm (21 possible combinations).
- The PWM LED circuit is fully IP68 encapsulated with a very high performance white (external) and opal (emitting surface) polymer sheath: the material can be used and installed even at extreme temperatures: 30 ° C + 45 ° C.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with L = 80 mm cables with IP68 male and female connectors fitted with anti-release ring nuts.
- Complete with stainless steel wires to limit plastic deformation of the body that may otherwise damage the LED circuit.
- Resistant to brine, UV rays and solvents.
- IK10 impact resistance
- Contact temperature <40°.

Lighting effects

The Side -16mm version creates a striking graphic sign on architecture through straight or curved, white or coloured lines that mark a flat surface.



Colour temperature



2500K



2800K



3500K

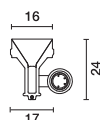


4500K



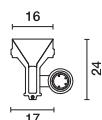
01
WHITE

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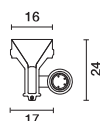
W	lm	length	code colour
2500K - 24Vdc			
LED			
2500K - CRI 80 - PWM			
2,1W	71,3	254	EA29 01
2,6W	85,5	304	EA30 01
3W	99,8	354	EA31 01
3,4W	114	404	EA32 01
3,8W	128,3	454	EA33 01
4,3W	142,5	504	EA34 01
4,7W	156,8	554	EA35 01
5,1W	171	604	EA36 01
5,5W	185,3	654	EA37 01
6W	199,5	704	EA38 01
6,4W	213,8	754	EA39 01
6,8W	228	804	EA40 01
7,2W	242,3	854	EA41 01
7,7W	256,5	904	EA42 01
8,1W	270,8	954	EA43 01
8,5W	285	1004	EA44 01
17W	570	2004	EA45 01
25,5W	855	3004	EA46 01
34W	1140	4004	EA47 01
42,5W	1425	5004	EA48 01
59,5W	1995	7004	EA49 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



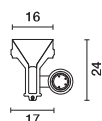
W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	71,3	254	E491 01
2,6W	85,5	304	E492 01
3W	99,8	354	E493 01
3,4W	114	404	E494 01
3,8W	128,3	454	E495 01
4,3W	142,5	504	E496 01
4,7W	156,8	554	E497 01
5,1W	171	604	E498 01
5,5W	185,3	654	E499 01
6W	199,5	704	E500 01
6,4W	213,8	754	E501 01
6,8W	228	804	E502 01
7,2W	242,3	854	E503 01
7,7W	256,5	904	E504 01
8,1W	270,8	954	E505 01
8,5W	285	1004	E506 01
17W	570	2004	E507 01
25,5W	855	3004	E508 01
34W	1140	4004	E509 01
42,5W	1425	5004	E510 01
59,5W	1995	7004	E511 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
3800K - 24Vdc			
LED			
3800K - CRI 80 - PWM			
2,1W	77,5	254	E512 01
2,6W	93	304	E513 01
3W	108,5	354	E514 01
3,4W	124	404	E515 01
3,8W	139,5	454	E516 01
4,3W	155	504	E517 01
4,7W	170,5	554	E518 01
5,1W	186	604	E519 01
5,5W	201,5	654	E520 01
6W	217	704	E521 01
6,4W	232,5	754	E522 01
6,8W	248	804	E523 01
7,2W	263,5	854	E524 01
7,7W	279	904	E525 01
8,1W	294,5	954	E526 01
8,5W	310	1004	E527 01
17W	620	2004	E528 01
25,5W	930	3004	E529 01
34W	1240	4004	E530 01
42,5W	1550	5004	E531 01
59,5W	2170	7004	E532 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
4600K - 24Vdc			
LED			
4600K - CRI 80 - PWM			
2,1W	70	254	E533 01
2,6W	84	304	E534 01
3W	98	354	E535 01
3,4W	112	404	E536 01
3,8W	126	454	E537 01
4,3W	140	504	E538 01
4,7W	154	554	E539 01
5,1W	168	604	E540 01
5,5W	182	654	E541 01
6W	196	704	E542 01
6,4W	210	754	E543 01
6,8W	224	804	E544 01
7,2W	238	854	E545 01
7,7W	252	904	E546 01
8,1W	266	954	E547 01
8,5W	280	1004	E548 01
17W	560	2004	E549 01
25,5W	840	3004	E550 01
34W	1120	4004	E551 01
42,5W	1400	5004	E552 01
59,5W	1960	7004	E553 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Underscore InOut

