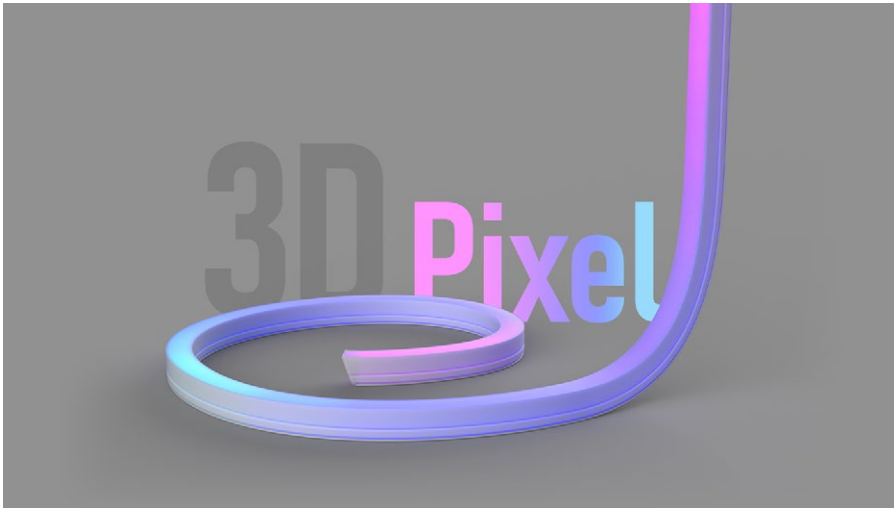


Atlantis-3D-RGBW-Pixel-Control

HOLECTRON

Specification Sheet



-  **Area:** Outdoor / Indoor
-  **Category:** Flexible LED Lines
-  **Mounting:** Surface mounted

Atlantis 3D Pixel RGBW combines multidirectional flexibility with individually addressable pixel control. A single continuous light line can curve horizontally, vertically and through complex three-dimensional forms while creating dynamic colour transitions, animated effects and precisely controlled lighting scenes.

FRONT VIEW



14 mm $\pm$ 1 mm
(0.47 in $\pm$ 0.04 in)

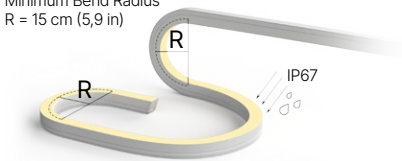
SIDE VIEW



16 mm $\pm$ 2 mm
(0.63 in $\pm$ 0.07 in)

BEND RADIUS

Minimum Bend Radius
R = 15 cm (5,9 in)



TECHNICAL DATA

Voltage	24 V DC
LED lumen maintenance	L90B10 > 60.000 h
Light engine	Up to 26 W/m
Control	Dimmable



PROJECT
DATE
QUANTITY
NOTES

ORDER CODE

NAME	SEGMENT TYPE	WIRE EXIT	HOUSING COLOR	COVER	LUMINAIRE LENGTH	LED SOURCE	POWER

CRI 1	CCT 1	CRI 2 (only for TW strip)	CCT 2 (only for TW strip)	STRIP LENGTH	CABLE TYPE	CONNECTOR	CABLE LENGTH	STANDART NAME	PACKING
					HR			STD	PH

NAME	SEGMENT TYPE	WIRE EXIT	HOUSING COLOR	COVER	CONNECTOR	CABLE LENGTH
ATLANTIS3DG2	I individual luminaire 2 end caps F full module 2 end cap	E end	RWE white	EOP Outdoor Opal	NON no connectors J1X connector J1X	L0200 200 mm 7.9" Default

LED SOURCE	POWER	CRI	CCT
------------	-------	-----	-----

PXL.RGBW96/
RGBW Pixel Control

26W

Other LED source options are available upon request.
You can find more options on our website.

*The LOR was calculated using a white profile. The values may vary when using profiles of other colors. Lumen values is from bare LED strip. When assembled in profile, lumen value must be multiplied by LOR percentage to retrieve actual lumen value of assembled solution.

