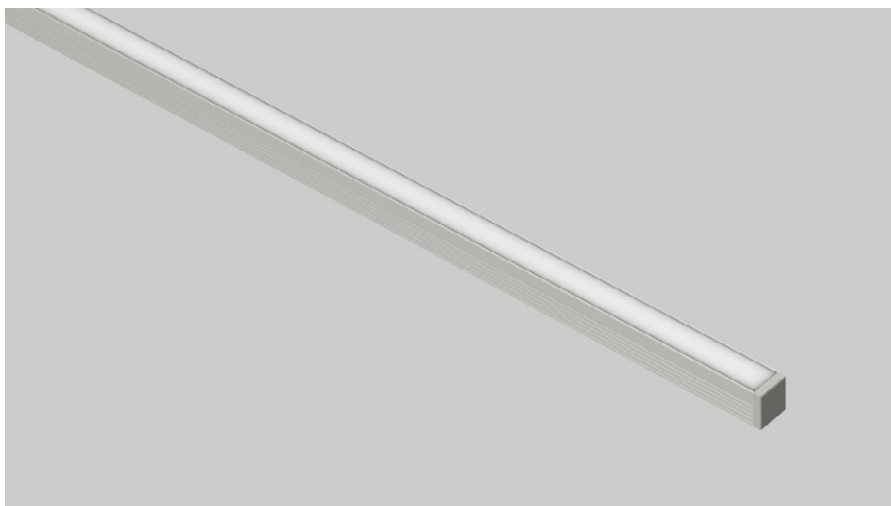


A018N - sLine

Specification Sheet

HOLECTRON



Area: Indoor Luminaires



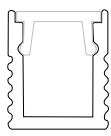
Category: Linear lighting / decorative lighting / Cove



Mounting: Surface horizontal mounting
/ Surface vertical mounting /
Wall mounting

A018N is by far our thinnest fixture with a homogeneous light effect.

Available in wide CCT range and used to fill the interior with ultra-thin decorative linear lights. A single fixture can be up to 2m (6.5ft) long depending on the output.



9 mm (0.35 in)

8 mm (0.31 in)

TECHNICAL DATA

Voltage	24 V
LED lumen maintenance	L90B10 > 60.000 h
Light engine	FL 175 LED strip up to 14 W/m
Control	Dimmable



PROJECT

DATE

QUANTITY

NOTES

ORDER CODE

NAME	SEGMENT TYPE	HOUSING COLOR	COVER	LUMINAIRE LENGTH	LED SOURCE	POWER	CRI 1	CCT 1
FXLA018N							T9	
CRI 2	CCT 2	STRIP LENGTH	CABLE TYPE	CONNECTOR	CABLE LENGTH	STANDART NAME	PACKING	
T9	XX		HR			STD	PH	

SEGMENT TYPE	I individual luminaire, 2 end caps	S start segment, back / side wire exit, 1 end cap	M middle segment, back / side wire exit, no end caps	E end segment, back / side wire exit, 1 end cap	F full module, 2 end cap		
WIRE EXIT	B back	E end					
HOUSING COLOR	AGY anodized gray	PWE white	PBK black	PGY gray	CUSTOM contact sales		
COVER	18N.1.OPL opal LOR*47% homogenous						
LED SOURCE	FL175/NX G5 static white 40 mm (1.57")		FL175/DX G5 static white 40 mm (1.57")				
POWER	4W 4,8 W/m 1.5 W/ft 682 Lm/m (208 Lm/ft)* LOR		4W 4,8 W/m 1.5 W/ft 682 Lm/m (208 Lm/ft)* LOR				
	9W 9,6 W/m 2.9 W/ft 1365 Lm/m (416 lm/ft)* LOR		9W 9,6 W/m 2.9 W/ft 1365 Lm/m (416 lm/ft)* LOR				
	14W 14,4 W/m 4.4 W/ft 2030 Lm/m (618 lm/ft)* LOR		14W 14,4 W/m 4.4 W/ft 2030 Lm/m (618 lm/ft)* LOR				
CCT 1	18 / 20 / 22 / 25 / 27 / 30 / 35 / 40 / 50 / 57 / 65 1800K / 2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K		18 / 20 / 22 / 25 / 27 / 30 / 35 / 40 / 50 / 57 / 65 1800K / 2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K				
CONNECTOR	NON no connectors	P1X connector P1X					
CABLE LENGTH	L200 200 mm 7.9" Default	L500 500 mm 1' 7.7"	L1000 1000 mm 3' 3.4"	L2000 2000 mm 5' 6.7"	L3000 3000 mm 9' 10.1"	L5000 5000 mm 16' 4.9"	L9000 9000 mm 29' 6.3"

