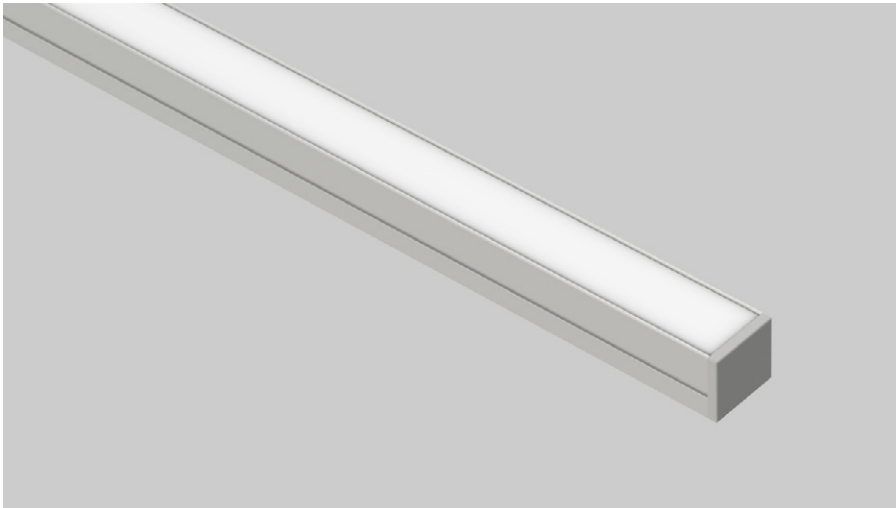


# A005M - mLine

HOLECTRON

## Specification Sheet



**Area:** Indoor Luminaires



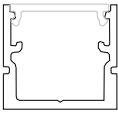
**Category:** Linear lighting / decorative lighting / Cove



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

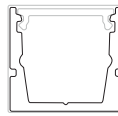
A005M surface-mounted lighting fixture is one of our smallest fixtures with homogeneous light effect. Ideal for task, accent lighting and a perfect pick for decorative backlighting.

Take advantage of widest CCT range or customize A005M with Tunable white, RGB, RGBW LED strip to create stunning projects with continuous lighting effect.



15 mm (0.59 in)

16 mm (0.63 in)



14.8 mm (0.58 in)

16 mm (0.629 in)

### TECHNICAL DATA

|                              |                            |
|------------------------------|----------------------------|
| <b>Voltage</b>               | 24 V / 48 V                |
| <b>LED lumen maintenance</b> | L90B10 > 60.000 h          |
| <b>Light engine</b>          | Any LED strip up to 24 W/m |
| <b>Control</b>               | Dimmable                   |



PROJECT

DATE

QUANTITY

NOTES

| ORDER CODE |                           |               |            |                  |              |               |         |
|------------|---------------------------|---------------|------------|------------------|--------------|---------------|---------|
| NAME       | SEGMENT TYPE              | HOUSING COLOR | COVER      | LUMINAIRE LENGTH | LED SOURCE   | POWER         | CRI 1   |
|            |                           |               |            |                  |              |               | T9      |
| CRI 2      | CCT 2 (only for TW strip) | STRIP LENGTH  | CABLE TYPE | CONNECTOR        | CABLE LENGTH | STANDART NAME | PACKING |
| T9         |                           |               | HR         |                  |              | STD           | PH      |

