

Area: Outdoor / Indoor Luminaires



Category: Grazer / Linear lighting / Wall washers



Mounting: Surface Fixed Mounting
(surface ground, surface ceiling, surface wall)/

Universal Adjustable Mounting
(wall side up, wall side down, wall ceiling, ceiling, wall, top)

Venta is a linear lighting system that can be implemented as both standalone luminaires and as continuous lines of light. It is perfect for decorative lighting, as wall grazer or a wall washer for outlining architectural elements. A plethora of luminaire and mounting options makes Venta an exceptionally versatile lighting solution.

Unrivalled range of light sources – static white, tunable white, dual tunable white, RGB, RGB+W – available for use with Venta luminaires and can achieve up to 2600 lm/m light output and up to 19 W/m luminaire power. White, grey and black powder coat finishes as standard.

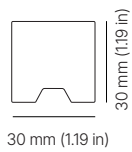
TECHNICAL DATA

Housing	Powder coated extruded aluminum
LED lumen maintenance	L90B10 > 60.000 h
Fix rotation angle	Up to 200°
Housing color	● Black, ○ White, ● Grey, ● Custom
Control	Control sold separately; DALI, Casambi, 1- 10V, Phase Cut

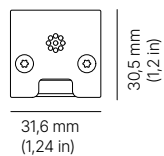


DIMENSIONS

VENTA INDOOR

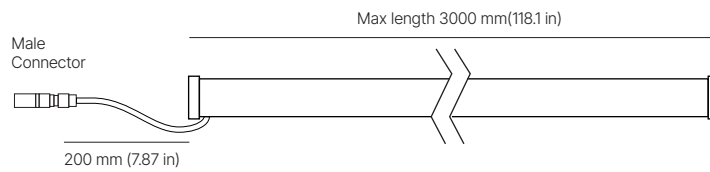


VENTA OUTDOOR



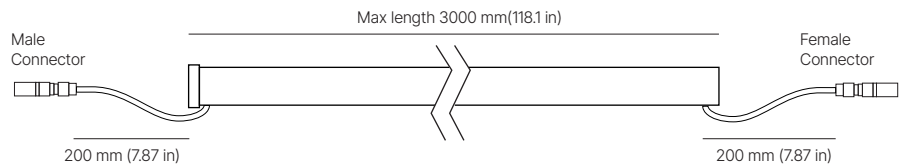
LUMINAIRE

One cable, two endcaps



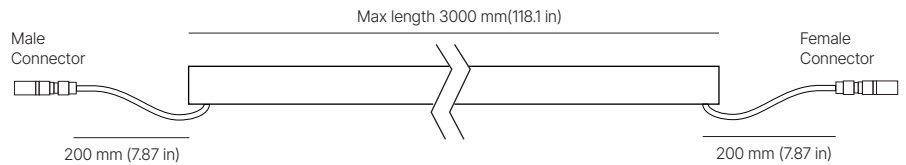
START (for outdoor EOP.FULLY only)

Two cables, endcap at the start



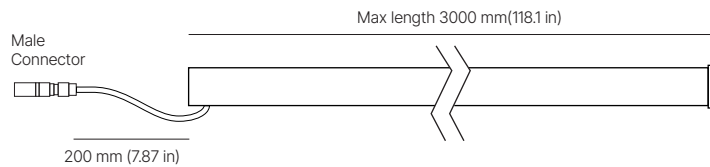
MIDDLE (for outdoor EOP.FULLY only)

Two cables, no endcaps



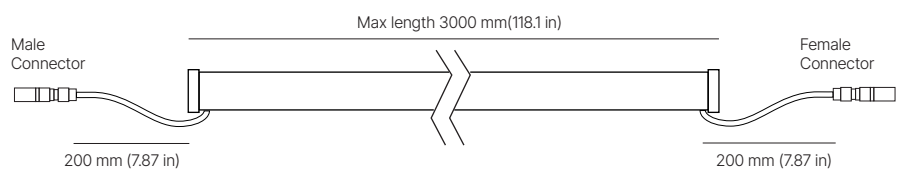
END (for outdoor EOP.FULLY only)

One cable, endcap at the end



FULL MODULE

Two cables, two endcaps



Final length of the luminaire calculated:

$$L = C \times N + 10\text{mm (0.39 in);}$$

L = Luminaire length

C = Cutting Step

White 24V: 125 mm (4.9 in)

