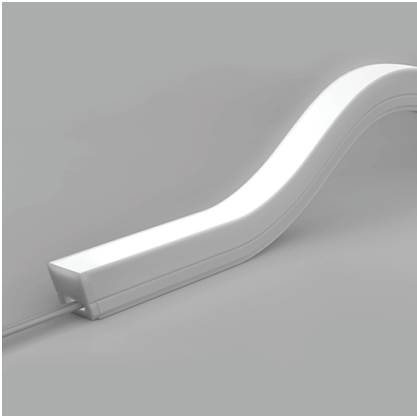




BEND TYPE: TOP



BEND TYPE: SIDE



Area: Outdoor / Indoor



Category: Flexible LED Lines



Mounting: Surface mounted

Suitable for lighting uneven outdoor surfaces such as coves, pillars and rounded edges, the Atlantis G2 is a flexible LED line that is versatile and robust. This LED line has been specially designed for professional decorative outdoor lighting applications. It has an IP67 rating for ingress protection and is protected against solid particles and water. The Atlantis G2 is salt and solvent-proof and fully UV resistant.

Identically-sized Top and Side versions allow for combinations of vertical and horizontal bends in a single line. The new Atlantis Flexible Holder is designed to provide stable support for our LED strip, especially when forming curves.

TECHNICAL DATA

Voltage	24 / 48 V	
Light output ratio (LOR)	59%	
TC temperature	<75° C	<167° F
Operating temperature	-25°C...+40°C	-13°F...104°F
Dimmable	YES	



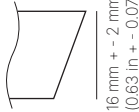
DIMENSIONS

FRONT VIEW



14 mm ± 1 mm
(0.55 in ± 0.04 in)

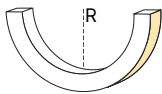
SIDE VIEW



16 mm ± 2 mm
(0.63 in ± 0.07 in)

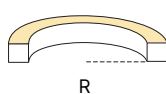
BEND RADIUS

TOP BEND



R = 15cm (5,9 in)

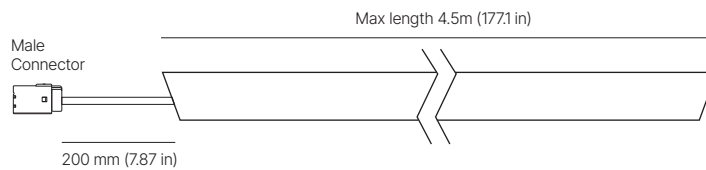
SIDE BEND



R = 15cm (5,9 in)

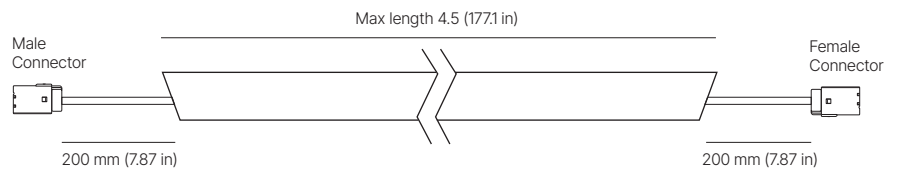
LUMINAIRE

One cable



FULL MODULE

Two cables



Final length of the luminaire calculated:

$$L = C \times N + 25\text{mm (0.98 in);}$$

L = Luminaire length

C = Cutting Step

White 24V: 62.5mm (2.46 in)

White 48V: 250mm (9.8 in)

TW: 125mm (4.9 in)

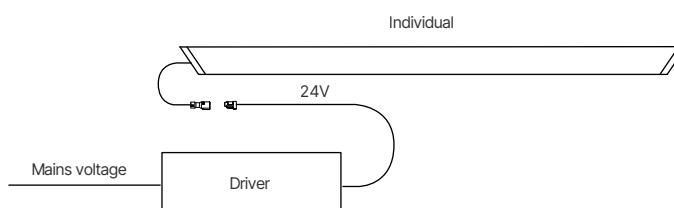
RGB: 125mm (4.9 in)

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

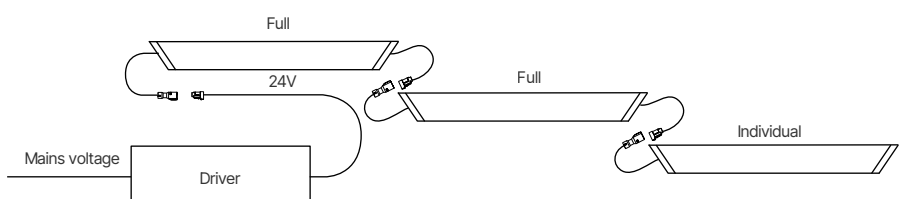
Note: Length tolerance ± 3mm/m (0.11 in)