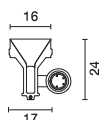
Side Bend 16



01
WHITE

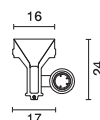
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W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - PWM			
2,2W	14,5	254	E554 01
2,6W	17,4	304	E555 01
3,1W	20,3	354	E556 01
3,5W	23,2	404	E557 01
4W	26,1	454	E558 01
4,4W	29	504	E559 01
4,8W	31,9	554	E560 01
5,3W	34,8	604	E561 01
5,7W	37,7	654	E562 01
6,2W	40,6	704	E563 01
6,6W	43,5	754	E564 01
7W	46,4	804	E565 01
7,5W	49,3	854	E566 01
7,9W	52,2	904	E567 01
8,4W	55,1	954	E568 01
8,8W	58	1004	E569 01
17,6W	116	2004	E570 01
26,4W	174	3004	E571 01
35,2W	232	4004	E572 01
44W	290	5004	E573 01
61,6W	406	7004	E574 01



24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

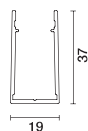
W	lm	length	code colour
Tunable white 2500K÷4500K - 24Vdc			
LED			
Tunable white - PWM			
2,2W	81,9	254	EA71 01
2,6W	98,3	304	EA72 01
3,1W	114,7	354	EA73 01
3,5W	131,1	404	EA74 01
4W	147,5	454	EA75 01
4,4W	163,9	504	EA76 01
4,8W	180,2	554	EA77 01
5,3W	196,6	604	EA78 01
5,7W	213	654	EA79 01
6,1W	229,4	704	EA80 01
6,6W	245,8	754	EA81 01
7W	262,2	804	EA82 01
7,5W	278,5	854	EA83 01
7,9W	294,9	904	EA84 01
8,3W	311,3	954	EA85 01
8,8W	327,7	1004	EA86 01
18W	655,4	2004	EA87 01
26W	983,1	3004	EA88 01
35W	1310,8	4004	EA89 01
44W	1638,5	5004	EA90 01
61W	2293,9	7004	EA91 01



24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

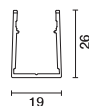
profiles and clip

length	code colour
High linear profile	
Module	
1000	X143 12
2000	X144 12



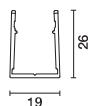
With seating for hidden connector.
For all lengths (cut to size).
Allows the connector to be hidden in the lower part of the profile.

length	code colour
Low linear profile	
Module	
250	X133 12
500	X134 12
1000	X135 12
2000	X136 12



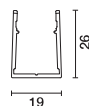
With 2 slots for the side exit of the connectors

length	code colour
Intermediate low linear profile	
Module	
998	X138 12
1790	X139 12
1998	X140 12



Without slots
To be ordered with the end profiles (refer to the instructions sheet)

length	code colour
Pair of low end linear profiles	
Module	
104	X137 12



With 1 slot for the side exit of the connector.
To be ordered with the intermediate profiles (refer to the instructions sheet)

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Data refer to the luminous flux emitted by the system.
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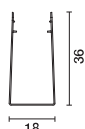
01
WHITE

profiles and clip



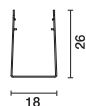
length	code colour
Stainless steel high support clip	
Module	
40	X145 13

With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.



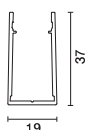
length	code colour
Stainless steel low support clip	
Module	
40	X147 13

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



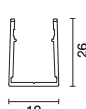
length	code colour
Anodised aluminium high support clip	
Module	
40	X146 12

With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.



length	code colour
Anodised aluminium low support clip	
Module	
40	X142 12

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



Control gear	code	colour
 IP67 box for power supply dim. 140x230x95h (6PG) dim. 280x190x130h (10PG)	9582 BZ33	00 00
Unfit for power supplies 9912-BZK1-MWVK4-MWVK5		
 Cable with female connector IP68 for versions with LED tunable white		
L=115	X288	04
L=1500	X289	04
L=3000	X290	04
L=5000	X291	04
 Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut		
L=115	X168	04
L=1500	X169	04
L=3000	X170	04
L=5000	X171	04

Control gear	code	colour
 Cable with female connector for RGB IP68 With anti-detachment locknut		
L=115	X174	04
L=1500	X175	04
L=3000	X176	04
L=5000	X177	04
 Cable with male connector IP68 for versions with LED tunable white		
L=1500	X292	04
L=1500	X293	04
 Cable with male connector for monochromatic LEDs IP68 With anti-detachment locknut		
L=115	X172	04
L=1500	X173	04