CCT	1800K	2000K	2200K	2500K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
MULTIPLIER NICHIA	0.54	0.58	0.63	0.68	0.95	1.00	1.02	1.04	1.04	1.01	1.01

LUMINAIRE LENGTH

Module length = **LED Strip Length + Offset**

Offsets:

Individual module: 25mm (0.98 in)
Full module: 25mm (0.98 in)

i.e. Individual module length for L2000 LED strip is:
Individual module length = 2000mm + 20mm

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

LED STRIP LENGTH

For 62.5mm (2.46")
LED strip cutting increment

	L0063	L0125	L0188	L0250	L0313	L0375	L0438	L0500	L563	L0625	L0688	L0750	L0813	L0875	L0938	L1000	L1063	L1125	L1188	L1250	L1313	L1375	L1438	L1500
mm	63	125	188	250	313	375	438	500	563	625	688	750	813	875	938	1000	1063	1125	1188	1250	1313	1375	1438	1500
in	2.5"	4.9"	7.4"	9.8"	1' 0.3"	1' 2.8"	1' 5.2"	1' 7.7"	1' 10.2"	2' 0.6"	2' 3.1"	2' 5.5"	2' 8"	2' 10.4"	3' 0.9"	3' 3.4"	3' 5.9"	3' 8.3"	3' 10.8"	4' 1.2"	4' 3.7"	4' 6.1"	4' 8.6"	4' 11"
	L1563	L1625	L1688	L1750	L1813	L1875	L1938	L2000	L2063	L2125	L2188	L2250	L2313	L2375	L2438	L2500	L2563	L2625	L2688	L2750	L2813	L2875	L2938	L3000
mm	1563	1625	1688	1750	1813	1875	1938	2000	2063	2125	2188	2250	2313	2375	2438	2500	2563	2625	2688	2750	2813	2875	2938	3000
in	5' 1.5"	5' 4"	5' 6.5"	5' 8.9"	5' 11.4"	6' 1.8"	6' 4.3"	6' 6.7"	6' 9.2"	6' 11.7"	7' 2.1"	7' 0.6"	7' 7.1"	7' 9.5"	7' 12"	8' 2.4"	8' 4.9"	8' 7.3"	8' 9.8"	9' 0.3"	9' 2.7"	9' 5.2"	9' 7.7"	9' 10.1"

COVERS

CODE

DESCRIPTION



EOP

Outdoor Opal

ACCESSORIES

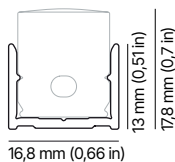
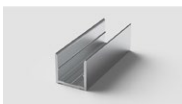
CODE

DESCRIPTION

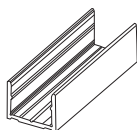
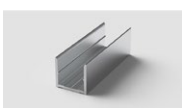


OFL.A01X.S.2.P00013

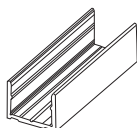
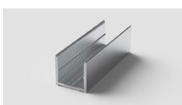
Encaps Clear 10pcs



OFL.A01X.S.2.P00002

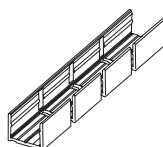
Atlantis G2 Mounting Profile
L1000

OFL.A01X.S.2.P00002

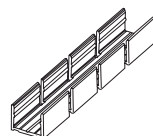
Atlantis G2 Mounting Profile
L2000

OFL.A01X.S.2.P00002

Atlantis G2 Mounting Profile L50

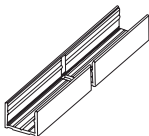
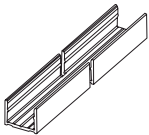
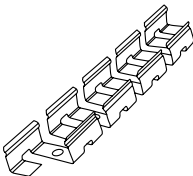


OFL.A01X.S.2.P00009

Atlantis G2 Mounting Profile Flex
25mm Side L2000

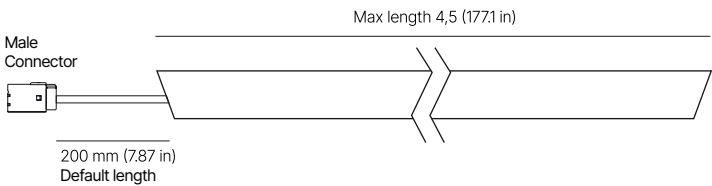
OFL.A01X.S.2.P00010

Atlantis G2 Mounting Profile Flex
25mm Top L2000

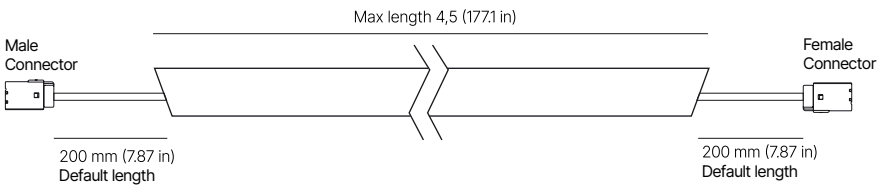
ACCESSORIES		CODE	DESCRIPTION
		OFL.A01X.S.2.P00011	Atlantis G2 Mounting Profile Flex 50mm Side L2000
		OFL.A01X.S.2.P00012	Atlantis G2 Mounting Profile Flex 50mm Top L2000
		OFL.A01X.S.2.P00020	Atlantis G2 Mounting Profile Flex 3D L1000