White 48V: 250mm (9.8 in)

TW: 125m (4.9 in)

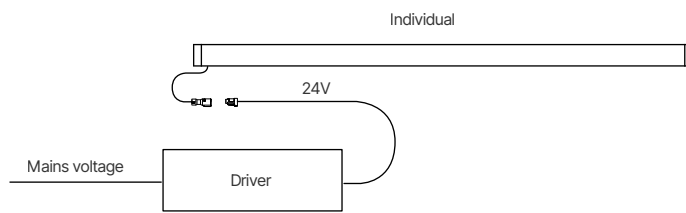
RGB: 125mm (4.9 in)

N = Quantity Of Segments. $2 < N < 72$;

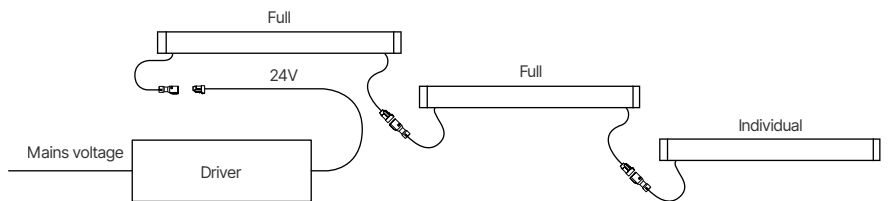
Note: Length tolerance $\pm 3\text{mm/m (0.11 in)}$

CONNECTION TYPES

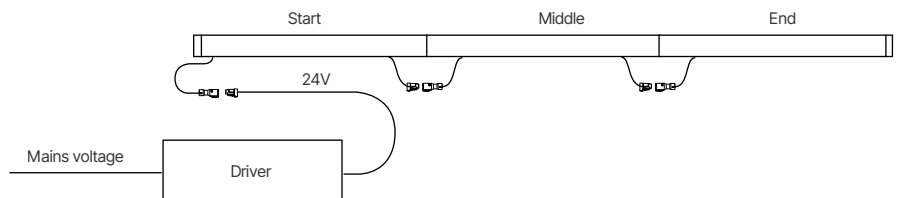
INDIVIDUAL module



FULL module



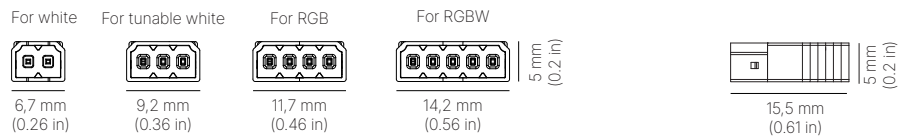
CONTINUOUS LINE module (for OUTDOOR OPAL ONLY)



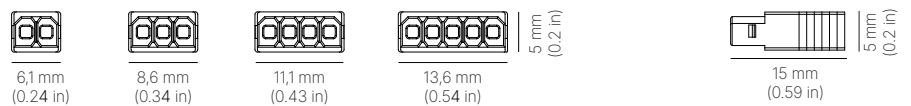
CONNECTORS & WIRES

INDOOR

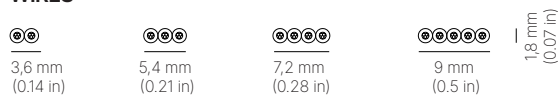
PIX - MALE CONNECTORS



PIX - FEMALE CONNECTORS

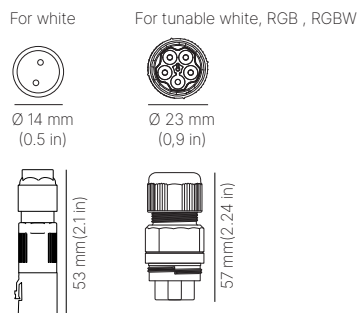


WIRES

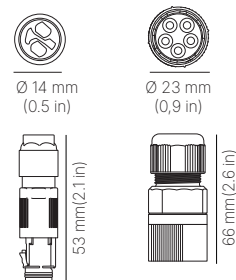


OUTDOOR

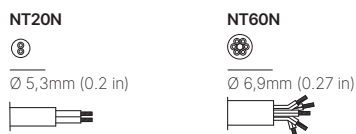
TIX - MALE CONNECTORS



TIX - FEMALE CONNECTORS



WIRES



WIRE LENGTHS AVAILABLE

CODE	L30	L200	L1000	L2000	L10000
LENGHT	30mm	200mm	1000mm	2000mm	10000mm
	0ft 1in	7.8 in	3ft 3in	6ft 6in	32ft 10in