| NAME          | FXI.A005M                                                                                                                                           | FXI.A005a                                                        | FXI.A005a.HE                                                        |                                                                |                                                                                                                                                     |                              |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| SEGMENT TYPE  | I<br>individual luminaire,<br>2 end caps                                                                                                            | S<br>start segment,<br>back / side / end wire exit,<br>1 end cap | M<br>middle segment,<br>back / side / end wire exit,<br>no end caps | E<br>end segment,<br>back / side / end wire exit,<br>1 end cap | F<br>full module,<br>2 end cap                                                                                                                      |                              |
| WIRE EXIT     | B<br>back                                                                                                                                           | S<br>side                                                        | E<br>end                                                            |                                                                |                                                                                                                                                     |                              |
| HOUSING COLOR | AGY<br>anodized gray                                                                                                                                | PWE<br>white                                                     | PBK<br>black                                                        | PGY<br>gray                                                    | CUSTOM<br>contact sales                                                                                                                             |                              |
| COVER         | CLR<br>clear                                                                                                                                        |                                                                  | OPL<br>opal<br>homogenous                                           |                                                                |                                                                                                                                                     |                              |
| LED SOURCE    | FL112/NX<br>static white<br>62.5 mm (2.46")                                                                                                         |                                                                  | TW70/NN<br>tunable white<br>100mm (3.93")                           |                                                                | RGBW48/NN<br>RGBW<br>125 mm (4.92")                                                                                                                 |                              |
| POWER         | 4W<br>4,8 W/m 1.5 W/ft<br>737 Lm/m (225 Lm/ft)* LOR                                                                                                 |                                                                  | 9W<br>9,6 W/m 2.9 W/ft<br>1469 Lm/m (448 Lm/ft)* LOR                |                                                                | 11W<br>11,52 W/m 3.5 W/ft<br>479 Lm/m (146 Lm/ft)* LOR                                                                                              |                              |
|               | 9W<br>9,6 W/m 2.9 W/ft<br>1460 Lm/m (445 Lm/ft)* LOR                                                                                                |                                                                  | 19W<br>19,2 W/m 5.8 W/ft<br>2900 Lm/m (884 Lm/ft)* LOR              |                                                                | 14W<br>9,6 W/m 2.9 W/ft<br>600 Lm/m (183Lm/ft)* LOR                                                                                                 |                              |
|               | 14W<br>14,4 W/m 4.4 W/ft<br>2170 Lm/m (662 lm/ft)* LOR                                                                                              |                                                                  |                                                                     |                                                                | 23W<br>24 W/m 7.3 W/ft<br>962 Lm/m (293 Lm/ft)* LOR                                                                                                 |                              |
|               | 19W<br>19,2 W/m 5.8 W/ft<br>2868 Lm/m (874 lm/ft)* LOR                                                                                              |                                                                  |                                                                     |                                                                |                                                                                                                                                     |                              |
|               | 24W<br>24 W/m 7.3 W/ft<br>3552 Lm/m (1083 lm/ft)* LOR                                                                                               |                                                                  |                                                                     |                                                                | 19W<br>14,4 W/m 4.4 W/ft<br>1392 Lm/m (424 Lm/ft) * LOR                                                                                             |                              |
| CCT 1         | 18 / 20 / 22 / 25 / 27 / 30 / 35 / 40 / 50 /<br>57 / 65<br>1800K / 2000K / 2200K / 2500K / 2700K / 3000K /<br>3500K / 4000K / 5000K / 5700K / 6500K |                                                                  | 27-65<br>2700K - 6500K                                              |                                                                | 18 / 20 / 22 / 25 / 27 / 30 / 35 / 40 / 50 /<br>57 / 65<br>1800K / 2000K / 2200K / 2500K / 2700K / 3000K /<br>3500K / 4000K / 5000K / 5700K / 6500K |                              |
| CONNECTOR     | NON<br>no connectors                                                                                                                                | P1X<br>connector P1X                                             |                                                                     |                                                                |                                                                                                                                                     |                              |
| CABLE LENGTH  | L200<br>200 mm<br>79"<br>Default                                                                                                                    | L500<br>500 mm<br>1' 7.7"                                        | L1000<br>1000 mm<br>3' 3.4"                                         | L2000<br>2000 mm<br>5' 6.7"                                    | L3000<br>3000 mm<br>9' 10.1"                                                                                                                        | L5000<br>5000 mm<br>16' 4.9" |
|               |                                                                                                                                                     |                                                                  |                                                                     |                                                                |                                                                                                                                                     | L9000<br>9000 mm<br>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 NICHIA | 0.54  | 0.58  | 0.63  | 0.68  | 0.95  | 1.00  | 1.02  | 1.04  | 1.04  | 1.01  | 1.01  |

