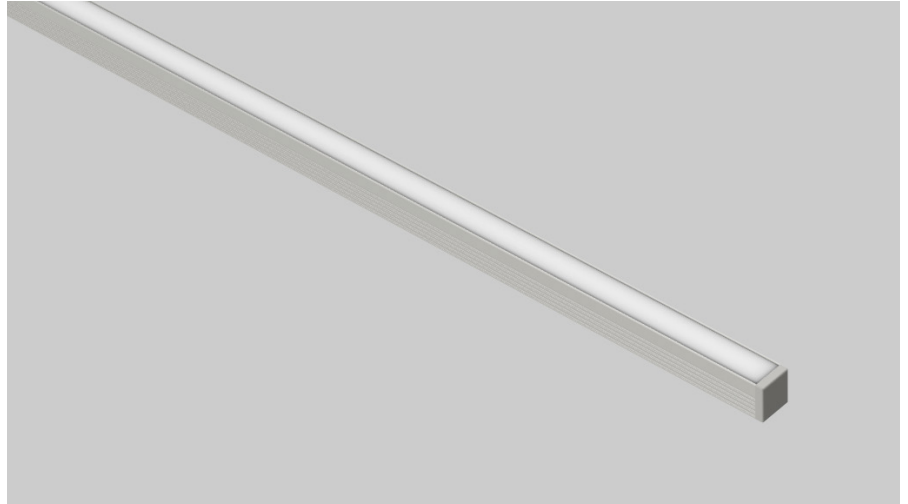


# A018N - sLine

HOLECTRON

## Specification Sheet



**Area:** Indoor Luminaires

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

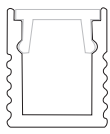


**Category:** Linear lighting / decorative lighting / Cove

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.



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



9 mm (0.35 in)

8 mm (0.31 in)

## TECHNICAL DATA

|                              |                               |
|------------------------------|-------------------------------|
| <b>Voltage</b>               | 24 V                          |
| <b>LED lumen maintenance</b> | L90B10 > 60.000 h             |
| <b>Light engine</b>          | FL 175 LED strip up to 14 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   | CCT 1 |
|-----------|--------------|---------------|------------|------------------|--------------|---------------|---------|-------|
| FXL.A018N |              |               |            |                  |              |               | T9      |       |
| CRI 2     | CCT 2        | STRIP LENGTH  | CABLE TYPE | CONNECTOR        | CABLE LENGTH | STANDART NAME | PACKING |       |
| T9        | XX           |               | HR         |                  |              | STD           | PH      |       |

| SEGMENT TYPE | <b>I</b><br>individual luminaire,<br>2 end caps | <b>S</b><br>start segment,<br>back / side wire exit,<br>1 end cap | <b>M</b><br>middle segment,<br>back / side wire exit,<br>no end caps | <b>E</b><br>end segment,<br>back / side wire exit,<br>1 end cap | <b>F</b><br>full module,<br>2 end cap |
|--------------|---|---|--|---|---------------------------------------|
|--------------|---|---|--|---|---------------------------------------|

| WIRE EXIT | <b>B</b><br>back | <b>E</b><br>end |
|-----------|------------------|-----------------|
|-----------|------------------|-----------------|

| HOUSING COLOR | <b>AGY</b><br>anodized gray | <b>PWE</b><br>white | <b>PBK</b><br>black | <b>PGY</b><br>gray | <b>CUSTOM</b><br>contact sales |
|---------------|-----------------------------|---------------------|---------------------|--------------------|--------------------------------|
|---------------|-----------------------------|---------------------|---------------------|--------------------|--------------------------------|

| COVER | <b>18N.1.OPL</b><br>opal<br>LOR*47%<br>homogenous |
|-------|---|
|-------|---|

| LED SOURCE | <b>FL175/NX G5</b><br>static white<br>40 mm (1.57") | <b>FL175/DX G5</b><br>static white<br>40 mm (1.57") |
|------------|---|---|
|------------|---|---|