DIMENSIONS

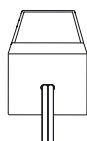
LUMINAIRE
One cable, two endcaps



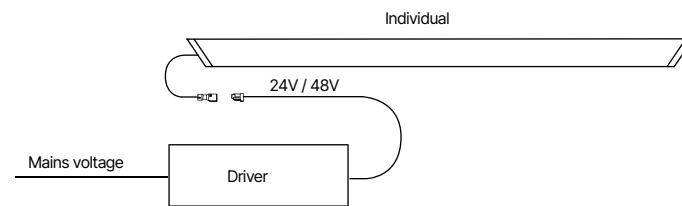
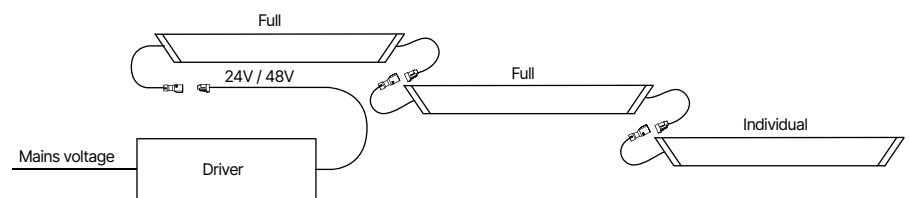
FULL MODULE
Two cables, two endcaps



WIRE EXIT



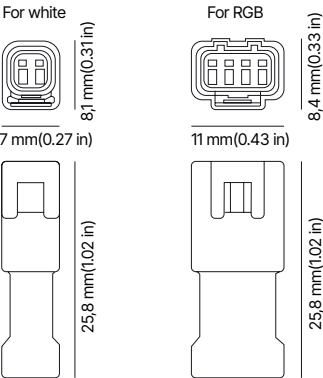
END
Wire comes out from profile
through endcap

CONNECTION TYPES**INDIVIDUAL module****FULL module**

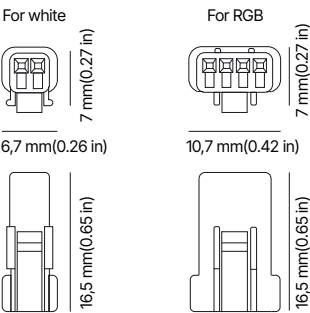
CONNECTORS & WIRES

OUTDOOR

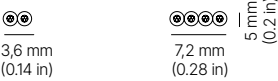
J1X - MALE CONNECTORS



J1X - FEMALE CONNECTORS



WIRES



WIRE LENGTHS

CODE	L0200
LENGTH	200mm
	7.9"

TECHNICAL SPECIFICATIONS**CERTIFICATIONS**

UL approved



Made in Europe

L90B10
60.000 hours

CE compliant



5- year warranty



NICHIA LEDs



IP67

KEY BENEFITS3-step
MacAdam LEDsStabilized
current designWide 1400K-6500K
white color range

CRI 90 +

Control sold separately;
Pixel Control24V
voltage inputCustomization for
your project

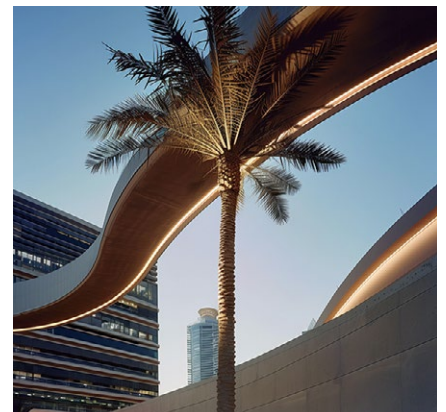
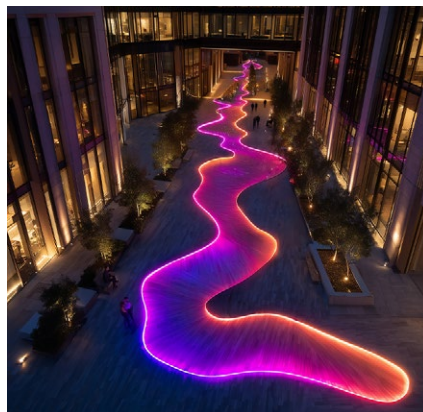
Ambient light

Available in any 0.5-3m
lengthReverse voltage
protection

External driver

Continuous line light
effect without dark spotsUV, salt & solvent
resistantThermal
resistance:
-25° - +50°

APPLICATIONS



MAX RUN

Possible max length connected to driver from single side.