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"  | 5' 1"    |
| mm                                             |  | 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" |
| For 100 mm (3.93") LED strip cutting increment |  | L0100   | L0300    | L0400   | L0500   | L0600    | L0700   | L0800    | L0900    | L1000    | L1100    | L1200    | L1300    | L1400   | L1500    | L1600   | L1700   | L1800    | L1900   | L2000    | L2100    | L2200   | L2300   | L2400    | L2500    |
| mm                                             |  | 100     | 300      | 400     | 500     | 600      | 700     | 800      | 900      | 1000     | 1100     | 1200     | 1300     | 1400    | 1500     | 1600    | 1700    | 1800     | 1900    | 2000     | 2100     | 2200    | 2300    | 2400     | 2500     |
| in                                             |  | 3.9"    | 11.8"    | 1' 3.7" | 1' 7.7" | 1' 11.6" | 2' 3.6" | 2' 7.5"  | 2' 11.4" | 3' 3.4"  | 3' 7.3"  | 3' 11.2" | 4' 3.2"  | 4' 7.1" | 4' 11"   | 5' 3"   | 5' 6.9" | 5' 10.9" | 6' 2.8" | 6' 6.7"  | 6' 10.7" | 7' 2.6" | 7' 6.4" | 7' 10.5" | 8' 2.4"  |
| mm                                             |  | L2600   | L2700    | L2800   | L2900   | L3000    |         |          |          |          |          |          |          |         |          |         |         |          |         |          |          |         |         |          |          |
| in                                             |  | 2600    | 2700     | 2800    | 2900    | 3000     |         |          |          |          |          |          |          |         |          |         |         |          |         |          |          |         |         |          |          |
|                                                |  | 8' 6.4" | 8' 10.3" | 9' 2.2" | 9' 6.2" | 9' 10.1" |         |          |          |          |          |          |          |         |          |         |         |          |         |          |          |         |         |          |          |
| For 125 mm (4.92") LED strip cutting increment |  | L0125   | L0250    | L0375   | L0500   | L0625    | L0750   | L0875    | L1000    | L1125    | L1250    | L1375    | L1500    | L1625   | L1750    | L1875   | L2000   | L2125    | L2250   | L2375    | L2500    | L2625   | L2750   | L2875    | L3000    |
| mm                                             |  | 125     | 250      | 375     | 500     | 625      | 750     | 875      | 1000     | 1125     | 1250     | 1375     | 1500     | 1625    | 1750     | 1875    | 2000    | 2125     | 2250    | 2375     | 2500     | 2625    | 2750    | 2875     | 3000     |
| in                                             |  | 4.9"    | 9.8"     | 1' 2.8" | 1' 7.7" | 2' 0.6"  | 2' 5.5" | 2' 10.4" | 3' 3.4"  | 3' 8.3"  | 4' 1.2"  | 4' 6.1"  | 4' 11.1" | 5' 4"   | 5' 8.9"  | 6' 1.8" | 6' 6.7" | 6' 11.7" | 7' 4.6" | 7' 9.5"  | 8' 2.4"  | 8' 7.3" | 9' 0.3" | 9' 5.2"  | 9' 10.1" |

Module length = LED Strip Length + Offset

- Offsets:
- Start module:

Middle module:

End module:

Individual, end cable exit:

Individual, side or back cable exit:

Full end cable exit:

Full side or back cable exit:
- 4 mm (0.16 in)

2 mm (0.08 in)

4 mm (0.16 in)

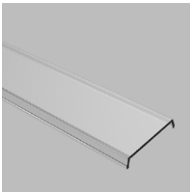
10 mm (0.39 in)

6 mm (0.24 in)

14 mm (0.55 in)

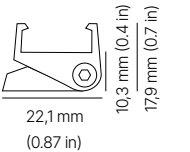
6 mm (0.24 in)

i.e. Start module length for L2000 LED strip is:  
Start module length = 2000mm + 4mm  
**Note:** Length tolerance ± 3mm/m (0.11 in)



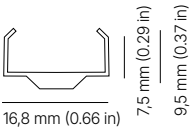
COVERS

| CODE                                                                              | DESCRIPTION |
|-----------------------------------------------------------------------------------|-------------|
| PRG.AULSI.C01.CLR                                                                 |             |
|  | Clear       |
| PRG.AULSI.C01.OPL                                                                 |             |
|  | Opal        |



