




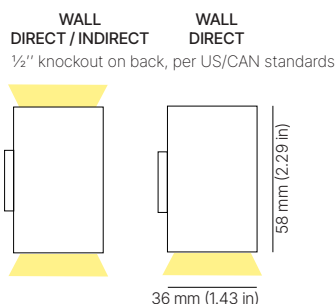
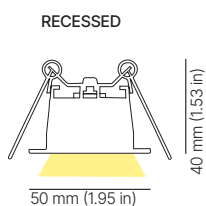
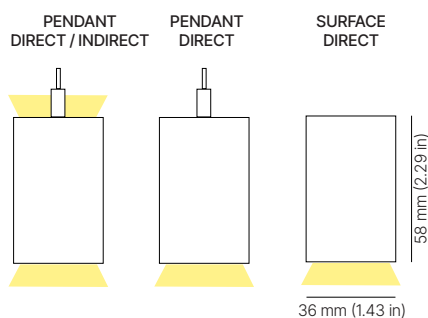
Specification Sheet



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

MiniaX linear luminaire is designed for comfortable low glare lighting applications. It has a compact and balanced design therefore it can be installed almost in any interior. The luminaire is simple and easy to assemble and install. When developing the MiniaX luminaire, great attention was paid to the smallest details. New optics, lenses were specially developed for MiniaX.

MiniaX luminaire is designed for perfect illumination in offices, shopping malls, hotels, retails, restaurants, schools, factories and residential. MiniaX is the best choice for lighting large areas of the premises. With interconnecting segments, a full-area lighting system can be installed that will require only 1 power cable. When mounting the continuous line system, the profiles fit snugly against each other, leaving no gaps. Therefore, the final design of the luminaires looks unified, neat and monolithic.



TECHNICAL DATA

| | |
|---|--|
| Electrical | 220 -240 VAC, Integrated driver |
| | 110-277 VAC, Integrated driver |
| LED lumen maintenance | L90B10 > 60.000 h |
| Cover | Baffle |
| Control | Dimmable |
| MiniaX Pendant | W16/W8 - Standart output (~24W/m 7.2W/ft) |
| Light output (Direct / Indirect) | W23/W12- High output (~35W/m 10.5W/ft) |
| MiniaX Pendant / Surface | W16 - Standart output (~16W/m 5W/ft) |
| Light output (Direct Only) | W23- High output (~23W/m 7W/ft) |
| MiniaX Recessed | W16 - Standart output (~16W/m 5W/ft) |
| Light output | W23- High output (~23W/m 7W/ft) |
| MiniaX 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 |
|--------|---------------|-------------|--------------------------|---------------|------------------|--------------|
| MiniaX | | | | | | |
| | CRI 1 | CCT1 | CRI2 (only for TW strip) | CCT2 | LUMINAIRE LENGTH | CONTROL |
| | T9 | | T9 | | | |

| | | | | |
|----------------------|---------------------|----------------------|---------------------|------------------|
| MOUNTING TYPE | P Pendant | R Recessed | S Surface | W Wall |
|----------------------|---------------------|----------------------|---------------------|------------------|

| | | | | |
|--------------------|---|---|--|---|
| 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 |
|--------------------|---|---|--|---|

| | |
|--------------|----------------------|
| COVER | BFL baffle |
|--------------|----------------------|

| | | | |
|----------------------|-------------|-------------|-------------|
| COVER SPACING | B000 | B280 | B560 |
|----------------------|-------------|-------------|-------------|

| | | | | |
|----------------------|---------------------|--------------------|---------------------|--------------------------------|
| HOUSING COLOR | PBK black | PGY gray | PWE white | CUSTOM contact sales |
|----------------------|---------------------|--------------------|---------------------|--------------------------------|

| | | | | | | | |
|---------------------|--|---|--|--|---|--|--|
| 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 |
|---------------------|--|---|--|--|---|--|--|

| | | | | |
|----------------------|---------------------|--------------------|---------------------|--------------------------------|
| HOUSING COLOR | PBK black | PGY gray | PWE white | CUSTOM contact sales |
|----------------------|---------------------|--------------------|---------------------|--------------------------------|

| | | |
|--------------|--|---|
| 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 |
|--------------|--|---|

| | | | |
|----------------|-------------------|-------------------|-----------------|
| CONTROL | n/d 10V | DA DALI | FO FO |
|----------------|-------------------|-------------------|-----------------|

| | | | | | | | | | | | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 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" |