CONNECTION TYPES

INDIVIDUAL module



FULL module



OUTDOOR CONNECTORS

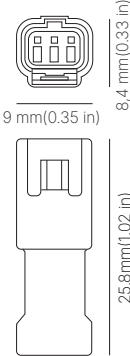
J1X MALE CONNECTORS

For white



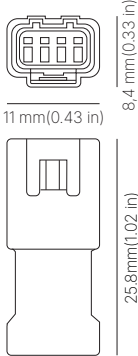
8,1 mm(0.31 in)
7 mm(0.27 in)
25.8mm(1.02 in)

For tunable white



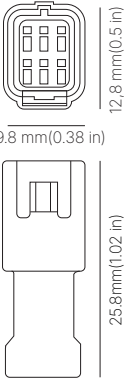
8,4 mm(0.33 in)
9 mm(0.35 in)
25.8mm(1.02 in)

For RGB



8,4 mm(0.33 in)
11 mm(0.43 in)
25.8mm(1.02 in)

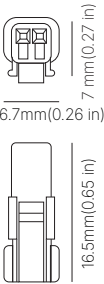
For RGBW



12,8 mm(0.5 in)
9.8 mm(0.38 in)
25.8mm(1.02 in)

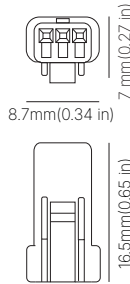
J1X FEMALE CONNECTORS

For white



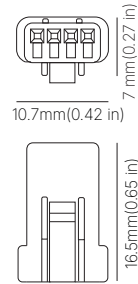
7 mm(0.27 in)
6.7mm(0.26 in)
16.5mm(0.65 in)

For tunable white



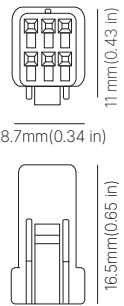
7 mm(0.27 in)
8.7mm(0.34 in)
16.5mm(0.65 in)

For RGB



7 mm(0.27 in)
10.7mm(0.42 in)
16.5mm(0.65 in)

For RGBW



11 mm(0.43 in)
8.7mm(0.34 in)
16.5mm(0.65 in)

WIRES



3,6 mm
(0.14 in)



5,4 mm
(0.21 in)



7,2 mm
(0.28 in)



9 mm
(0.5 in)



1,8 mm
(0.07 in)

WIRE LENGTHS AVAILABLE

CODE	L200	L1000	L2000	L3000	L5000
LENGHT	200mm	1000mm	2000mm	3000mm	5000mm
	7.8 in	3ft 3in	6ft 6in	9ft 10in	16ft 5in

LUMENS - ATLANTIS G2 TOP

WHITE 24V

SPECTRUM	CRI		POWER		
			4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)	14.4W/m (4.38W/ft)
820/822/825/827/830/835/840/850/865	CRI 80+	lm/m (lm/ft)	293-455 (89-139)	599-902 (170-275)	907-1341 (276-408)
920/922/925/T927/T930/T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	254-443 (77-135)	503-880 (153-268)	744-1309 (227-399)
EFFICACY (lm/W)			93	92	92

WHITE 48V

SPECTRUM	CRI		POWER	
			4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)
820/822/825/827/830/835/840/850/865	CRI 80+	lm/m (lm/ft)	293-455 (89-139)	599-902 (170-275)
920/922/925/T927/T930/T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	254-443 (77-135)	503-880 (153-268)
EFFICACY (lm/W)			93	92

TUNABLE

SPECTRUM	CRI		POWER	
			9.6W/m (2.9W/ft)	
Any combination within 820-865	CRI 80+	lm/m (lm/ft)	804 (245)	
EFFICACY			84lm/W	

RGB

	COLORS		POWER	
			7.2W/m (2.2W/ft)	11.52W/m (3.5W/ft)
	All Colors	lm/m (lm/ft)	183 (56)	287 (87)
EFFICACY			25lm/W	25lm/W

LUMENS - ATLANTIS G2 SIDE

WHITE 24V

SPECTRUM	CRI		POWER		
			4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)	14.4W/m (4.38W/ft)
820/822/825/827/830/835/840/850/865	CRI 80+	lm/m (lm/ft)	269-417 (82-126)	549-827 (167-252)	831-1229 (253-374)
920/922/925/T927/T930/T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	233-406 (71-124)	460-806 (140-245)	682-1199 (208-365)
EFFICACY (lm/W)			86	86	85