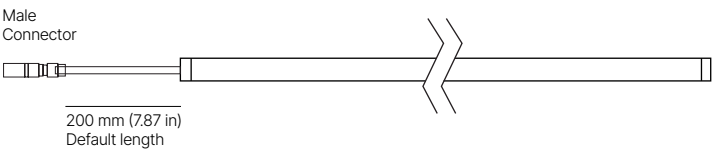
ACCESSORIES

| CODE                                                                                | DESCRIPTION       |
|-------------------------------------------------------------------------------------|-------------------|
| PRG.A002X.F06.RGY                                                                   |                   |
|  | Metal             |
| PRG.A002X.F06.PBK                                                                   |                   |
|  | Metal             |
| PRG.A002X.F04.RGY                                                                   |                   |
|  | Plastic rotatable |
| PRG.A002X.F01.GZK                                                                   |                   |
|  | Metal             |
| PRG.A002X.F01.PBK                                                                   |                   |
|  | Metal             |

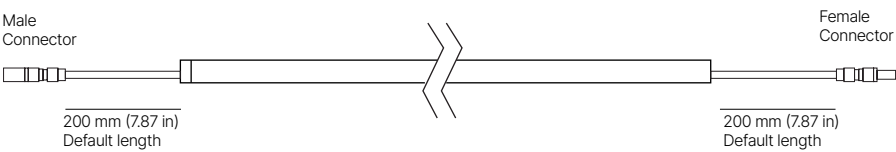


DIMENSIONS

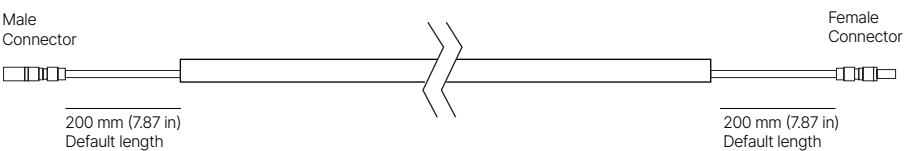
LUMINAIRE  
One cable, two endcaps



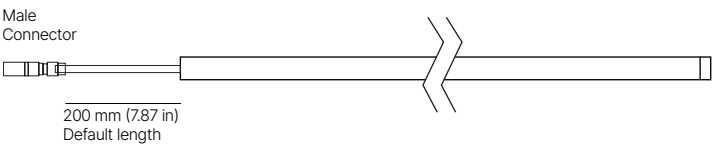
START  
Two cables, endcap at the start



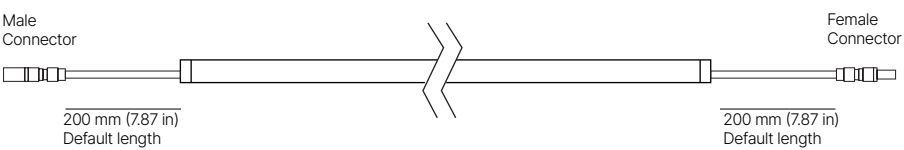
MIDDLE  
Two cables, no endcaps



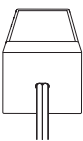
END  
One cable, endcap at the end



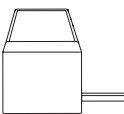
FULL MODULE  
Two cables, two endcaps



WIRE EXIT



END  
Wire comes out from profile through endcap



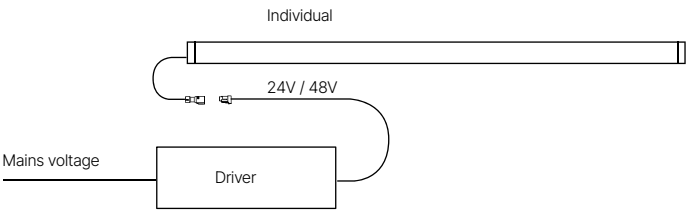
SIDE  
Wire through a hole on the side of the profile



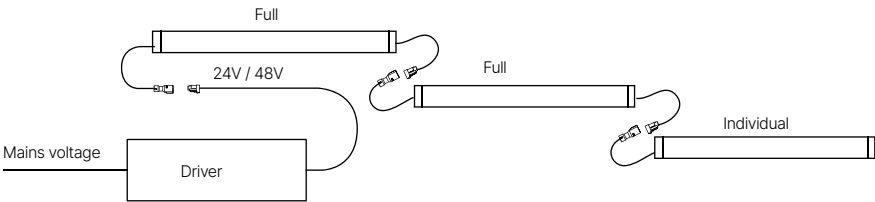
BACK  
Wire through a hole on the back of the profile