Control gear	code	colour
 Cable with male connector for RGB IP68 With anti-detachment locknut		
L=115	X178	04
L=1500	X179	04
 2-way junction connector - IP68	X188	00 possible connection of max, 2 outgoing cables with connectors
 4-way junction connector - IP68	X189	00 possible connection of max, 6 outgoing cables with connectors
 Cap kit for IP68 connectors 10 units With anti-detachment band		
Female	X181	04
male	X180	04
Interfaces & remote units		
 4-channel LED Driver with DALI-DMX 720W controller		
VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00
 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00

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Side Bend 16

Power supply	code	colour	Power supply	code	colour	Power supply	code	colour
 Electronic constant tension power supply 50W 24V Iout=2A dim. 225x60x36h	MWK4	00	 Constant current power supply unit non dimmable IP67 240W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186	00	 Constant current power supply unit non dimmable track DIN 10W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93	9908	00
 Electronic constant tension power supply 70W 24V IOUT=2,9A dim. 225x60x36h	MWK5	00	 Constant current power supply unit non dimmable IP67 320W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions:252x90x43,8	X187	00	 Constant current power supply unit non dimmable track DIN 24W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909	00
 Constant current power supply unit non dimmable IP67 40W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions:171x61,5x36,8	X182	00	 Constant current power supply unit IP20 96W VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14	00	 Constant current power supply unit non dimmable track DIN 72W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910	00
 Constant current power supply unit non dimmable IP67 80W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183	00	 Constant current power supply unit DALI IP20 100W VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30	MZ15	00	 Constant current power supply unit non dimmable track DIN 96W VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911	00
 Constant current power supply unit non dimmable IP67 120W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184	00	 Constant current power supply unit non dimmable track DIN 120W VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0	00	 Constant current power supply unit non dimmable track DIN 480W VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1	00
 Constant current power supply unit non dimmable IP67 185W VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185	00	 Constant current power supply unit non dimmable track DIN 240W VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912	00			



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"Reale Mutua" Towers - Turin, Italy
 Architectural Project:
 Arch. Caterina Ambrosecchia - Asset Promotion and Development Sector - Technical and Project Management Office - Reale Immobili Impianti:
 P. I. Sandro Gallo & Geom. Luca Pochettino
 Photo: Paolo Carlini

Page.592
Teatro Antico - Taormina
 Client: Department of Cultural Heritage and Sicilian Identity, Metaenergia E.S.Co.
 Lighting Project:
 Roberto Sannasardo
 Photo: Mario Tordini



Underscore InOut

Top Bend 16

Award

ArchiExpo i-NOVO



Explore and interact with products in 3D.
thelightexperience.iguzzini.com



- Linear luminaire with monochromatic (2500K → 4500K), RGB or Tunable White LEDs.
- High-output versions available with more powerful luminous flux (higher lm/W).
- Surface installation with profiles (straight lines) or clips (curved lines).
- Implemented on a 24Vdc white flexible circuit with lengths from 254 mm to 7004 mm (21 possible combinations).
- The PWM LED circuit is fully IP68

- encapsulated with a very high performance white (external) and opal (emitting surface) polymer sheath: the material can be used and installed even at extreme temperatures: 30 ° C + 45 ° C.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the terminal parts.
- Complete with L = 80 mm cables with IP68 male and female connectors fitted with anti-release ring nuts.
- Complete with stainless steel wires

to limit plastic deformation of the body that may otherwise damage the LED circuit.

- Resistant to brine, UV rays and solvents.
- IK10 impact resistance
- Contact temperature <40°.

Lighting effects

A continuous line of white or coloured light follows the surface direction.



