




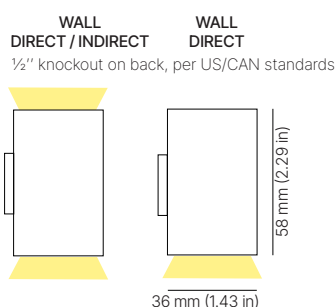
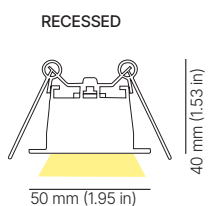
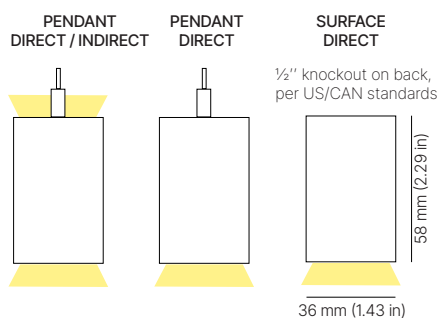
Specification Sheet



-  **Area:** Indoor luminaires
-  **Category:** Linear lighting / decorative lighting / Direct lighting
-  **Mounting:** Pendant, Surface, Recessed, Wall

Based on experience and previous developments, Holecron engineers have created an innovative luminaire – Minia Opal / Microprism Pendant. The Minia luminaire has a compact, balanced design. The luminaire is simple and easy to assemble and install.

When developing the Minia luminaire, great attention was paid to the smallest details. New optics, lenses were specially developed for Minia. Minia luminaire is designed for perfect illumination in offices, shopping malls, hotels, retails, restaurants, schools, factories and residential. For Minia we use highest quality 3-step MacAdam LED modules with white color range of 2700K – 4000K and a high color rendering index (CRI), which is CRI90+ or even CR95+.



TECHNICAL DATA

Electrical	220 -240 VAC, Integrated driver
	110-277 VAC, Integrated driver
LED lumen maintenance	L90B10 > 60.000 h
Cover	Opals, Microprism
Control	Dimmable
Efficacy	Microprism 109-112 Lm/W, Opal 105-110 Lm/W

Minia Pendant	W16/W8 - Standart output (~24W/m 7.2W/ft)
Light output (Direct / Indirect)	W23/W12- High output (~35W/m 10.5W/ft)

Minia Pendant / Surface / Wall	W16 - Standart output (~16W/m 5W/ft)
Light output (Direct Only)	W23- High output (~23W/m 7W/ft)

Minia Wall	
Light output (Direct / Indirect)	W16/W16 - Standart output (~32W/m 9.7W/ft)
Light output (Direct Only)	W16 - Standart output (~16W/m 5W/ft)



PROJECT
DATE
QUANTITY
NOTES

ORDER CODE

NAME	MOUNTING TYPE	MODULE TYPE	COVER	COVER SPACING	HOUSING COLOR	LIGHT OUTPUT
Minia						
CRI 1	CCT1	CRI2 (only for TW strip)		CCT2	LUMINAIRE LENGTH	CONTROL
T9		T9				

MOUNTING TYPE	P Pendant	R Recessed	S Surface	W Wall
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MODULE 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
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COVER	OPL opal	PRM microprism
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COVER SPACING	B000
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HOUSING COLOR	PBK black	PGY gray	PWE white	CUSTOM contact sales
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LIGHT OUTPUT	W23 High W23 Direct light	W46 High W46 for Recessed, Surface	W16 Standart W16 Direct light	W23/W23 High W23 Direct/Indirect TW light	W23/W12 High W23 Direct/Indirect white light	W16/W8 Standart W16 Direct/Indirect white light	W16/W16 Standart W16 Direct/Indirect TW light
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HOUSING COLOR	PBK black	PGY gray	PWE white	CUSTOM contact sales
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CCT 1	18 / 20 / 22 / 25 / 27 / 30 / 35 / 40 / 50 / 57 / 65 1800K / 2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K For static white	27-65 2700K - 6500K For TW
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CONTROL	n/d 10V	DA DALI	FO FO
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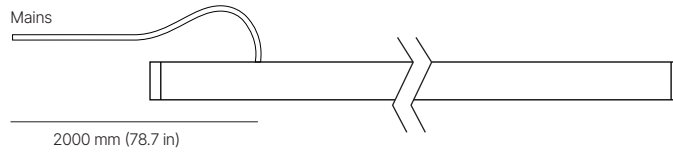
LUMINAIRE LENGTH	L0280	L0560	L0840	L1120	L1400	L1680	L1960	L2240	L2520	L2800	L3080
mm	280	560	840	1120	1400	1680	1960	2240	2520	2800	3080
in	11"	1' 10"	2' 9"	3' 8.1"	4' 7.1"	5' 6.1"	6' 5.2"	7' 4.2"	8' 3.2"	9' 2.2"	10' 1.3"