POWER SUPPLY - INDOOR**CODE****DESCRIPTION**

DRI.V24.ILS.FO.SE.00001

**FIXED OUTPUT**

100W 120 VAC (for NA) 220 - 240 VAC (for EU)
5 - year warranty
Color: Static White
Voltage: 24V DC
Control: FO



POWER SUPPLY - OUTDOOR**CODE****DESCRIPTION**

DRI.V24.OCO.FO.TR.00030

**FIXED OUTPUT**

96W 24V 90 - 305 VAC
5 - year warranty
Color: Static White
Voltage: 24V DC
Control: FO



DRI.V24.OCO.DA.MW.00003

**DALI**

120W 24V 100 - 240 VAC
5 - year warranty
Color: Static White
Voltage: 24V DC
Control: DA



DRI.V24.OCO.FO.MW.00053

**0-10V**

MeanWell PWM-90-24
MeanWell CV driver
Dimming with 0-10Vdc or PWM
90W
24VDC
171×63×37.5mm
IP67
5Y



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)	24W/m (7.3W/ft)	33.6W/m (10.2W/ft)
Max cable length between luminaire and driver	Product max run					
1 m	12.5 m	8 m	6 m	4.5 m	4 m	3.5 m
2 m	12 m	7.5 m	5.5 m	4 m	3.5 m	3 m
3 m	11.5 m	7.5 m	5.5 m	4 m	3.5 m	2.5 m
5 m	11 m	7 m	5 m	3.5 m	3 m	2 m
10 m	8.5 m	5 m	4 m	2.5 m	2 m	1 m

1.5mm² (AWG 16)

Max cable length between luminaire and driver	Product max run					
1 m	12.5 m	8.5 m	6 m	4.5 m	4 m	3.5 m
2 m	12.5 m	8.5 m	6 m	4.5 m	4 m	3.5 m
3 m	12.5 m	8 m	6 m	4.5 m	4 m	3 m
5 m	12 m	8 m	5.5 m	4 m	3.5 m	3 m
10 m	11.5 m	7.5 m	5 m	3.5 m	3.5 m	2.5 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)	24W/m (7.3W/ft)
Max cable length between luminaire and driver	Product max run				
1 m	28 m	22 m	17 m	13 m	10.5 m
2 m	27.5 m	21.5 m	16.5 m	12.5 m	10 m
3 m	27 m	21 m	16 m	12 m	9.5 m
5 m	26.5 m	20.5 m	15 m	11 m	8.5 m
10 m	25 m	19 m	13.5 m	9 m	6.5 m

1.5mm² (AWG 16)

Max cable length between luminaire and driver	Product max run				
1 m	28.5 m	22 m	17 m	13.5 m	10.5 m
2 m	28 m	21.5 m	16.5 m	13 m	10 m
3 m	27.5 m	21.5 m	16.5 m	13 m	10 m
5 m	27.5 m	21 m	16 m	12.5 m	9.5 m
10 m	27 m	20.5 m	15.5 m	12 m	9 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

1.5mm² (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)
Max cable length between luminaire and driver	Product max run			
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)

Max cable length between luminaire and driver	Product max run			
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

0.5mm2 (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)
Max cable length between luminaire and driver	Product max run			
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)

Max cable length between luminaire and driver	Product max run			
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)
Max cable length between luminaire and driver	Product max run	
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)

Max cable length between luminaire and driver	Product max run	
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)
Max cable length between luminaire and driver	Product max run		
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)

Max cable length between luminaire and driver	Product max run		
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

SAFETY / WARNINGS / DISCLOSURES

1. Install in accordance with national and local electrical code regulations.
2. Do not modify or disassemble this product beyond instructions or the warranty will be void.
3. Our channels, covers, end caps, and mounting brackets are also suitable for outdoor use with some considerations. Please consult with local Holecron representative to pick right fixtures for outdoor use.
4. Indoor (IP20) fixtures should never be mounted in areas receiving direct sunlight and locations where they can be submerged under water or might get in direct contact with water or puddling (rainfall, sprinkler, spray, etc.).
5. Avoid leaving gaps in any of the end cap or cover mating edges to the channel that will allow excess dust, debris, or water/moisture to enter the channel enclosure.
6. Actual product color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.
7. We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

SAFETY / WARNINGS / DISCLOSURES**Limited Warranty**

This product has a five (5) year limited warranty from the date of shipment. This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available online [download here](#). For warranty related questions please contact product support.

Consumer's Acknowledgment

Holecron stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infield adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Holecron is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Holecron to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues.

Any statement from a Holecron employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the

customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets. There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect.

Holecron strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Holecron products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Holecron product specifications can make the requisite decisions appropriate for a successful finished lighting application.