Colour temperature



2500K



2800K



3500K



4500K



01
WHITE

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W	lm	length	code colour
2500K - 24Vdc			
LED			
2500K - CRI 80 - PWM			
2,1W	68,8	254	EA50 01
2,6W	82,5	304	EA51 01
3W	96,3	354	EA52 01
3,4W	110	404	EA53 01
3,8W	123,8	454	EA54 01
4,3W	137,5	504	EA55 01
4,7W	151,3	554	EA56 01
5,1W	165	604	EA57 01
5,5W	178,8	654	EA58 01
6W	192,5	704	EA59 01
6,4W	206,3	754	EA60 01
6,8W	220	804	EA61 01
7,2W	233,8	854	EA62 01
7,7W	247,5	904	EA63 01
8,1W	261,3	954	EA64 01
8,5W	275	1004	EA65 01
17W	550	2004	EA66 01
25,5W	825	3004	EA67 01
34W	1100	4004	EA68 01
42,5W	1375	5004	EA69 01
59,5W	1925	7004	EA70 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	68,8	254	E407 01
2,6W	82,5	304	E408 01
3W	96,3	354	E409 01
3,4W	110	404	E410 01
3,8W	123,8	454	E411 01
4,3W	137,5	504	E412 01
4,7W	151,3	554	E413 01
5,1W	165	604	E414 01
5,5W	178,8	654	E415 01
6W	192,5	704	E416 01
6,4W	206,3	754	E417 01
6,8W	220	804	E418 01
7,2W	233,8	854	E419 01
7,7W	247,5	904	E420 01
8,1W	261,3	954	E421 01
8,5W	275	1004	E422 01
17W	550	2004	E423 01
25,5W	825	3004	E424 01
34W	1100	4004	E425 01
42,5W	1375	5004	E426 01
59,5W	1925	7004	E427 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
3800K - 24Vdc			
LED			
3800K - CRI 80 - PWM			
2,1W	75	254	E428 01
2,6W	90	304	E429 01
3W	105	354	E430 01
3,4W	120	404	E431 01
3,8W	135	454	E432 01
4,3W	150	504	E433 01
4,7W	165	554	E434 01
5,1W	180	604	E435 01
5,5W	195	654	E436 01
6W	210	704	E437 01
6,4W	225	754	E438 01
6,8W	240	804	E439 01
7,2W	255	854	E440 01
7,7W	270	904	E441 01
8,1W	285	954	E442 01
8,5W	300	1004	E443 01
17W	600	2004	E444 01
25,5W	900	3004	E445 01
34W	1200	4004	E446 01
42,5W	1500	5004	E447 01
59,5W	2100	7004	E448 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
4500K - 24Vdc			
LED			
4500K - CRI 80 - PWM			
2,1W	82,5	254	E449 01
2,6W	99	304	E450 01
3W	115,5	354	E451 01
3,4W	132	404	E452 01
3,8W	148,5	454	E453 01
4,3W	165	504	E454 01
4,7W	181,5	554	E455 01
5,1W	198	604	E456 01
5,5W	214,5	654	E457 01
6W	231	704	E458 01
6,4W	247,5	754	E459 01
6,8W	264	804	E460 01
7,2W	280,5	854	E461 01
7,7W	297	904	E462 01
8,1W	313,5	954	E463 01
8,5W	330	1004	E464 01
17W	660	2004	E465 01
25,5W	990	3004	E466 01
34W	1320	4004	E467 01
42,5W	1650	5004	E468 01
59,5W	2310	7004	E469 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

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Data refer to the luminous flux emitted by the system.
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Top Bend 16



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W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - PWM			
2,2W	29	254	E470 01
2,6W	34,8	304	E471 01
3,1W	40,6	354	E472 01
3,5W	46,4	404	E473 01
4W	52,2	454	E474 01
4,4W	58	504	E475 01
4,8W	63,8	554	E476 01
5,3W	69,6	604	E477 01
5,7W	75,4	654	E478 01
6,2W	81,2	704	E479 01
6,6W	87	754	E480 01
7W	92,8	804	E481 01
7,5W	98,6	854	E482 01
7,9W	104,4	904	E483 01
8,4W	110,2	954	E484 01
8,8W	116	1004	E485 01
17,6W	232	2004	E486 01
26,4W	348	3004	E487 01
35,2W	464	4004	E488 01
44W	580	5004	E489 01
61,6W	812	7004	E490 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
Tunable white 2500K÷4500K - 24Vdc			
LED			
Tunable white - PWM			
2,3W	88,9	254	EA92 01
2,7W	106,7	304	EA93 01
3,2W	124,5	354	EA94 01
3,7W	142,3	404	EA95 01
4,1W	160,1	454	EA96 01
4,6W	177,8	504	EA97 01
5W	195,6	554	EA98 01
5,5W	213,4	604	EA99 01
5,9W	231,2	654	EB00 01
6,4W	249	704	EB01 01
6,9W	266,8	754	EB02 01
7,3W	284,5	804	EB03 01
7,8W	302,3	854	EB04 01
8,2W	320,1	904	EB05 01
8,7W	337,9	954	EB06 01
9,1W	355,7	1004	EB07 01
18W	711,4	2004	EB08 01
27W	1067	3004	EB09 01
37W	1422,7	4004	EB10 01
46W	1778,4	5004	EB11 01
64W	2489,8	7004	EB12 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
2600K - 24Vdc - High output			
LED			
2600K - CRI 80 - PWM			
2,9W	159,9	254	EB13 01
3,5W	191,8	304	EB14 01
4,1W	223,8	354	EB15 01
4,6W	255,8	404	EB16 01
5,2W	287,7	454	EB17 01
5,8W	319,7	504	EB18 01
6,4W	351,7	554	EB19 01
6,9W	383,6	604	EB20 01
7,5W	415,6	654	EB21 01
8,1W	447,6	704	EB22 01
8,7W	479,6	754	EB23 01
9,3W	511,5	804	EB24 01
9,8W	543,5	854	EB25 01
10W	575,5	904	EB26 01
11W	607,4	954	EB27 01
12W	639,4	1004	EB28 01
23W	1278,8	2004	EB29 01
35W	1918,2	3004	EB30 01
46W	2557,6	4004	EB31 01
58W	3197	5004	EB32 01
81W	4475,8	7004	EB33 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
2800K - 24Vdc - High output			
LED			
2800K - CRI 80 - PWM			
2,9W	162	254	EB34 01
3,5W	194,4	304	EB35 01
4,1W	226,8	354	EB36 01
4,6W	259,2	404	EB37 01
5,2W	291,6	454	EB38 01
5,8W	324	504	EB39 01
6,4W	356,4	554	EB40 01
6,9W	388,8	604	EB41 01
7,5W	421,2	654	EB42 01
8,1W	453,6	704	EB43 01
8,7W	486	754	EB44 01
9,3W	518,4	804	EB45 01
9,8W	550,8	854	EB46 01
10W	583,2	904	EB47 01
11W	615,6	954	EB48 01
12W	648	1004	EB49 01
23W	1296	2004	EB50 01
35W	1944	3004	EB51 01
46W	2592	4004	EB52 01
58W	3240	5004	EB53 01
81W	4536	7004	EB54 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