LENGTHS

LENGTHS OF INDIVIDUAL SEGMENT

With 280 mm blackout

| | |
|------------------|--|
| 840 mm 2.8 ft | |
| 1400 mm 4.6 ft | |
| 1960 mm 6.4 ft | |
| 2520 mm 8.3 ft | |
| 3080 mm 10 ft | |

With 560 mm blackout

| | |
|------------------|--|
| 1120 mm 3.7 ft | |
| 1960 mm 6.4 ft | |
| 2800 mm 9.2 ft | |

LENGTHS OF CONTINUOUS LINE SEGMENTS

With 280 mm blackout

| | |
|------------------|--|
| 1120 mm 3.7 ft | |
| 1680 mm 5.5 ft | |
| 2240 mm 7.3 ft | |
| 2800 mm 9.2 ft | |

With 560 mm blackout

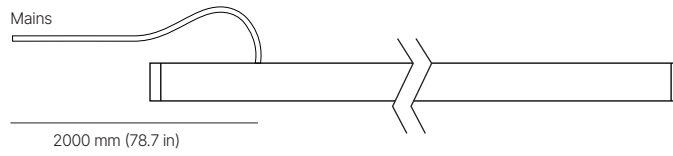
| | |
|------------------|--|
| 840 mm 2.8 ft | |
| 1680 mm 5.5 ft | |
| 2520 mm 8.3 ft | |

FOR INDIVIDUAL AND CONTINUOUS LINE MODULES (NO BLACKOUT)

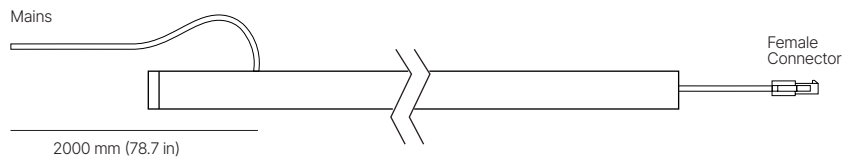
| | |
|-------------------|--|
| 280 mm 0.91 ft | |
| 560 mm 1.8 ft | |
| 840 mm 2.8 ft | |
| 1120 mm 3.7 ft | |
| 1400 mm 4.6 ft | |
| 1680 mm 5.5 ft | |
| 1960 mm 6.4 ft | |
| 2240 mm 7.3 ft | |
| 2520 mm 8.3 ft | |
| 2800 mm 9.2 ft | |
| 3080 mm 10.1 ft | |

DIMENSIONS

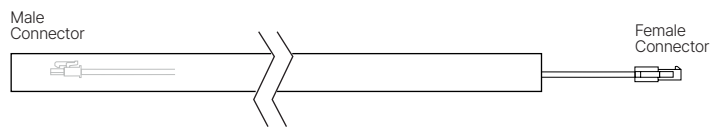
LUMINAIRE
One cable, two endcaps



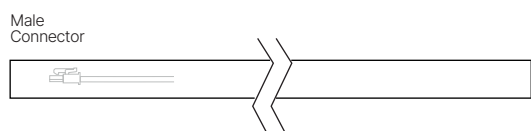
START
Two cables, endcap at the start



MIDDLE
Two cables, no endcaps



END
One cable, endcap at the end



COLOR COMBINATIONS

MiniaX luminaires housings come in standard white, black or grey colors which can be combined to various baffle colors. However, this MiniaX luminaire can be customized to any RAL color.



Black body, white blackout, white mat baffles



Grey body, white blackout, white at baffles



White body, white blackout, white mat baffles



White body, white blackout, black mat baffles



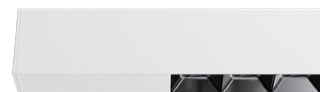
Black body, black blackout, silver metalized baffles



Grey body, grey blackout, silver metalized baffles



White body, white blackout, silver metalized baffles



White body, white blackout, black metalized baffles



Black body, black blackout, black mat baffles



Grey body, black blackout, black mat baffles



White body, black blackout, black mat baffles



Custom color on request



Black body, black blackout, black metalized baffles



Grey body, black blackout, black metalized baffles



White body, black blackout, black metalized baffles

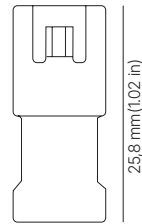
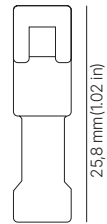
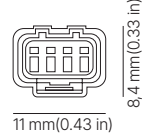
CONNECTORS & WIRES