**CONNECTION TYPES**

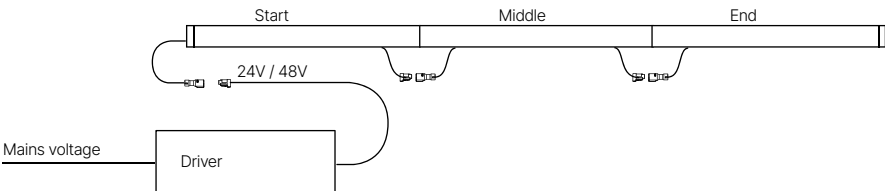
**INDIVIDUAL module**



**FULL module**



**CONTINUOUS LINE module**



CONNECTORS & WIRES

INDOOR

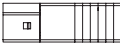
P1X - MALE CONNECTORS

For white

  
6,7 mm  
(0.26 in)

For RGB

  
11,7 mm  
(0.46 in)

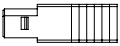
  
15,5 mm  
(0.61 in)

5 mm  
(0.2 in)

P1X - FEMALE CONNECTORS

  
6,1 mm  
(0.24 in)

  
11,1 mm  
(0.43 in)

  
15 mm  
(0.59 in)

5 mm  
(0.2 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" |

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**TECHNICAL SPECIFICATIONS****CERTIFICATIONS**

UL approved



Made in Europe

L90B10  
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, RGBControl sold separately;  
DALI, Casambi,  
1- 10V, Phase Cut24V / 48V  
voltage inputCustomization for  
your project

Ambient light

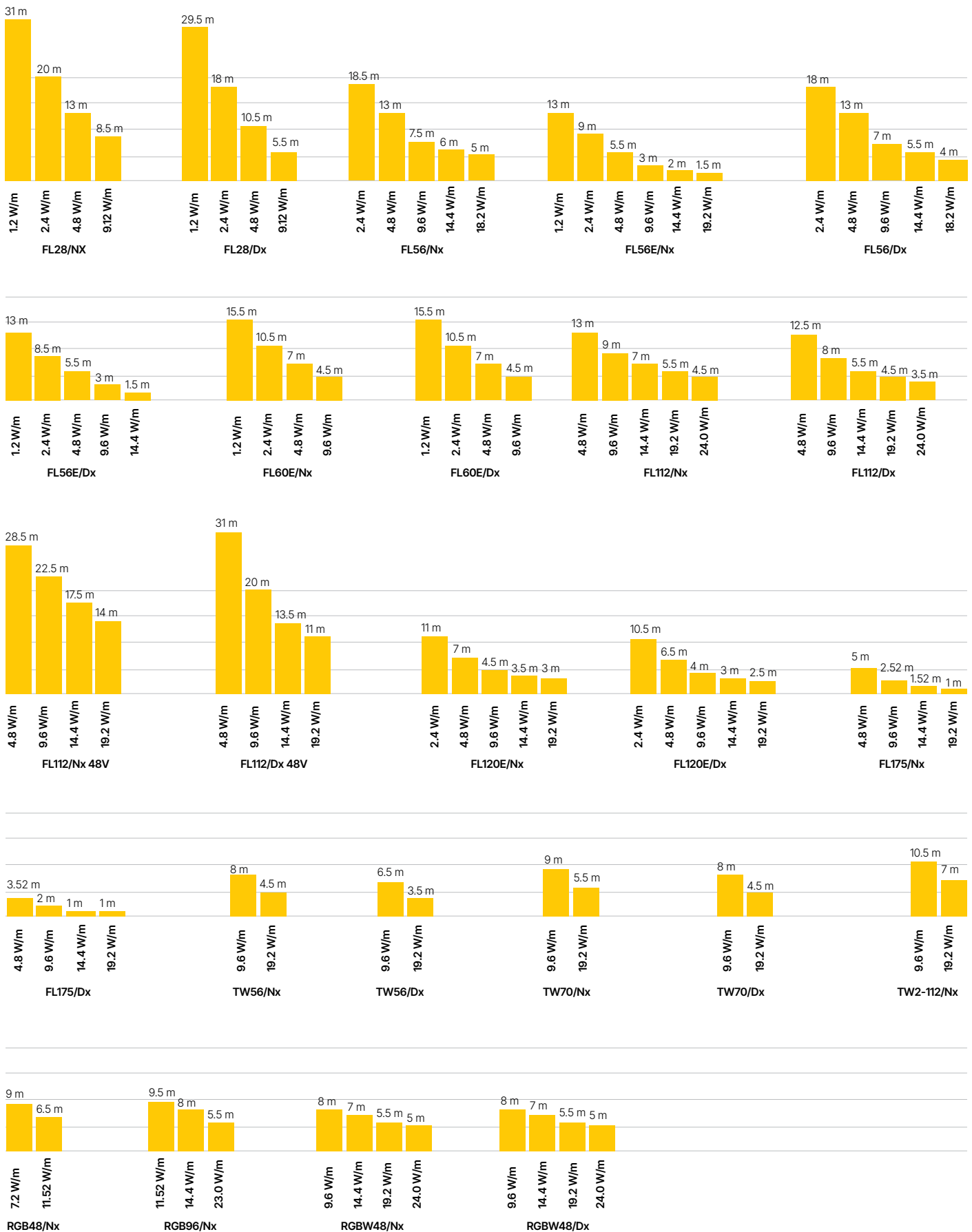
Available in any 0.5-3m  
lengthReverse voltage  
protection