01
WHITE

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W	lm	length	code colour
3600K - 24Vdc - High output			
LED			
3600K - CRI 80 - PWM			
2,9W	162,5	254	EB55 01
3,5W	195	304	EB56 01
4,1W	227,5	354	EB57 01
4,6W	260	404	EB58 01
5,2W	292,5	454	EB59 01
5,8W	325,1	504	EB60 01
6,4W	357,6	554	EB61 01
6,9W	390,1	604	EB62 01
7,5W	422,6	654	EB63 01
8,1W	455,1	704	EB64 01
8,7W	487,6	754	EB65 01
9,3W	520,1	804	EB66 01
9,8W	552,6	854	EB67 01
10W	585,1	904	EB68 01
11W	617,6	954	EB69 01
12W	650,1	1004	EB70 01
23W	1300,2	2004	EB71 01
35W	1950,3	3004	EB72 01
46W	2600,4	4004	EB73 01
58W	3250,5	5004	EB74 01
81W	4550,7	7004	EB75 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.



W	lm	length	code colour
4400K - 24Vdc - High output			
LED			
4400K - CRI 80 - PWM			
2,9W	167,5	254	EB76 01
3,5W	201	304	EB77 01
4,1W	234,5	354	EB78 01
4,6W	268	404	EB79 01
5,2W	301,5	454	EB80 01
5,8W	335,1	504	EB81 01
6,4W	368,6	554	EB82 01
6,9W	402,1	604	EB83 01
7,5W	435,6	654	EB84 01
8,1W	469,1	704	EB85 01
8,7W	502,6	754	EB86 01
9,3W	536,1	804	EB87 01
9,8W	569,6	854	EB88 01
10W	603,1	904	EB89 01
11W	636,6	954	EB90 01
12W	670,1	1004	EB91 01
23W	1340,2	2004	EB92 01
35W	2010,3	3004	EB93 01
46W	2680,4	4004	EB94 01
58W	3350,5	5004	EB95 01
81W	4690,7	7004	EB96 01

24Vdc power supply to be ordered separately.
The luminous flux [lm] and the colour temperature [K] are expressed in real values.

Underscore InOut can be connected in sequence up to a maximum of L=7004 mm. Depending on the type of power supply, Underscore connections can be made in parallel, each with a maximum length of L = 7004 mm; they can also be installed in a continuous row (see instruction sheet).



Youngstorget - Oslo, Norway
Photo: Tomasz Majewski

Class III products: performances are assured only when using the electronic power supplies and drivers indicated in the catalogue.

Data refer to the luminous flux emitted by the system.
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates.

Underscore InOut

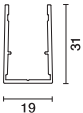
Top Bend 16

profiles and clip



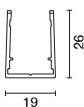
length	code colour
High linear profile	
Module	
1000	X129 12
2000	X130 12

With seating for hidden connector.
For all lengths (cut to size).
Allows the connector to be hidden in the lower part of the profile.