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

*The LOR was calculated using a white profile. The values may vary when using profiles of other colors.

CCT	1800K	2000K	2200K	2500K	2700K	3000K	3500K	4000K	5000K	5700K	6500K
MULTIPLIER NICH	0.54	0.58	0.63	0.68	0.95	1.00	1.02	1.04	1.04	1.01	1.01
MULTIPLIER DELTA	-	-	0.67	0.71	0.99	1.00	1.00	1.03	1.03	1.00	1.00

LED STRIP LENGTH

For 40 mm (1.57")
LED strip cutting increment

	L0040	L0080	L0120	L0160	L0200	L0240	L0280	L0320	L0360	L0400	L0440	L0480	L0520	L0560	L0600	L0640	L0680	L0720	L0760	L0800	L0840	L0880	L0920	L0960
mm	40	80	120	160	200	240	280	320	360	400	440	480	520	560	600	640	680	720	760	800	840	880	920	960
	1.6"	3.2"	4.7"	6.3"	7.9"	9.4"	11.0"	1' 0.6"	1' 2.2"	1' 3.7"	1' 5.3"	1' 6.9"	1' 8.5"	1' 10.0"	1' 11.6"	2' 1.2"	2' 2.8"	2' 4.3"	2' 5.9"	2' 7.5"	2' 9.1"	2' 10.6"	3' 0.2"	3' 1.8"
	L1000	L1040	L1080	L1120	L1160	L1200	L1240	L1280	L1320	L1360	L1400	L1440	L1480	L1520	L1560	L1600	L1640	L1680	L1720	L1760	L1800	L1840	L1880	L1920
mm	1000	1040	1080	1120	1160	1200	1240	1280	1320	1360	1400	1440	1480	1520	1560	1600	1640	1680	1720	1760	1800	1840	1880	1920
in	3' 3.4"	3' 4.9"	3' 6.5"	3' 8.1"	3' 9.7"	3' 11.2"	4' 0.8"	4' 2.4"	4' 3.9"	4' 5.5"	4' 7.1"	4' 8.7"	4' 10.3"	4' 11.8"	5' 1.4"	5' 3"	5' 4.6"	5' 6.1"	5' 7.7"	5' 9.3"	5' 10.9"	6' 0.4"	6' 2.0"	6' 3.6"
	L1960	L2000	L2010	L2080	L2120	L2160	L2200	L2240	L2280	L2320	L2360	L2400	L2440	L2480	L2520	L2560	L2600	L2640	L2680	L2720	L2760	L2800	L2840	L2880
mm	1960	2000	2010	2080	2120	2160	2200	2240	2280	2320	2360	2400	2440	2480	2520	2560	2600	2640	2680	2720	2760	2800	2840	2880
in	6' 5.2"	6' 6.7"	6' 7.1"	6' 9.9"	6' 11.5"	7' 1"	7' 2.6"	7' 4.2"	7' 5.8"	7' 7.3"	7' 8.9"	7' 10.5"	8' 0.1"	8' 1.6"	8' 3.2"	8' 4.8"	8' 6.4"	8' 7.9"	8' 9.5"	8' 11.1"	9' 0.7"	9' 2.2"	9' 3.8"	9' 5.4"
	L2920	L2960	L3000																					
mm	2920	2960	3000																					
in	9' 7"	9' 8.5"	9' 10.1"																					