External driver

Continuous line light  
effect without dark spots

## MAX RUN

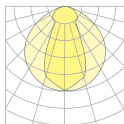
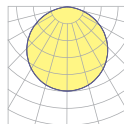
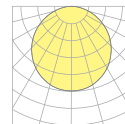
Possible max length connected to driver from single side.



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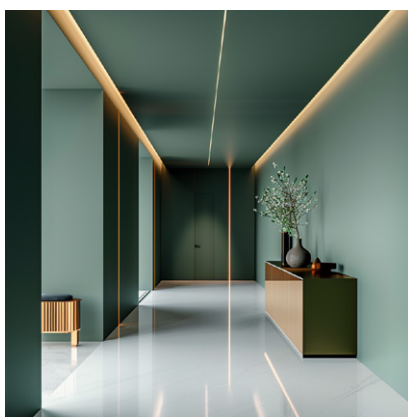
**OPTICS OUTDOOR****A005M CLR**

LOR: 56.9%

**A005M OPL****A005M OPL**

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**APPLICATIONS**



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**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 <sup>2</sup> (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               |
| <b>1.5mm<sup>2</sup> (AWG 16)</b>             |                  |                  |                   |                   |
| 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 <sup>2</sup> (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                                           | 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               |
| <b>1.5mm<sup>2</sup> (AWG 16)</b>             |                  |                  |                   |                   |
| Max cable length between luminaire and driver | Product max run  |                  |                   |                   |
| 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 TW 56 N5

| 0.5mm <sup>2</sup> (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                |
| <b>1.5mm<sup>2</sup> (AWG 16)</b>             |                  |                   |                    |
| 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 <sup>2</sup> (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                |
| <b>1.5mm<sup>2</sup> (AWG 16)</b>             |                  |                   |                    |                    |
| 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            |
| <b>1.5mm2 (AWG 16)</b>                        |                  |                   |                    |                  |
| 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              |