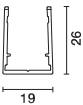
length	code colour
Low linear profile	
Module	
250	X133 12
500	X134 12
1000	X135 12
2000	X136 12

With 2 slots for the side exit of the connectors



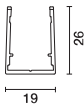
length	code colour
Intermediate low linear profile	
Module	
998	X138 12
1790	X139 12
1998	X140 12

Without slots
To be ordered with the end profiles
(refer to the instructions sheet)



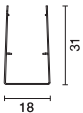
length	code colour
Pair of low end linear profiles	
Module	
104	X137 12

With 1 slot for the side exit of the connector.
To be ordered with the intermediate profiles (refer to the instructions sheet)



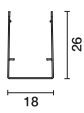
length	code colour
Stainless steel high support clip	
Module	
40	X131 13

With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.



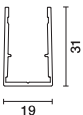
length	code colour
Stainless steel low support clip	
Module	
40	X141 13

For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



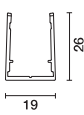
length	code colour
Anodised aluminium high support clip	
Module	
40	X132 12

With seating for hidden connector.
Allows the connector to be hidden in the lower part of the stainless steel clip.
Designed for curved sections.



length	code colour
Anodised aluminium low support clip	
Module	
40	X142 12

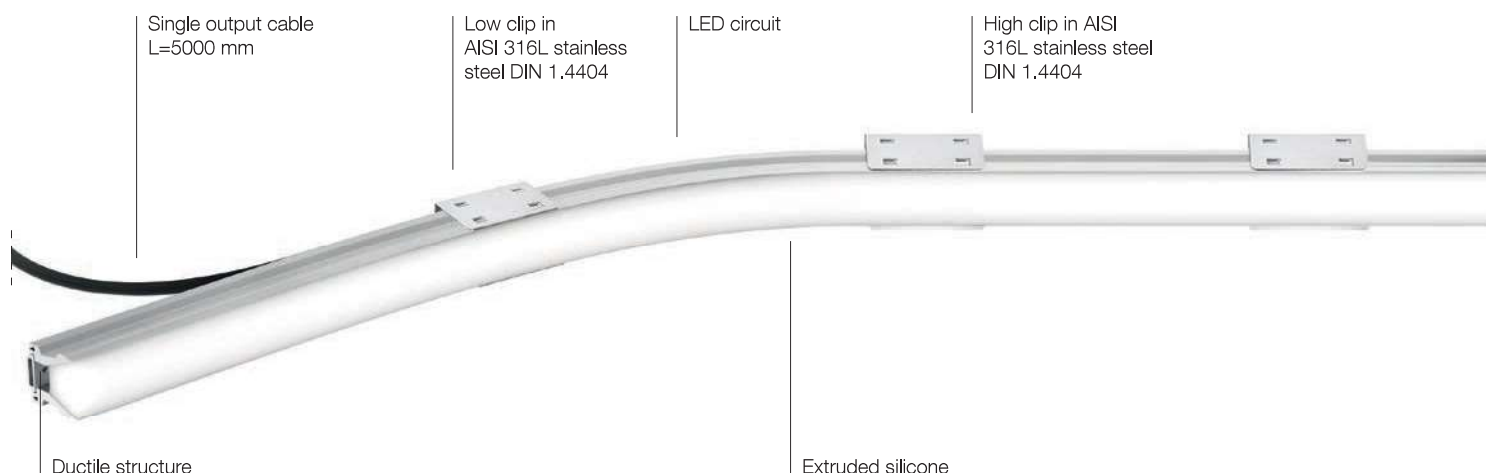
For products with the side exit of the connectors.
Connector passage in the side part of the clip.
Designed for curved sections.