DIMENSIONS

PENDANT, SURFACE, WALL

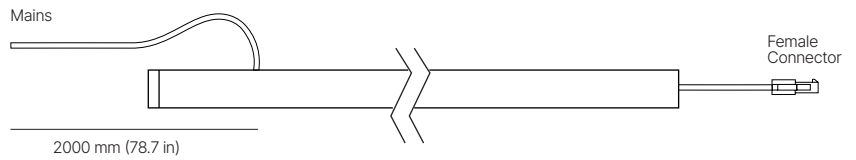
LUMINAIRE

One cable, two endcaps



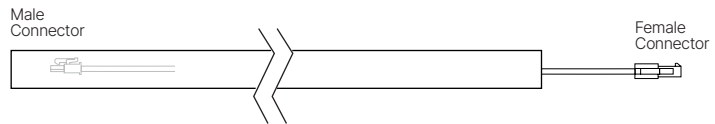
START

Two cables, endcap at the start



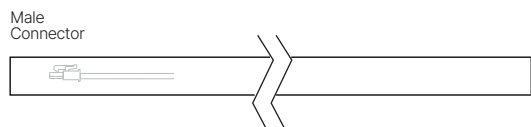
MIDDLE

Two cables, no endcaps



END

One cable, endcap at the end












TECHNICAL SPECIFICATIONS

SERTIFICATIONS

 <p>UL approved</p>	 <p>Made in Europe</p>	 <p>L90B10 60.000 hours</p>
 <p>CE compliant</p>	 <p>5- year warranty</p>	 <p>NICHIA LEDs</p>
		

KEY BENEFITS

 <p>3-step MacAdam LEDs</p>	 <p>Stabilized current design</p>	 <p>Wide 2000K-6500K white color range</p>
 <p>CRI 90 + CRI 90+tri CRI 95 Optisolis, RGB</p>	 <p>Control sold separately; DALI, Casambi, 1- 10V, Phase Cut</p>	 <p>Continuous line light effect without dark spots</p>
 <p>Customization for your project</p>	 <p>Ambient light</p>	 <p>Thermal resistance: -25° -- +50°</p>