WHITE 48V

SPECTRUM	CRI		POWER	
			4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)
820/822/825/827/830/835/840/850/865	CRI 80+	lm/m (lm/ft)	269-417 (82-126)	549-827 (167-252)
920/922/925/T927/T930/T935/T940/T950/T965	CRI 90+tri	lm/m (lm/ft)	233-406 (71-124)	460-806 (140-245)
EFFICACY (lm/W)			86	86

TUNABLE

SPECTRUM	CRI		POWER	
			9.6W/m (2.9W/ft)	
Any combination within 820-865	CRI 80+	lm/m (lm/ft)	736 (224)	
EFFICACY			77lm/W	

RGB

	COLORS		POWER	
			7.2W/m (2.2W/ft)	11.52W/m (3.5W/ft)
	All Colors	lm/m (lm/ft)	173 (53)	263 (80)
EFFICACY			24lm/W	23lm/W

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 2200K-6500K white color range



Thermal resistance:
-25° – +40°



Fixed output, DALI or 0-10V dimmable



48V DC & 24V DC voltage input



3-step MacAdam LEDs



Beam angle: 115° Opal



Max length 4.5m (177.1 in)



CRI 80+
CRI 90+



External driver



Continuous line light effect without dark spots



Customization for your project



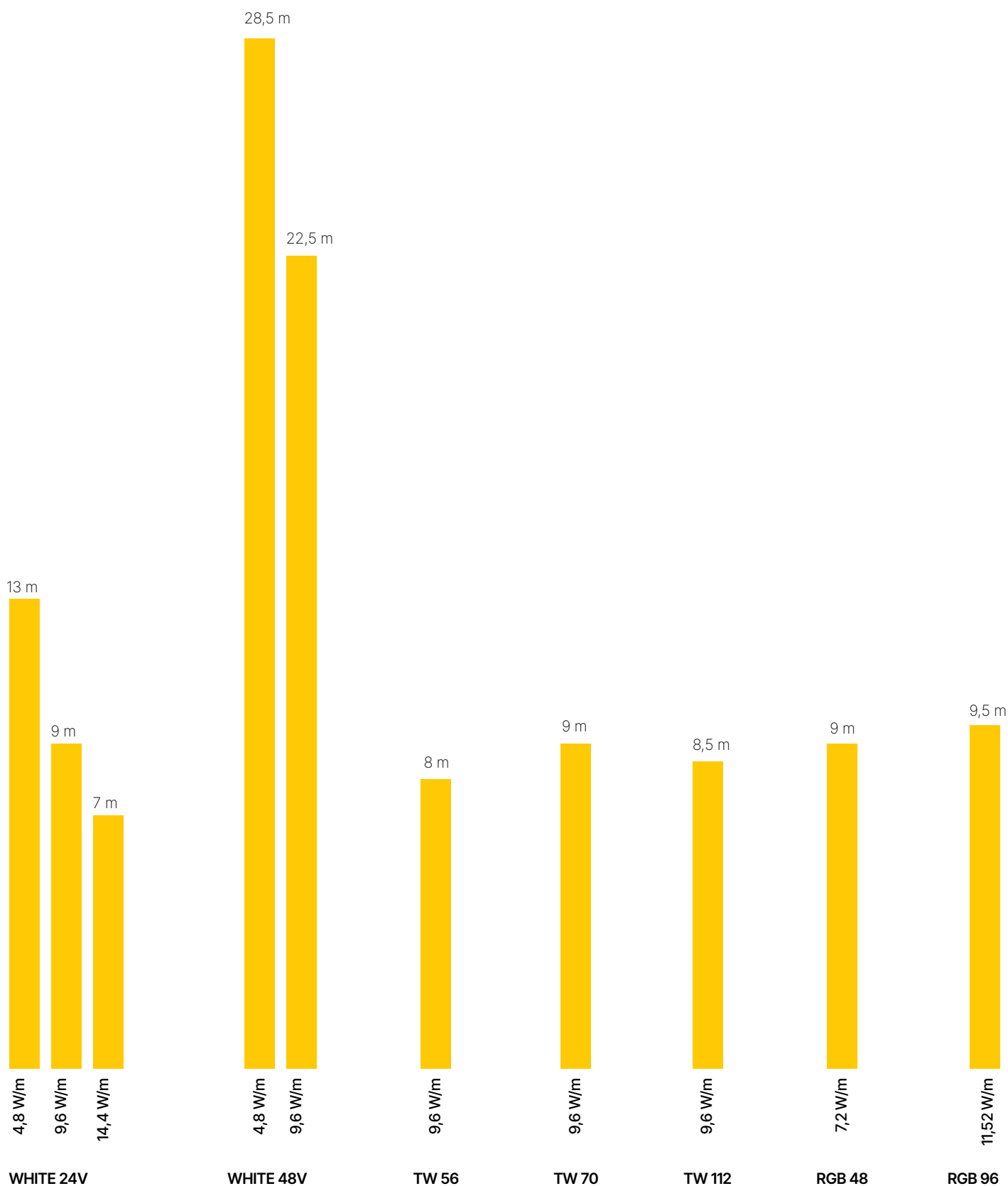
Reverse voltage protection



UV, salt & solvent resistant

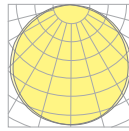
MAX RUN

Possible max length connected to driver from single side.