Control gear	code	colour	Control gear	code	colour	Power supply	code	colour
 IP67 box for power supply			 2-way junction connector - IP68	X188 00	possible connection of max. 2 outgoing cables with connectors	 Constant current power supply unit non dimmable IP67 320W		
dim. 140x230x95h (6PG)	9582 00	Unfit for power supplies 9912-BZK1-MWK4-MWK5	 4-way junction connector - IP68	X189 00	possible connection of max. 6 outgoing cables with connectors	VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 13.34A dimensions:252x90x43,8	X187 00	
dim. 280x190x130h (10PG)	BZ33 00		 Cap kit for IP68 connectors 10 units With anti-detachment band			 Constant current power supply unit IP20 96W		
 Cable with female connector IP68 for versions with LED tunable white			Female	X181 04		VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22	MZ14 00	
L=115	X288 04		male	X180 04		 Constant current power supply unit DALI IP20 100W		
L=1500	X289 04		Interfaces & remote units	code	colour	VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4.16A dimensions: 295x43x30	MZ15 00	
L=3000	X290 04		 4-channel LED Driver with DALI-DMX 720W controller			 Constant current power supply unit non dimmable track DIN 120W		
L=5000	X291 04		VIN=12÷48Vdc VOUT=5-12-24-48V	9639 00		VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125	BZK0 00	
 Cable with female connector for monochromatic LEDs IP68 With anti-detachment locknut			 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3 00		 Constant current power supply unit non dimmable track DIN 240W		
L=115	X168 04		Power supply	code	colour	VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125	9912 00	
L=1500	X169 04		 Electronic constant tension power supply 50W 24V			 Constant current power supply unit non dimmable track DIN 10W		
L=3000	X170 04		Iout=2A dim. 225x60x36h	MWK4 00		VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0.4A dimensions: 18x68x93	9908 00	
L=5000	X171 04		 Electronic constant tension power supply 70W 24V			 Constant current power supply unit non dimmable track DIN 24W		
 Cable with female connector for RGB IP68 With anti-detachment locknut			IOUT=2,9A dim. 225x60x36h	MWK5 00		VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94	9909 00	
L=115	X174 04		 Constant current power supply unit non dimmable IP67 40W			 Constant current power supply unit non dimmable track DIN 72W		
L=1500	X175 04		VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 1.67A dimensions:171x61,5x36,8	X182 00		VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94	9910 00	
L=3000	X176 04		 Constant current power supply unit non dimmable IP67 80W			 Constant current power supply unit non dimmable track DIN 96W		
L=5000	X177 04		VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions:195,6x61,5x38,8	X183 00		VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105	9911 00	
 Cable with male connector IP68 for versions with LED tunable white			 Constant current power supply unit non dimmable IP67 120W			 Constant current power supply unit non dimmable track DIN 480W		
L=1500	X292 04		VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions:220x68x38,8	X184 00		VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125	BZK1 00	
L=1500	X293 04		 Constant current power supply unit non dimmable IP67 185W					
 Cable with male connector for monochromatic LEDs IP68 With anti-detachment locknut			VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions:228x68x38,8	X185 00				
L=115	X172 04		 Constant current power supply unit non dimmable IP67 240W					
L=1500	X173 04		VIN =90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions:244,2x90x43,8	X186 00				
 Cable with male connector for RGB IP68 With anti-detachment locknut								
L=115	X178 04							
L=1500	X179 04							

Underscore InOut

Top Bend 16 - Dive



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DALI

DMX



IP68

IK10



- Linear luminaire with monochromatic (2900K-4500K), RGB or Tunable White LEDs for installation in fountains and areas around swimming pools (not indoors).
- Surface mount installation using AISI 316 stainless steel clips.
- Based on a flexible white 24Vdc circuit, with 6 lengths available: 254/504/1004/2004/3004/7004 mm
- The PWM LED circuit is fully IP68

encapsulated with a very high performance white (external) and opal (emitting surface) polymer sheath: the material allows for use and installation at a maximum temperature of 45 °C in air and 25 °C in water.

- The water must have a pH value between 7 and 8.
- Uniform lighting without visible points is assured along the entire profile of the strip as far as the

terminal parts.

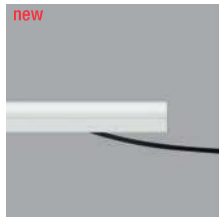
- Complete with a single output cable L=5000
- Complete with stainless steel wires to limit plastic deformation of the body that may otherwise damage the LED circuit.
- Resistant to seawater testing in accordance with EN60598-2-18, UV and solvents.
- IK10 impact resistance
- Contact temperature <40°.

Installation limits with clips

Immersion installation with clips is not permitted:

- in areas where direct contact with people or animals is possible;
- inside swimming pools (allowed only in surrounding areas);
- on pedestrian or vehicular surfaces.





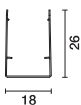
W	lm	length	code colour
2900K - 24Vdc			
LED			
2900K - CRI 80 - PWM			
2,1W	68,8	254	EM92 01
4,3W	137,5	504	EM93 01
8,5W	275	1004	EM94 01
17W	550	2004	EM95 01
25,5W	825	3004	EM96 01
42,5W	1375	5004	EM97 01
24Vdc power supply to be ordered separately. The luminous flux [lm] and the colour temperature [K] are expressed in real values.			
4500K - 24Vdc			
LED			
4500K - CRI 80 - PWM			
2,1W	82,5	254	EM98 01
4,3W	165	504	EM99 01
8,5W	330	1004	EN00 01
17W	660	2004	EN01 01
25,5W	990	3004	EN02 01
42,5W	1650	5004	EN03 01
24Vdc power supply to be ordered separately. The luminous flux [lm] and the colour temperature [K] are expressed in real values.			