LUMENS

White FL-112

SPECTRUM	CRI	lm/m (lm/ft)	POWER					
			4.8W/m (1.46W/ft)	9.6W/m (2.9W/ft)	14.4W/m (4.38W/ft)	19.2W/m (5.84W/ft)	24 W/m (7.3W/ft)	33.6 W/m (10.2W/ft)
820/822/825/827/830/835/840/850/865	CRI 80+	lm/m (lm/ft)	490-761 (149-231)	1002-1508 (305-459)	1516-2242 (461-682)	2021-2963 (615-902)	2509-3670 (763-1117)	3436-5048 (1046-1537)
920/922/925/T927/T930/T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	425-741 (129-225)	840-1470 (255-447)	1244-2188 (378-666)	1637-2893 (498-880)	2020-3586 (615-1091)	2755-4938 (838-1503)
027/030/035/040/050	CRI 95+	lm/m (lm/ft)	491-554 (149-168)	973-1101 (296-335)	1443-1637 (439-498)	1900-2159 (578-657)	2345-2667 (714-812)	3199-3645 (974-1109)
EFFICACY (lm/W)			164	163	161	160	159	156

Tunable White TW56

SPECTRUM	CRI	lm/m (lm/ft)	POWER		
			9.6W/m (2.9W/ft)	19.2W/m (5.8W/ft)	33.4W/m (10.2W/ft)
820/822/825/827/830/835/840/850/865	CRI 80+	lm/m (lm/ft)	1255-1448 (382-440)	2491-2880 (758-876)	4219-4877 (1284-1485)
920/922/925/T927/T930/T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	1084-1272 (330-387)	2124-2498 (646-760)	3565-4194 (1085-1277)
EFFICACY (lm/W)			154	153	149

RGB 48

SPECTRUM	CRI	lm/m (lm/ft)	POWER	
			7.2W/m (2.2W/ft)	11.52W/m (3.5W/ft)
EFFICACY (lm/W)			44	42

RGB 96

SPECTRUM	CRI	lm/m (lm/ft)	POWER	
			14.4W/m (4.38W/ft)	23W/m (7W/ft)
EFFICACY (lm/W)			42	42

RGBW

SPECTRUM	CRI	lm/m (lm/ft)	POWER		
			14.4W/m (4.38W/ft)	19.2W/m (5.84W/ft)	24W/m (7.3W/ft)
820/822/825/827/830/835/840/850/865	CRI 80+	lm/m (lm/ft)	769-937(234-285)	1173-1503(357-457)	1596-2113(485-643)
920/922/925/T927/T930/T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	721-924 (219-281)	1047-1478 (318-450)	1378-2075(419-631)
027/030/035/040/050	CRI 95+	lm/m (lm/ft)	764-805 (232-245)	1138-1226 (346-373)	1522-1665 (463-506)
EFFICACY (lm/W)			59	70	77