OPTICS

PENDANT, SURFACE, WALL

OPAL

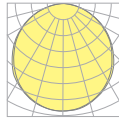


MICROPRISM

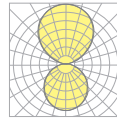


OPAL

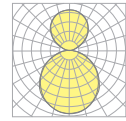
Direct



Direct / Indirect 1-1



Direct / Indirect 2-1

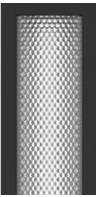


RECESSED

OPAL

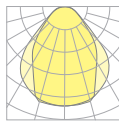


MICROPRISM

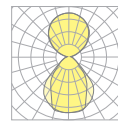


MICROPRISM

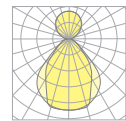
Direct



Direct / Indirect 1-1



Direct / Indirect 2-1

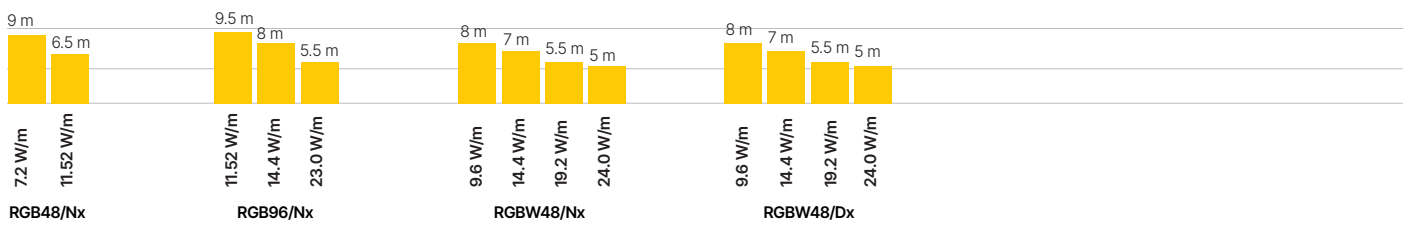
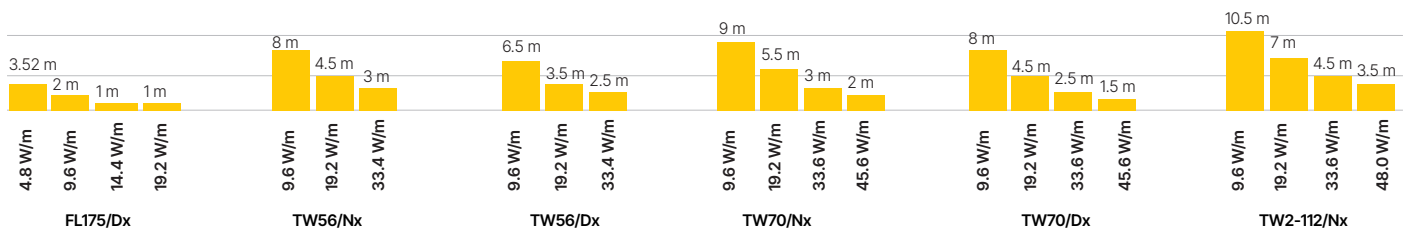
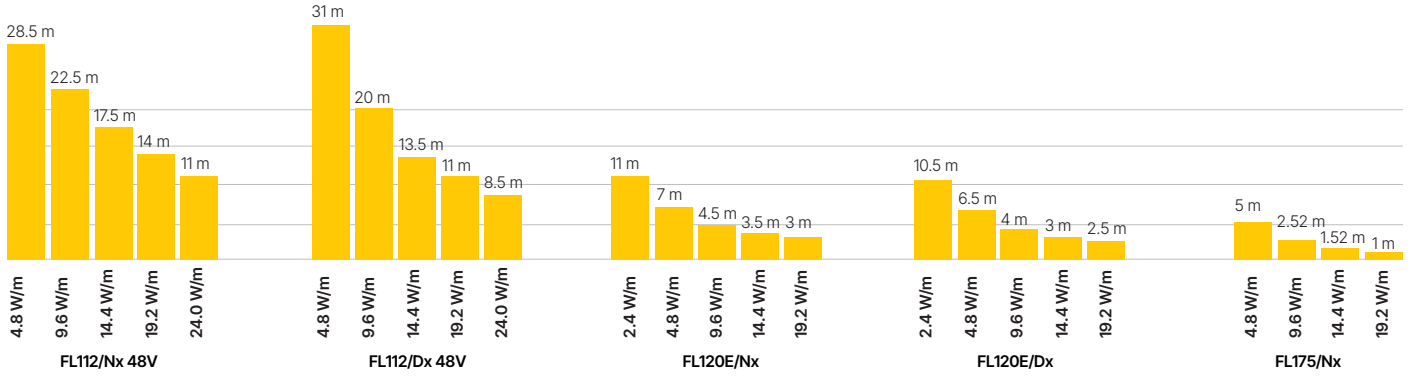
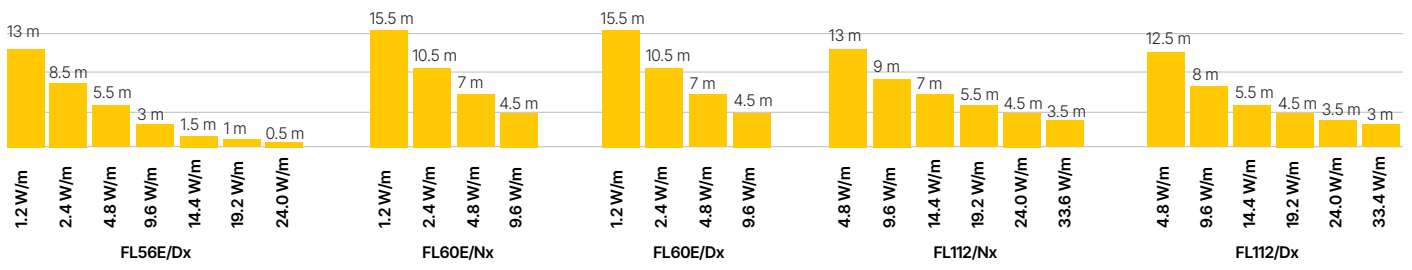
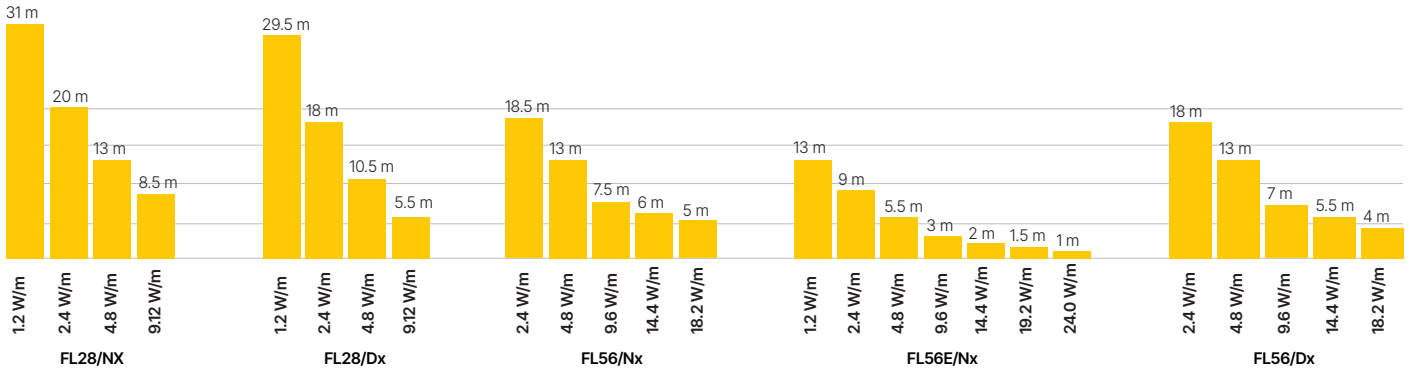