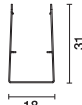
W	lm	length	code colour
RGB - 24Vdc			
LED			
RGB - CRI 80 - PWM			
2,2W	29	254	EN04 01
4,4W	58	504	EN05 01
8,8W	116	1004	EN06 01
17,6W	232	2004	EN07 01
26,4W	348	3004	EN08 01
44W	580	5004	EN09 01
24Vdc power supply to be ordered separately. The luminous flux [lm] and the colour temperature [K] are expressed in real values.			
Tunable white 2500K÷4500K - 24Vdc			
LED			
Tunable white - PWM			
2,3W	88,9	254	EN10 01
4,6W	177,8	504	EN11 01
9,1W	355,7	1004	EN12 01
18W	711	2004	EN13 01
27W	1067	3004	EN14 01
46W	1778	5004	EN15 01
24Vdc power supply to be ordered separately. The luminous flux [lm] and the colour temperature [K] are expressed in real values.			



length	code colour
Stainless steel low support clip	
Module	
40	X141 13
For products with the side exit of the connectors. Connector passage in the side part of the clip. Designed for curved sections.	



length	code colour
Stainless steel high support clip	
Module	
40	X131 13
With seating for hidden connector. Allows the connector to be hidden in the lower part of the stainless steel clip. Designed for curved sections.	



Underscore InOut

Top Bend 16 - Dive

Control gear	code	colour
 IP67 box for power supply dim. 140x230x95h (6PG)	9582	00
Unfit for power supplies 9912-BZK1-MWK4-MWK5		
dim. 280x190x130h (10PG)	BZ33	00
 2-way junction connector - IP68	X188	00
possible connection of max. 2 outgoing cables with connectors		
 4-way junction connector - IP68	X189	00
possible connection of max. 6 outgoing cables with connectors		

Interfaces & remote units	code	colour
 4-channel LED Driver with DALI-DMX 720W controller		
VIN=12÷48Vdc VOUT=5-12-24-48V	9639	00
 PWM interface with DALI monochromatic LED dimmer 120W 24Vdc	MWP3	00

Power supply	code	colour
 Electronic constant tension power supply 50W 24V		
Iout=2A dim. 225x60x36h	MWK4	00
 Electronic constant tension power supply 70W 24V		
IOUT=2,9A dim. 225x60x36h	MWK5	00
 Constant current power supply unit non dimmable IP67 40W	X182	00
VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 1,67A dimensions: 171x61,5x36,8		

Power supply	code	colour
 Constant current power supply unit non dimmable IP67 80W	X183	00
VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 3,4A dimensions: 195,6x61,5x38,8		
 Constant current power supply unit non dimmable IP67 120W	X184	00
VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 220x68x38,8		
 Constant current power supply unit non dimmable IP67 185W	X185	00
VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 7,8A dimensions: 228x68x38,8		
 Constant current power supply unit non dimmable IP67 240W	X186	00
VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 244,2x90x43,8		
 Constant current power supply unit non dimmable IP67 320W	X187	00
VIN = 90-305VAC 50/60Hz Vout = 24V IMAX = 13,34A dimensions: 252x90x43,8		
 Constant current power supply unit DALI IP20 100W	MZ15	00
VIN = 220-240VAC 50/60Hz Vout = 24VDC IMAX = 4,16A dimensions: 295x43x30		
 Constant current power supply unit IP20 96W	MZ14	00
VIN = 120-277VAC 50/60Hz Vout = 24VDC IMAX = 4A dimensions: 300x40x22		

Power supply	code	colour
 Constant current power supply unit non dimmable track DIN 120W	BZK0	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 5A dimensions: 40x114x125		
 Constant current power supply unit non dimmable track DIN 240W	9912	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 10A dimensions: 63x114x125		
 Constant current power supply unit non dimmable track DIN 10W	9908	00
VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 0,4A dimensions: 18x68x93		
 Constant current power supply unit non dimmable track DIN 24W	9909	00
VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 1A dimensions: 35x68x94		
 Constant current power supply unit non dimmable track DIN 72W	9910	00
VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 3A dimensions: 70x68x94		
 Constant current power supply unit non dimmable track DIN 96W	9911	00
VIN = 220-240VAC 50/60Hz Vout = 24V IMAX = 4A dimensions: 93x66x105		
 Constant current power supply unit non dimmable track DIN 480W	BZK1	00
VIN = 90-240VAC 50/60Hz Vout = 24V IMAX = 20A dimensions: 86x129x125		