| POWER | <b>4W</b><br>4,8 W/m 1.5 W/ft<br>682 Lm/m (208 Lm/ft)* LOR<br><br><b>9W</b><br>9,6 W/m 2.9 W/ft<br>1365 Lm/m (416 lm/ft)* LOR<br><br><b>14W</b><br>14,4 W/m 4.4 W/ft<br>2030 Lm/m (618 lm/ft)* LOR | <b>4W</b><br>4,8 W/m 1.5 W/ft<br>682 Lm/m (208 Lm/ft)* LOR<br><br><b>9W</b><br>9,6 W/m 2.9 W/ft<br>1365 Lm/m (416 lm/ft)* LOR<br><br><b>14W</b><br>14,4 W/m 4.4 W/ft<br>2030 Lm/m (618 lm/ft)* LOR |
|-------|--|--|
|-------|--|--|

| CCT 1 | <b>18 / 20 / 22 / 25 / 27 / 30 / 35 / 40 / 50 / 57 / 65</b><br>1800K / 2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K | <b>18 / 20 / 22 / 25 / 27 / 30 / 35 / 40 / 50 / 57 / 65</b><br>1800K / 2000K / 2200K / 2500K / 2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K |
|-------|--|--|
|-------|--|--|

| CONNECTOR | <b>NON</b><br>no connectors | <b>P1X</b><br>connector P1X |
|-----------|-----------------------------|-----------------------------|
|-----------|-----------------------------|-----------------------------|

| CABLE LENGTH | <b>L200</b><br>200 mm<br>7.9"<br>Default | <b>L500</b><br>500 mm<br>1' 7.7" | <b>L1000</b><br>1000 mm<br>3' 3.4" | <b>L2000</b><br>2000 mm<br>5' 6.7" | <b>L3000</b><br>3000 mm<br>9' 10.1" | <b>L5000</b><br>5000 mm<br>16' 4.9" | <b>L9000</b><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  |
| 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

|    |         |         |          |         |          |          |         |         |         |         |         |          |          |          |          |         |         |         |         |          |          |          |         |         |
|----|---------|---------|----------|---------|----------|----------|---------|---------|---------|---------|---------|----------|----------|----------|----------|---------|---------|---------|---------|----------|----------|----------|---------|---------|
| mm | L0040   | L0080   | L0120    | L0160   | L0200    | L0240    | L0280   | L0320   | L0360   | L0400   | L0440   | L0480    | L0520    | L0560    | L0600    | L0640   | L0680   | L0720   | L0760   | L0800    | L0840    | L0880    | L0920   | L0960   |
| in | 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" |
| mm | L1000   | L1040   | L1080    | L1120   | L1160    | L1200    | L1240   | L1280   | L1320   | L1360   | L1400   | L1440    | L1480    | L1520    | L1560    | L1600   | L1640   | L1680   | L1720   | L1760    | L1800    | L1840    | L1880   | L1920   |
| in | 1000    | 1040    | 1080     | 1120    | 1160     | 1200     | 1240    | 1280    | 1320    | 1360    | 1400    | 1440     | 1480     | 1520     | 1560     | 1600    | 1640    | 1680    | 1720    | 1760     | 1800     | 1840     | 1880    | 1920    |
|    | 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" |
| mm | L1960   | L2000   | L2010    | L2080   | L2120    | L2160    | L2200   | L2240   | L2280   | L2320   | L2360   | L2400    | L2440    | L2480    | L2520    | L2560   | L2600   | L2640   | L2680   | L2720    | L2760    | L2800    | L2840   | L2880   |
| in | 1960    | 2000    | 2010     | 2080    | 2120     | 2160     | 2200    | 2240    | 2280    | 2320    | 2360    | 2400     | 2440     | 2480     | 2520     | 2560    | 2600    | 2640    | 2680    | 2720     | 2760     | 2800     | 2840    | 2880    |
|    | 6' 5.2" | 6' 6.7" | 6' 7.1"  | 6' 9.9" | 6' 11.5" | 7' 1.1"  | 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" |
| mm | L2920   | L2960   | L3000    |         |          |          |         |         |         |         |         |          |          |          |          |         |         |         |         |          |          |          |         |         |
| in | 2920    | 2960    | 3000     |         |          |          |         |         |         |         |         |          |          |          |          |         |         |         |         |          |          |          |         |         |
|    | 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