Module length = LED Strip Length + Offset

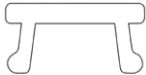
Offsets:

- Start module: 5 mm (0.2 in)
- Middle module: 2 mm (0.08 in)
- End module: 5 mm (0.2 in)
- Individual, end cable exit: 11 mm (0.43 in)
- Individual, back cable exit: 8 mm (0.31 in)
- Full end cable exit: 14 mm (0.55 in)
- Full back cable exit: 8 mm (0.31 in)

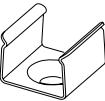
i.e. Start module length for L2000 LED strip is:
Start module length = 2000mm + 5 mm
Note: Length tolerance ± 3mm/m (0.11 in)

COVERS



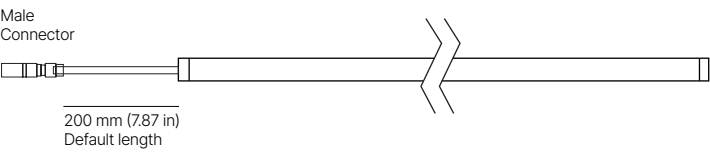
CODE	DESCRIPTION
PRG.A018N.CO1.OPL	
	opal

ACCESSORIES

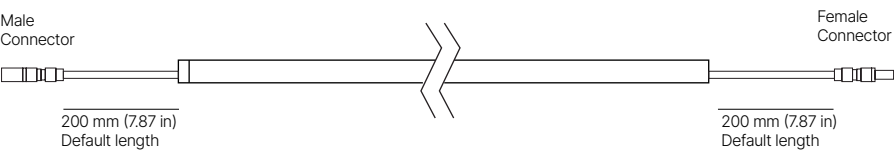
CODE	DESCRIPTION
PRG.A018N.F01.GZK	
	Metal mounting bracket

DIMENSIONS

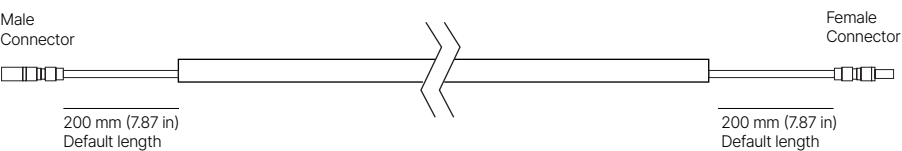
LUMINAIRE
One cable, two endcaps



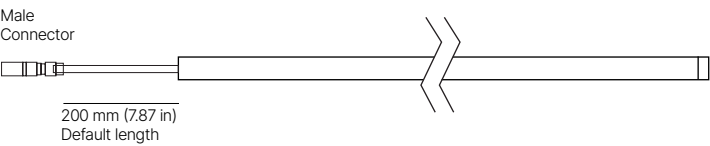
START
Two cables, endcap at the start



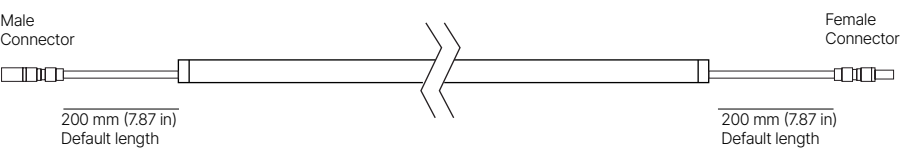
MIDDLE
Two cables, no endcaps



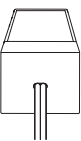
END
One cable, endcap at the end



FULL MODULE
Two cables, two endcaps



WIRE EXIT



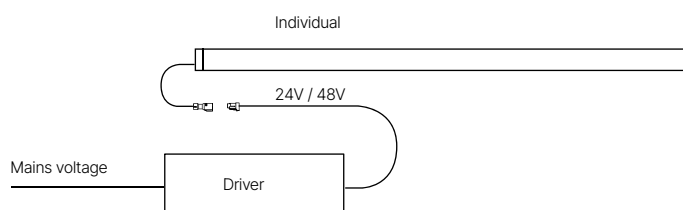
END
Wire comes out from profile through endcap