TECHNICAL SPECIFICATIONS

SERTIFICATIONS



UL approved



Made in Europe



L90B10
60.000 hours



CE compliant



5- year warranty



NICHIA LEDs



KEY BENEFITS



IP67



Stabilized current design



Wide 2000K-6500K white color range



Thermal resistance:
-25° – +50°



Control sold separately;
DALI, Casambi,
1- 10V, Phase Cut



24V DC
voltage input



3-step
MacAdam LEDs



Beam angle: 14°Lens,
14°Lens+UGR,
30°Lense+Louvre,
30° Lense,
Microprism, Opal



Available in any 0.5-3m length



CRI 90+tri
CRI 95+



External driver



Continuous line light
effect without dark spots



Customization for
your project



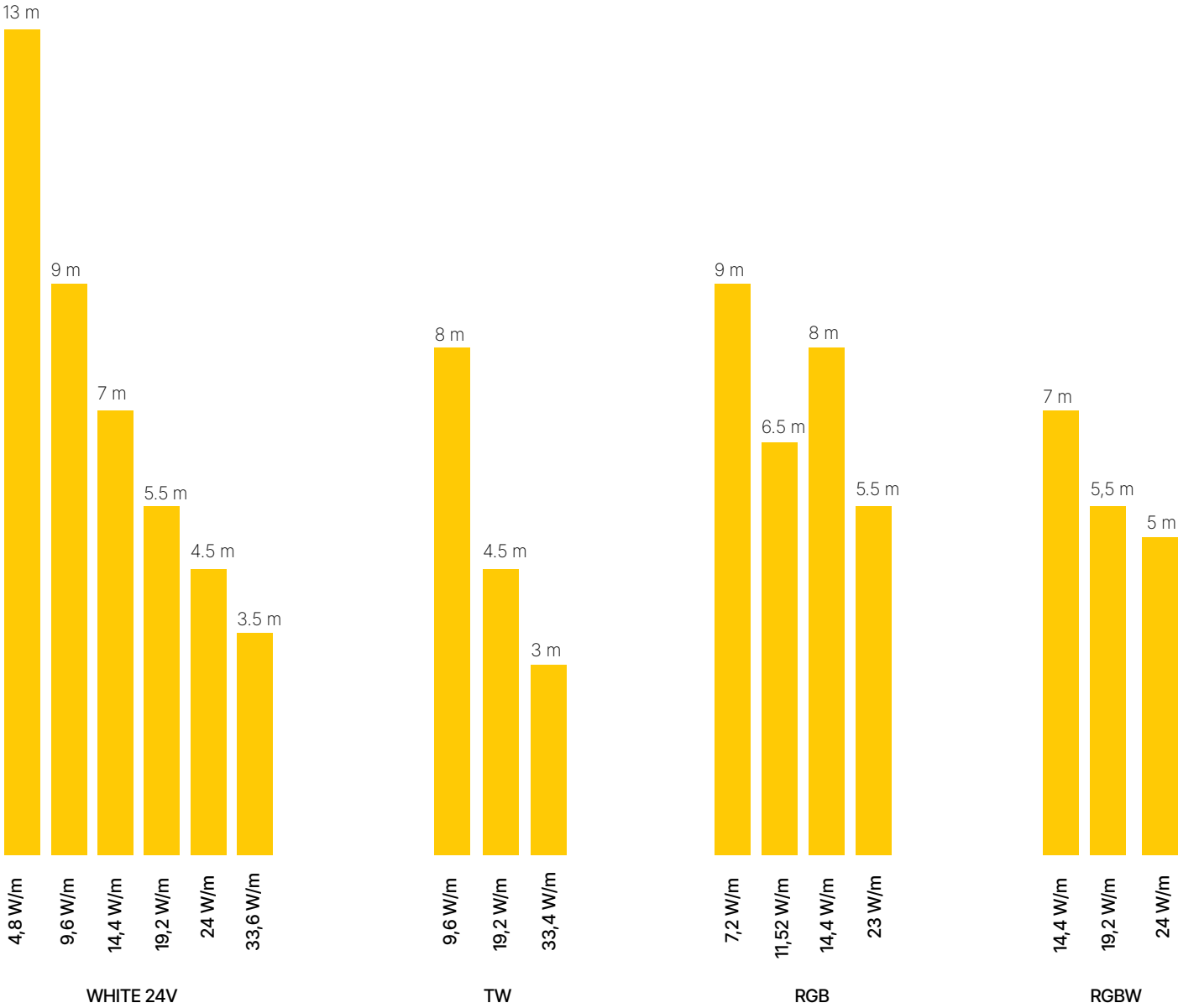
Reverse voltage
protection



UV, salt &
solvent resistant

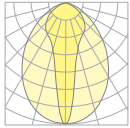
MAX RUN

Possible max length connected to driver from single side.