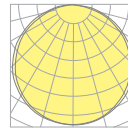


OPTICS

ATLANTIS G2 TOP



ATLANTIS G2 SIDE



ORDER CODE

02W

09W

11W

14W

EOP (Encapsulated Opal)

RWE (White)

IE (Individual, cable from end)

FE (Full set, cables from end)

TopG2

SideG2

ATLANTIS

L0250 - L4500(mm)

FL (White light)

TW2 (Tunable white)

RGB (Color changing)

112

96

Nx (Nichia)

G5

20 (2000K)

22 (2200K)

25 (2500K)

27 (2700K)

30 (3000K)

35 (3500K)

40 (4000K)

50 (5000K)

57 (5700K)

XRE (Red)

XRG (Green)

XBL (Blue)

8 (80)

9 (90)

0(95)

T9 (90)

P (Optisolis)

PH (Packing Holecron)

PS (Packing special)

L200 (mm)

L1000

L2000

L5000

L9000

J1F (Outdoor female type)

J1M (Outdoor male type)

NON (Bare cable end)

L0250 - L4500(mm)

HR (Holecron ribbon)

G1 (Helkama cable)

STD

NAME

TYPE

SEGMENT
TYPE

LUMINAIRE
COLOR

DIFFUSER

LUMINAIRE
LENGTH

STRIP
TYPE

LED'S/M

LED
TYPE

GENERATION

POWER

CRI

CCT

STRIP
LENGTH

CABLE
TYPE

CONNECTOR

CABLE
LENGTH

STANDART
NAME

PACKING

Atlantis

SideG2

IB

RWE

EOP

L1025(3'5")

/

FL112

/

Nx

G5

14W

920

L1000

HR

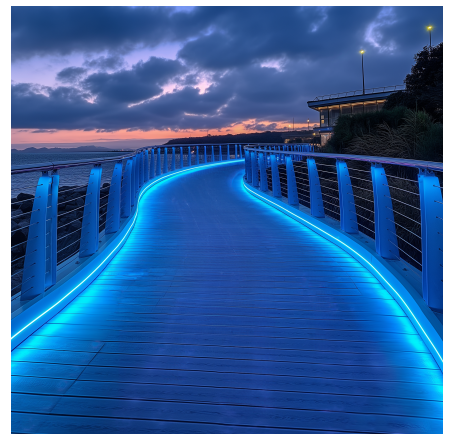
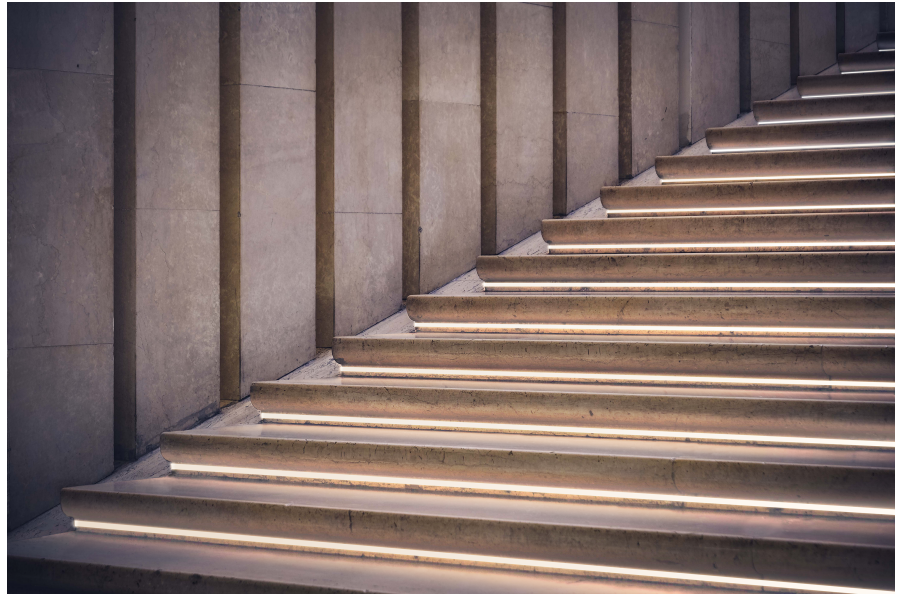
J1x