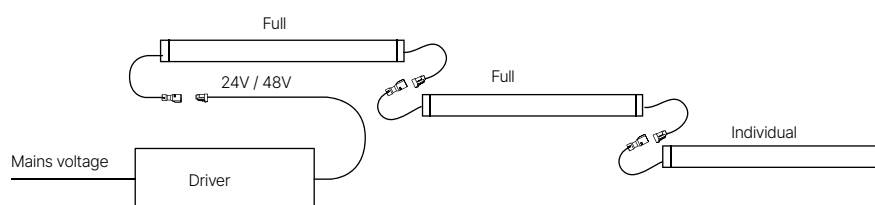
BACK
Wire through a hole on the back of the profile

CONNECTION TYPES

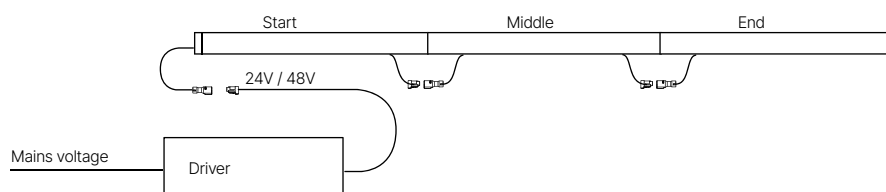
INDIVIDUAL module



FULL module



CONTINUOUS LINE module



CONNECTORS & WIRES

INDOOR

P1X - MALE CONNECTORS

For white

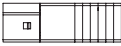


6,7 mm
(0.26 in)

For RGB



11,7 mm
(0.46 in)



5 mm
(0.2 in)

15,5 mm
(0.61 in)

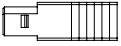
P1X - FEMALE CONNECTORS



6,1 mm
(0.24 in)



11,1 mm
(0.43 in)



5 mm
(0.2 in)

15 mm
(0.59 in)

WIRES



3,6 mm
(0.14 in)



7,2 mm
(0.28 in)

5 mm
(0.2 in)

WIRE LENGTHS

CODE	L200	L500	L1000	L2000	L3000	L5000	L9000
LENGTH	200mm	500mm	1000mm	2000mm	3000mm	5000mm	9000mm
	7.9"	1' 7.7"	3' 3.4"	5' 6.7"	9' 10.1"	16' 4.9"	29' 6.3"

TECHNICAL SPECIFICATIONS**CERTIFICATIONS**

UL approved

Made in
EuropeL90B10
60.000 hours

CE compliant

5- year
warranty

NICHIA LEDs

**KEY BENEFITS**3-step
MacAdam LEDsStabilized
current designWide 2000K-6500K
white color rangeCRI 90 +
CRI 90+tri
CRI 95
Optisolis, ColorsControl sold separately;
DALI, Casambi,
1- 10V, Phase Cut24V
voltage inputCustomization for
your project

Ambient light

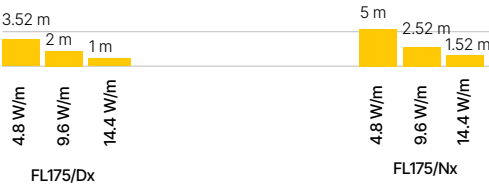
Available in any 0.5-3m
lengthReverse voltage
protection

External driver

Continuous line light
effect without dark spots

MAX RUN

Possible max length connected to driver from single side.