APPLICATIONS



MAX RUN




Possible max length connected to driver from single side.



POWER SUPPLY - INDOOR

CODE	DESCRIPTION
<p data-bbox="595 302 853 336">DRI.V24.ILS.FO.SE.00001</p> 	<p data-bbox="1021 347 1236 380">FIXED OUTPUT</p> <p data-bbox="1021 380 1484 504">100W 120 VAC(for NA) 220 - 240 VAC (for EU) 5 - year warranty Color: Static White Voltage: 24V DC Control: FO</p> <div data-bbox="1045 515 1220 593">   </div>

POWER SUPPLY - OUTDOOR

CODE	DESCRIPTION
<p data-bbox="595 880 869 913">DRI.V24.OCO.FO.TR.00030</p> 	<p data-bbox="1021 936 1236 969">FIXED OUTPUT</p> <p data-bbox="1021 969 1484 1097">96W 24V 90 - 305 VAC 5 - year warranty Color: Static White Voltage: 24V DC Control: FO</p> <div data-bbox="1045 1108 1220 1187">   </div>

<p data-bbox="595 1232 885 1265">DRI.V24.OCO.DA.MW.00003</p> 	<p data-bbox="1021 1276 1109 1310">DALI</p> <p data-bbox="1021 1310 1484 1444">120W 24V 100 - 240 VAC 5 - year warranty Color: Static White Voltage: 24V DC Control: DA</p> <div data-bbox="1045 1456 1220 1534">   </div>
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<p data-bbox="595 1579 885 1612">DRI.V24.OCO.FO.MW.00038</p> 	<p data-bbox="1021 1624 1125 1657">0-10V</p> <p data-bbox="1021 1657 1484 1870">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</p> <div data-bbox="1045 1881 1220 1960">   </div>
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MAX PRODUCT LENGTH

WHITE 24V

0.5mm2 (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)

0.5mm2 (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	8.5 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

0.5mm2 (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)

0.5mm2 (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	28.5 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

0.5mm2 (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)

0.5mm2 (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	7.5 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

0.5mm2 (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)
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)

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)
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

0.5mm 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)
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)

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)
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

0.5mm ² (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)

0.5mm ² (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	8.5 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)
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)

0.5mm ² (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	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.

HOLECTRON

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