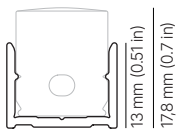
L0200

STD

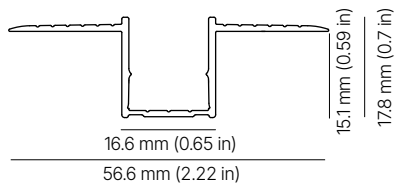
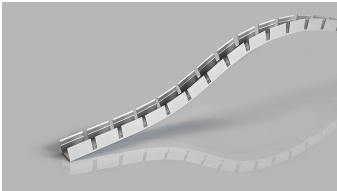
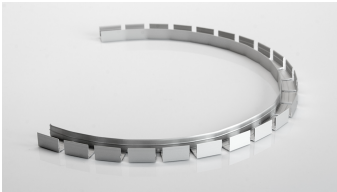
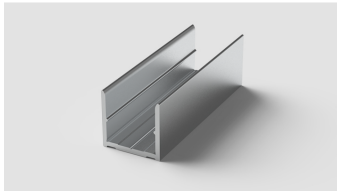
PH

APPLICATIONS

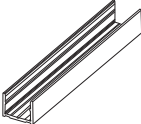
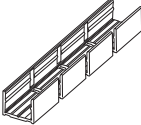
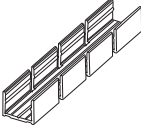
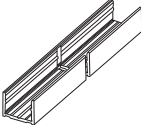
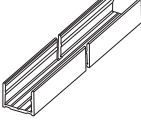
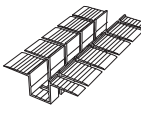
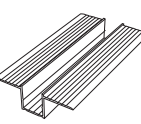




16,8 mm (0.66 in)



ACCESSORIES

CODE	DESCRIPTION
OFL.A01x.S.2.P00002	 Mounting Profile for straight lines L2000, L1000, L50
OFL.A01x.S.2.P00009	 Mounting Profile Flex 25mm Side, L2000 Bending radius - 150mm
OFL.A01x.S.2.P00010	 Mounting Profile Flex 25mm Top, L2000 Bending radius - 150mm
OFL.A01x.S.2.P00011	 Mounting Profile Flex 50mm Side, L2000 Bending radius - 300mm
OFL.A01x.S.2.P00012	 Mounting Profile Flex 50mm Top, L2000 Bending radius - 300mm
TBD	 Atlantis G2 Mounting Profile Trimless Flex L2000
TBD	 Atlantis G2 Mounting Profile Trimless L2000

ACCESSORIES

CODE	DESCRIPTION
OFL.A01x.S.2.P00013	
	Encaps Clear 10pcs
OFL.A01x.S.2.P00014	
	Cutting tool. Sealant and Endcaps Clear 10pcs.
GOT.00011	
	Silicone for sealing Endcaps 100ml

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)	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	8.5 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

WHITE 48V

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)
1 m	28 m	19.5 m	15 m	13 m
2 m	27.5 m	19 m	14.5 m	12.5 m
3 m	27 m	18.5 m	14 m	12 m
5 m	26.5 m	18 m	13 m	11 m
10 m	25 m	16.5 m	11.5 m	9 m

1.5mm ² (AWG 16)	4.8W/m (1.5W/ft)	9.6W/m (2.9W/ft)	14.4W/m (4.4W/ft)	19.2W/m (5.9W/ft)
1 m	28.5 m	20 m	15.5 m	13.5 m
2 m	28 m	19.5 m	15 m	13 m
3 m	27.5 m	19.5 m	15 m	13 m
5 m	27.5 m	19 m	14.5 m	12.5 m
10 m	27 m	18.5 m	14 m	12 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)	9.6W/m (2.9W/ft)	19.2W/m (5.9W/ft)
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)	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	7.5 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

MAX PRODUCT LENGTH

24V TW 70 N5

0.5mm2 (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

1.5mm2 (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

24V TW2 112

0.5mm2 (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

0.5mm2 (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

0.5mm2 (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