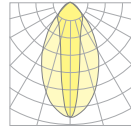


OPTICS INDOOR

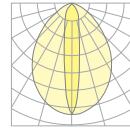
14°
LOR 77.94%



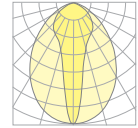
14° + UGR - H
LOR 39.55%



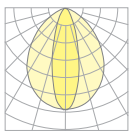
14° + UGR - V
LOR 38.40%



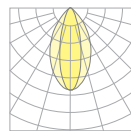
Prism
LOR 81.91%



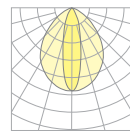
30°
LOR 84.25%



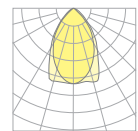
30° + UGR - H
LOR 51.88%



30° + UGR - V
LOR 45.72%

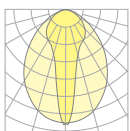


Prism + UGR - V
LOR 40.42%

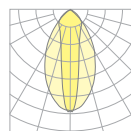


OPTICS OUTDOOR

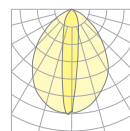
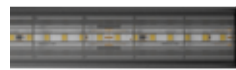
14°
LOR 79.37%



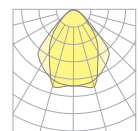
14° + UGR - H
LOR 39.15%



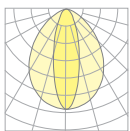
14° + UGR - V
LOR 38.63%



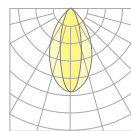
Prism
LOR 77.97%



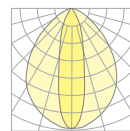
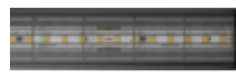
30°
LOR 82.82%