OUTDOOR

J1X - MALE CONNECTORS

For white

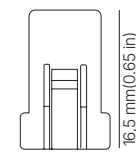
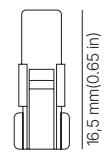
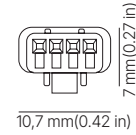
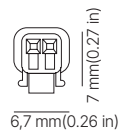
For RGB



J1X - FEMALE CONNECTORS

For white

For RGB



WIRES



TECHNICAL SPECIFICATIONS

SERTIFICATIONS



UL approved



Made in Europe



L90B10
60.000 hours



CE compliant



5- year warranty



NICHIA LEDs



KEY BENEFITS



3-step MacAdam LEDs



Stabilized current design



Wide 2000K-6500K white color range



CRI 90 +
CRI 90+tri
CRI 95
Optisolis, RGB



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



24V / 48V
voltage input



Customization for your project



Ambient light



Max length 4.5m (177.1 in)



Reverse voltage protection



External driver



Continuous line light effect without dark spots



Thermal resistance:
-25° - +50°

OPTICS

PENDANT

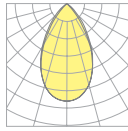
RECESSED

WALL

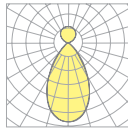


65° DIFFUSED

Direct

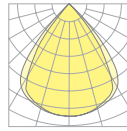


Direct / Indirect

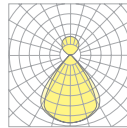


80° CLEAR

Direct



Direct / Indirect

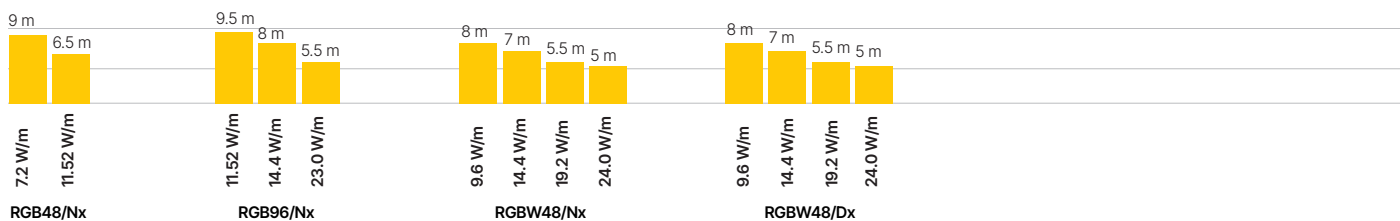
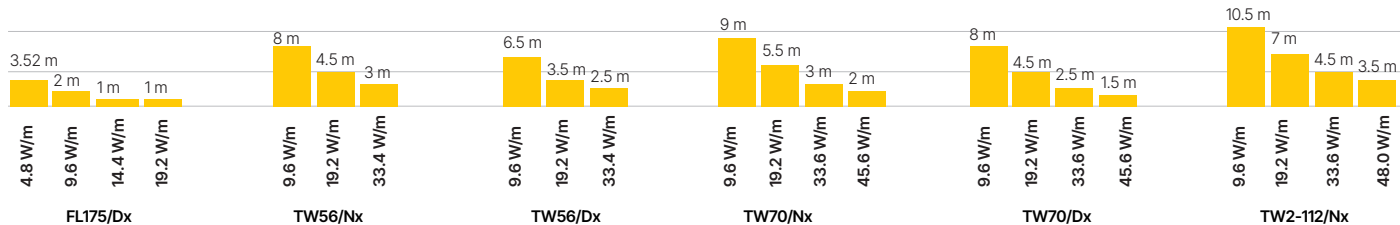
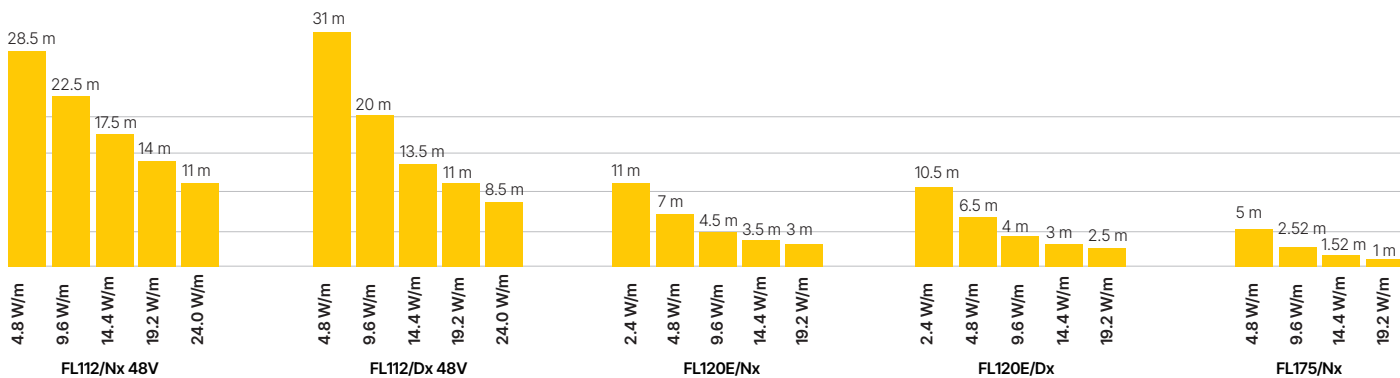
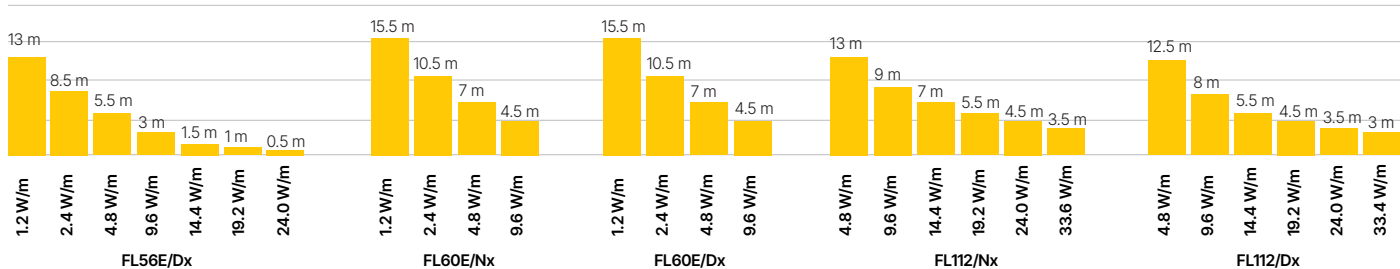
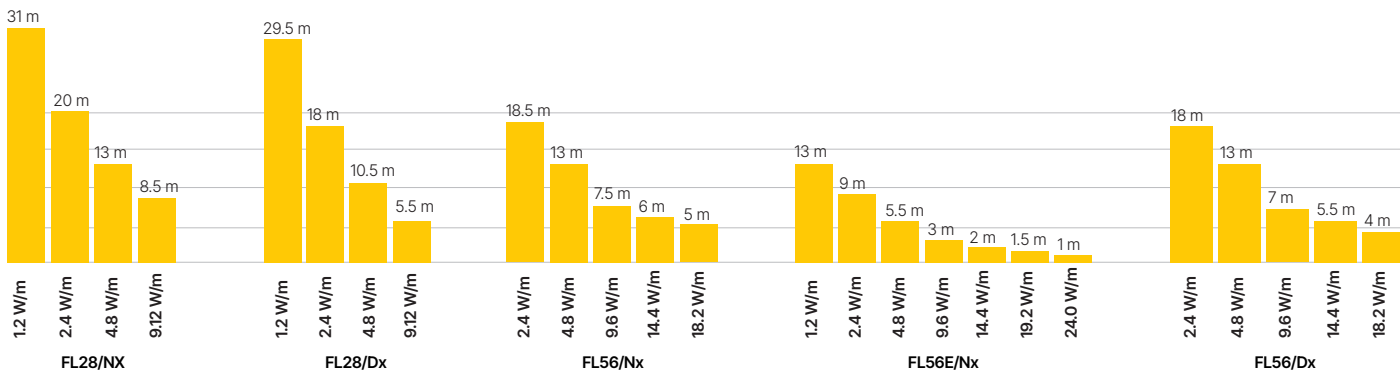


APPLICATIONS



MAX RUN

Possible max length connected to driver from single side.



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

| 0.5mm2 (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.

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Phone: +370 612 42446
email: info@holecron.com | www.holecron.com