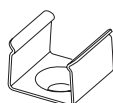
**Note:** Length tolerance ± 3mm/m (0.11 in)

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**COVERS****CODE****PRG.A018N.CO1.OPL****DESCRIPTION**

opal

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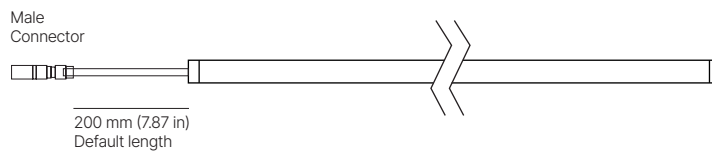
**ACCESSORIES****CODE****PRG.A018N.F01.GZK****DESCRIPTION**

Metal mounting bracket

**DIMENSIONS**

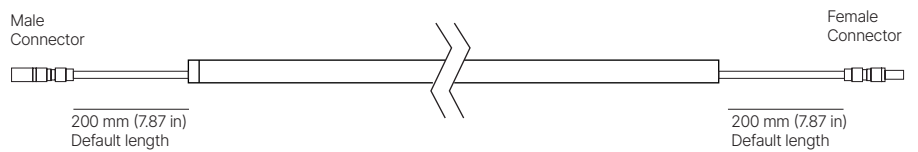
**LUMINAIRE**

One cable, two endcaps



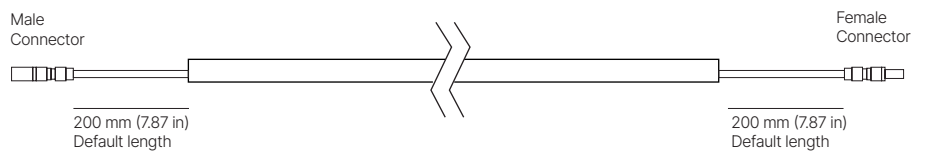
**START**

Two cables, endcap at the start



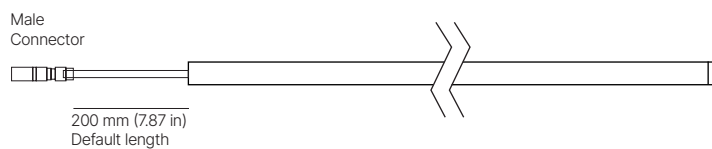
**MIDDLE**

Two cables, no endcaps



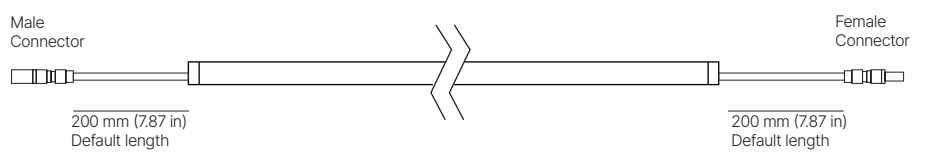
**END**

One cable, endcap at the end



**FULL MODULE**

Two cables, two endcaps



**WIRE EXIT**



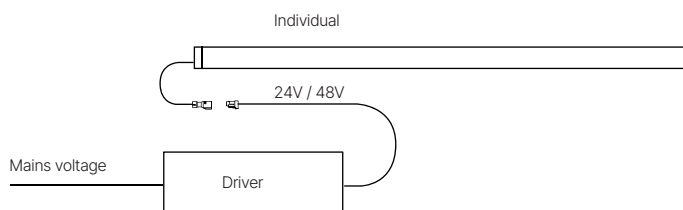
**END**  
Wire comes out from profile through endcap



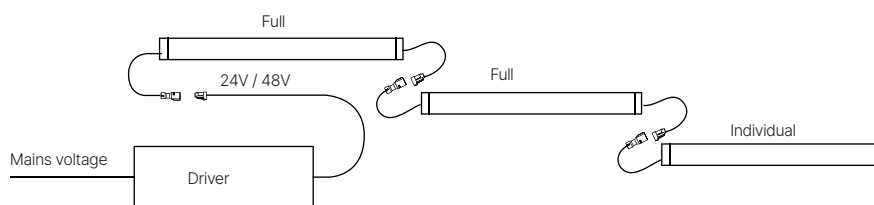
**BACK**  
Wire through a hole on the back of the profile