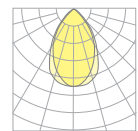
30° + UGR - H
LOR 50.84%



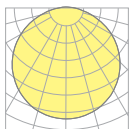
30° + UGR - V
LOR 45.72%



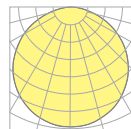
Prism + UGR - V
LOR 41.82%



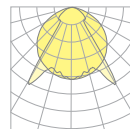
Opal
LOR 58.45%



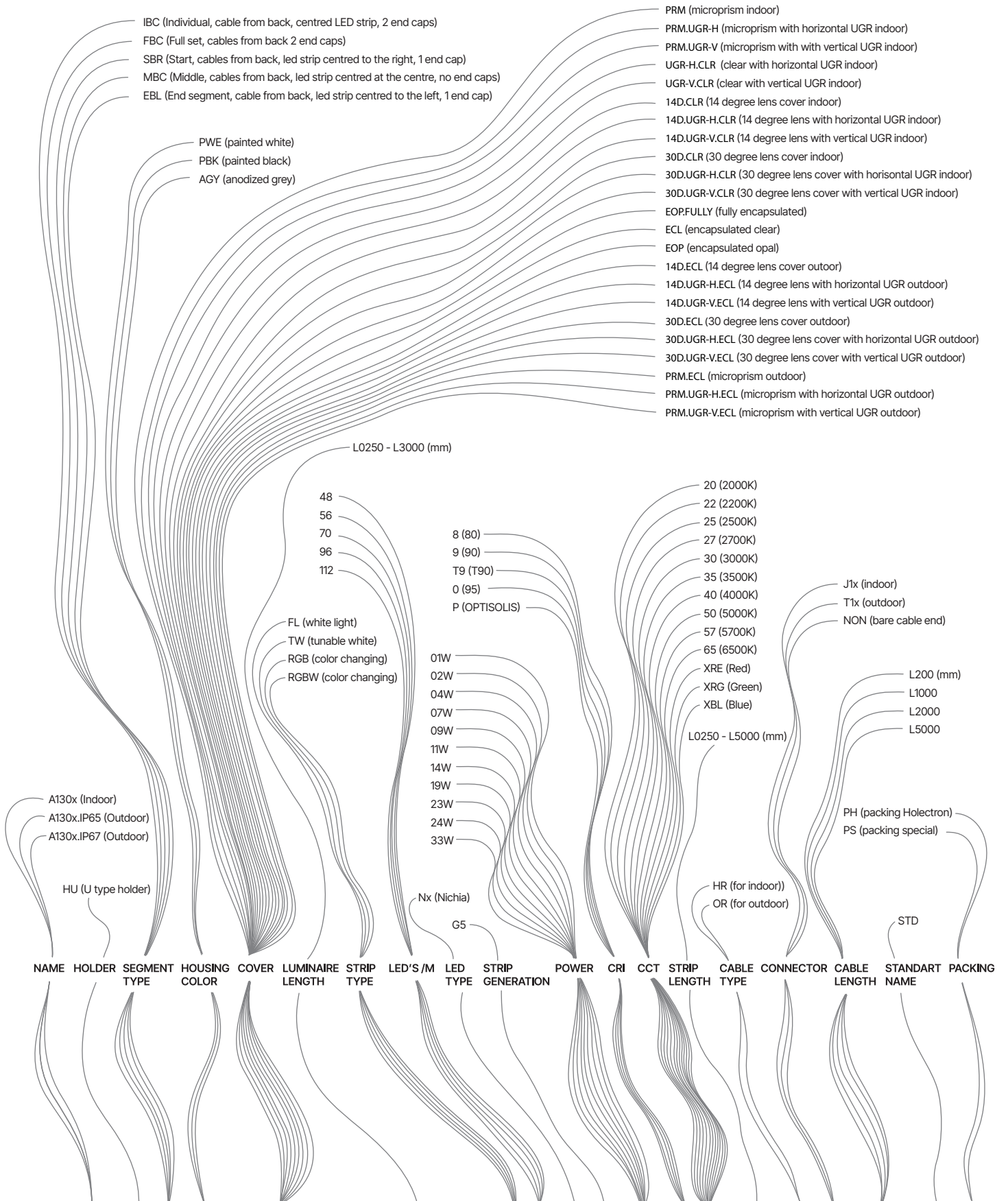
Opal (Full)
LOR 58.18%



Clear
LOR 89.57%



ORDER CODE



A130x.HU IBC PWE 30D.UGR-V.CLR L1010(3'4'') /FL112/NX G5 33W T930 L1000 HR J1x L0200 STD PH

APPLICATIONS



SURFACE HOLDERS

FIXED MOUNTING



Surface Ground

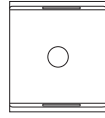


Surface Ceiling

CODE

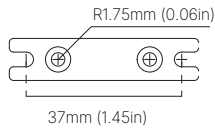
DESCRIPTION

PRG.A130X.F05



Surface Holder

PRG.A130x.F04



Surface Hidden Holder

ADJUSTABLE HOLDERS

UNIVERSAL ADJUSTABLE MOUNTING



Wall Bottom



Wall Top



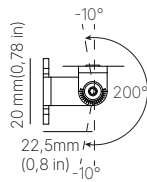
Ceiling

CODE

DESCRIPTION

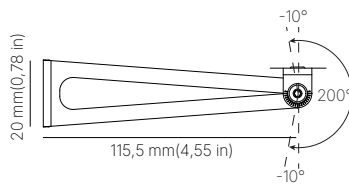
PRG.A130X.F01

Powder Coated Adjustable Holder



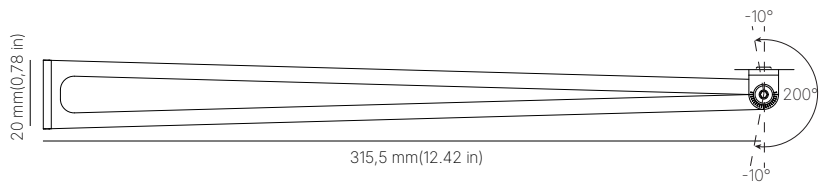
PRG.A130X.F02

Powder Coated Adjustable Holder



PRG.A130X.F03

Powder Coated Adjustable Holder



POWER SUPPLY - INDOOR

Item No: DRI.V24.ILS.FO.SE.00001
Description: Power supply 100W 120 - 227 VAC 5 - year warranty
Color: Static White
Voltage: 24V DC
Control: FO
Certification: CE, UL listed

POWER SUPPLY - OUTDOOR

Item No: DRI.V24.OCO.FO.TR.00030
Description: Power supply 96W 24V 90 - 305 VAC 5 - year warranty
Color: Static White
Voltage: 24V DC
Control: FO
Certification: CE, UL listed

MAX PRODUCT LENGTH

WHITE 24V

0.5mm ² (AWG 20)	4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)	14.4W/m (4.4W/ft)	19.2W/m (5.9W/ft)
Max cable length between luminaire and driver	Product max run			
1 m	12.5 m	8 m	6 m	4.5 m
2 m	12 m	7.5 m	6 m	4 m
3 m	11.5 m	7.5 m	5.5 m	3.5 m
5 m	11 m	7 m	5 m	3 m
10 m	8.5 m	5 m	3 m	0 m