APPLICATIONS



POWER SUPPLY - INDOOR**CODE****DRI.V24.ILS.FO.SE.00001****DESCRIPTION****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****DRI.V24.OCO.FO.TR.00030****DESCRIPTION****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.00038****0-10V**

96W 24V 100 - 240 VAC

MeanWell CV+CC driver

5 - year warranty

Color: Static White

Voltage: 24V DC

PWM, Resistance

Dimming: 0-10V

199×63×35.5mm

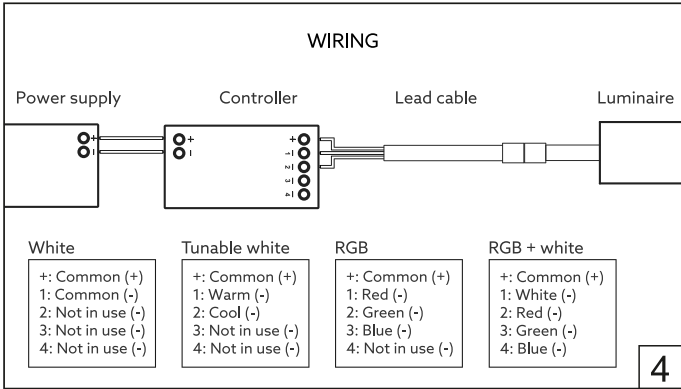
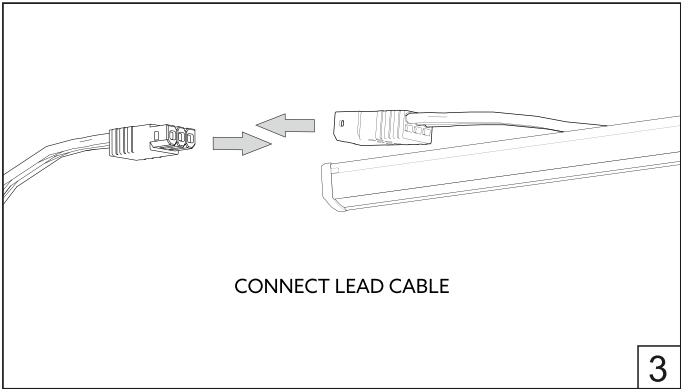
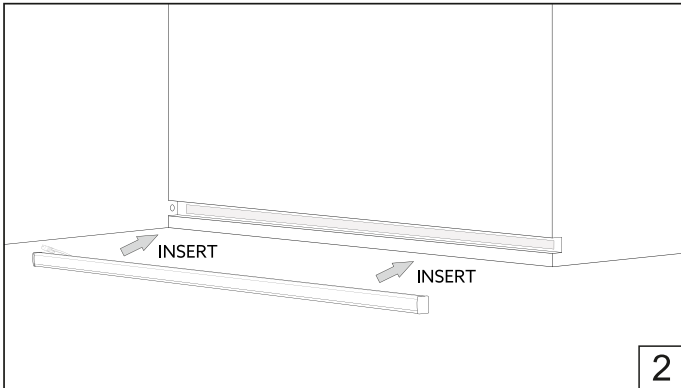
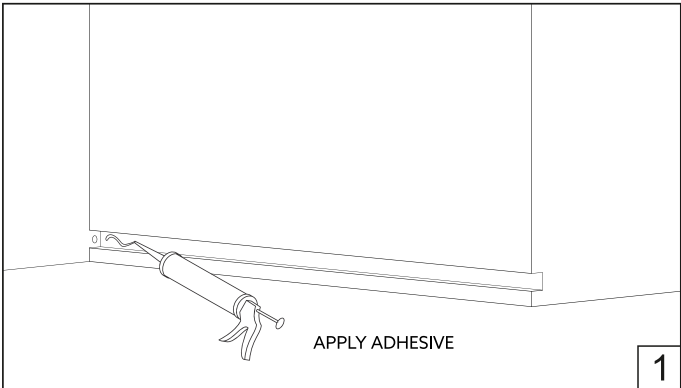


MAX PRODUCT LENGTH

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
1.5mm² (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

INSTALLATION GUIDE



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.

HOLECTRON

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