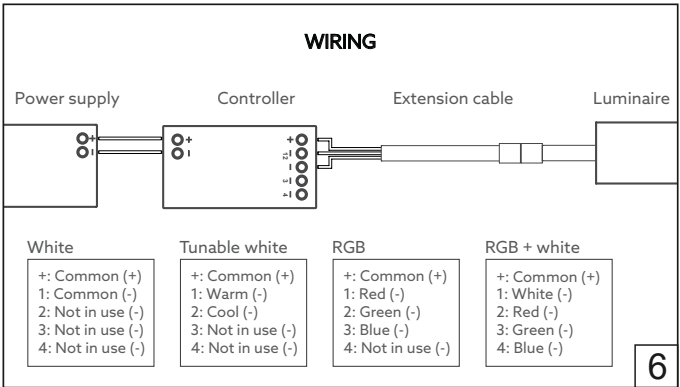
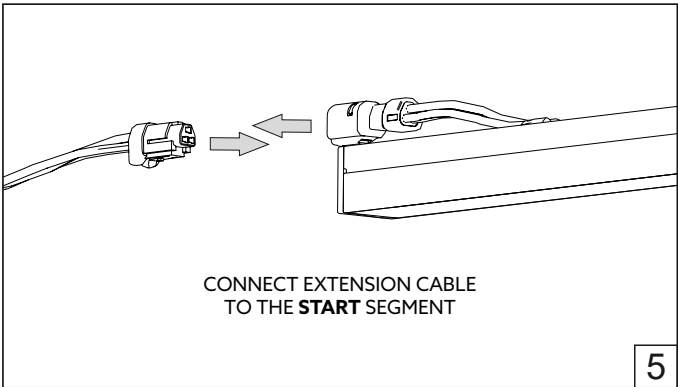
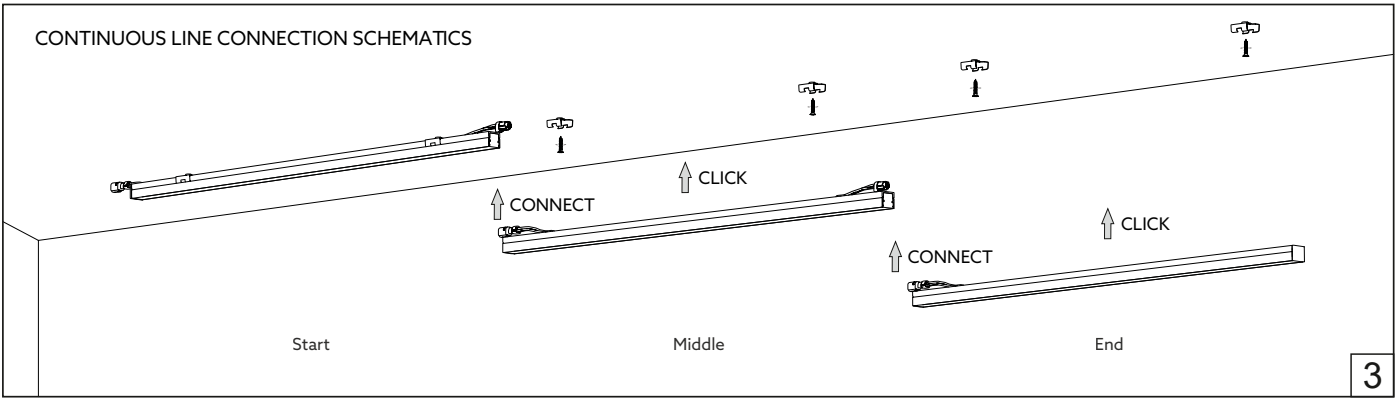
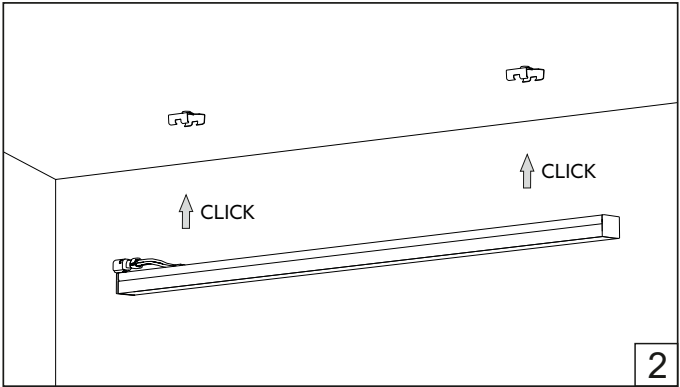
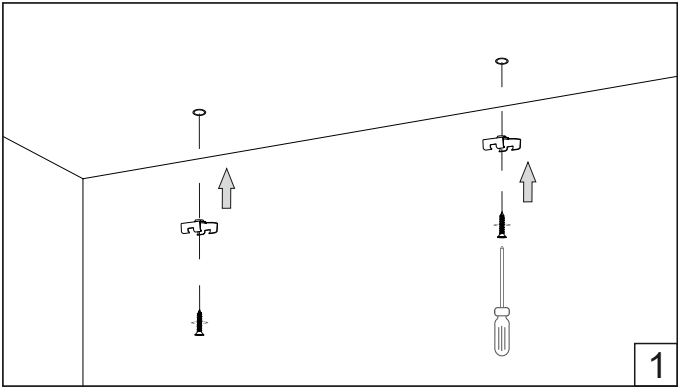
## 24V 48 RGB

| 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             |
| <b>1.5mm2 (AWG 16)</b>                        |                  |                   |
| 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               |
| <b>1.5mm2 (AWG 16)</b>                        |                   |                   |                 |
| 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           |

INSTALLATION GUIDE



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## 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.

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## 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.

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## 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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