1.5mm ² (AWG 16)				
Max cable length between luminaire and driver	Product max run			
1 m	12.5 m	8.5 m	4.5 m	4.5 m
2 m	12.5 m	8.5 m	4.5 m	4.5 m
3 m	12.5 m	8 m	4.5 m	4.5 m
5 m	12 m	8 m	4.5 m	4 m
10 m	11.5 m	7.5 m	4 m	3.5 m

24V TW2 112

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)	
1 m	8 m	5 m	
2 m	7.5 m	4.5 m	
3 m	7.5 m	4.5 m	
5 m	7 m	4 m	
10 m	5.5 m	2 m	

1.5mm ² (AWG 16)			
1 m	8 m	5 m	
2 m	8 m	5 m	
3 m	8 m	5 m	
5 m	8 m	5 m	
10 m	7.5 m	4.5 m	

24V TW 56 N5

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)	33.6W/m (10.2W/ft)
Max cable length between luminaire and driver	Product max run		
1 m	7.5 m	4.5 m	2.5 m
2 m	7 m	4 m	2.5 m
3 m	7 m	4 m	2.5 m
5 m	6.5 m	4 m	2.5 m
10 m	5.5 m	3.5 m	2 m

1.5mm ² (AWG 16)			
Max cable length between luminaire and driver	Product max run		
1 m	7.5 m	4.5 m	2.5 m
2 m	7.5 m	4 m	2.5 m
3 m	7.5 m	4 m	2.5 m
5 m	7.5 m	4 m	2.5 m
10 m	7 m	4 m	2.5 m

24V TW 70 N5

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)	33.6W/m (10.2W/ft)	45.6W/m (14.6W/ft)
1 m	7.5 m	4.5 m	2.5 m	1.5 m
2 m	7.5 m	4 m	2.5 m	1.5 m
3 m	7.5 m	4 m	2.5 m	1.5 m
5 m	7 m	4 m	2 m	1.5 m
10 m	6.5 m	3.5 m	1.5 m	1 m

1.5mm ² (AWG 16)				
1 m	7.5 m	4.5 m	2.5 m	1.5 m
2 m	7.5 m	4 m	2.5 m	1.5 m
3 m	7.5 m	4 m	2.5 m	1.5 m
5 m	7.5 m	4 m	2.5 m	1.5 m
10 m	7.5 m	4 m	2 m	1.5 m

MAX PRODUCT LENGTH

24V TW2 112

0.5mm ² (AWG 20)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)	33.6W/m (10.2W/ft)	48W/m (14.6W/ft)
1 m	8 m	8 m	3 m	2.5 m
2 m	7.5 m	7.5 m	3 m	2.5 m
3 m	7.5 m	7.5 m	3 m	2 m
5 m	7 m	7 m	2.5 m	2 m
10 m	5.5 m	5.5 m	2 m	1.5 m

1.5mm² (AWG 16)

1 m	8 m	5 m	3 m	2.5 m
2 m	8 m	5 m	3 m	2.5 m
3 m	8 m	5 m	3 m	2.5 m
5 m	8 m	5 m	3 m	2.5 m
10 m	7.5 m	4.5 m	2.5 m	2 m

24V 48 RGB

0.5mm ² (AWG 20)	7.2W/m (2.2W/ft)	11.5W/m (1.5W/ft)
1 m	8.5 m	5.5 m
2 m	8 m	5.5 m
3 m	8 m	5 m
5 m	7.5 m	4.5 m
10 m	7 m	3.5 m

1.5mm² (AWG 16)

1 m	8.5 m	5.5 m
2 m	8.5 m	5.5 m
3 m	8.5 m	5.5 m
5 m	8.5 m	5.5 m
10 m	8 m	5 m

24V 96 RGB

0.5mm ² (AWG 20)	11.5W/m (1.5W/ft)	14.4W/m (4.4W/ft)	23W/m (4.4W/ft)
1 m	9 m	7.5 m	4.5 m
2 m	8.5 m	7 m	4 m
3 m	8.5 m	7 m	3.5 m
5 m	8 m	6 m	2.5 m
10 m	5.5 m	3.5 m	0

1.5mm² (AWG 16)

1 m	9 m	7.5 m	4.5 m
2 m	9 m	7.5 m	4.5 m
3 m	9 m	7.5 m	4.5 m
5 m	8.5 m	7 m	4 m
10 m	8 m	6.5 m	3.5 m