**CONNECTION TYPES**

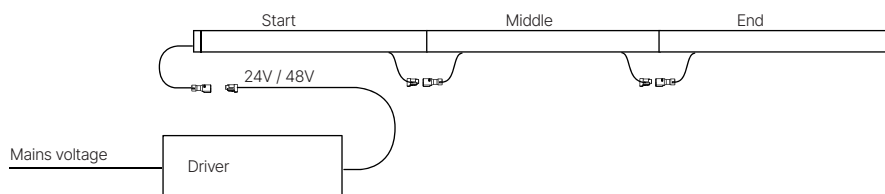
**INDIVIDUAL module**



**FULL module**



**CONTINUOUS LINE module**



**CONNECTORS & WIRES**

**INDOOR**

**P1X - MALE CONNECTORS**

For white



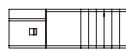
6,7 mm  
(0.26 in)

For RGB



11,7 mm  
(0.46 in)

5 mm  
(0.2 in)



15,5 mm  
(0.61 in)

5 mm  
(0.2 in)

**P1X - FEMALE CONNECTORS**

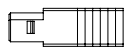


6,1 mm  
(0.24 in)



11,1 mm  
(0.43 in)

5 mm  
(0.2 in)



15 mm  
(0.59 in)

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" |

**TECHNICAL SPECIFICATIONS**

**CERTIFICATIONS**

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

**KEY BENEFITS**

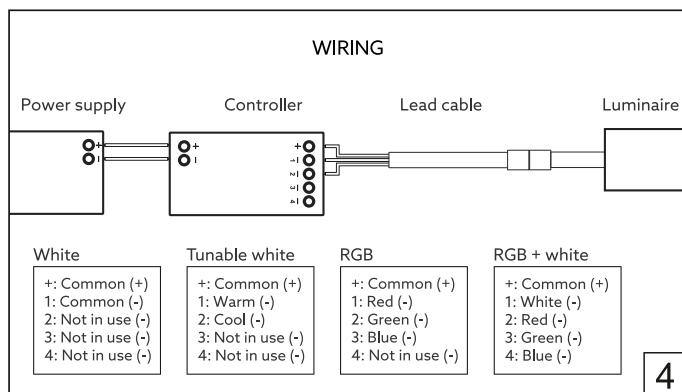
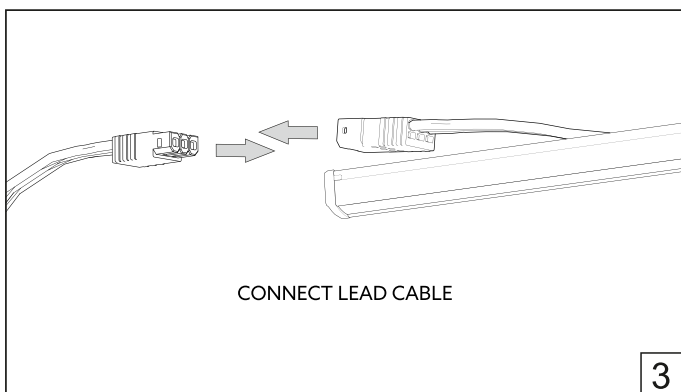
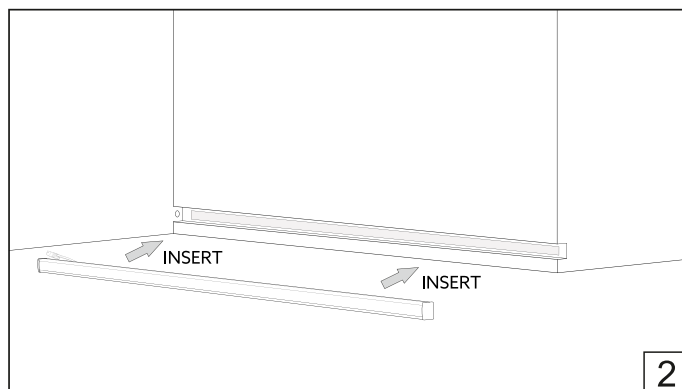
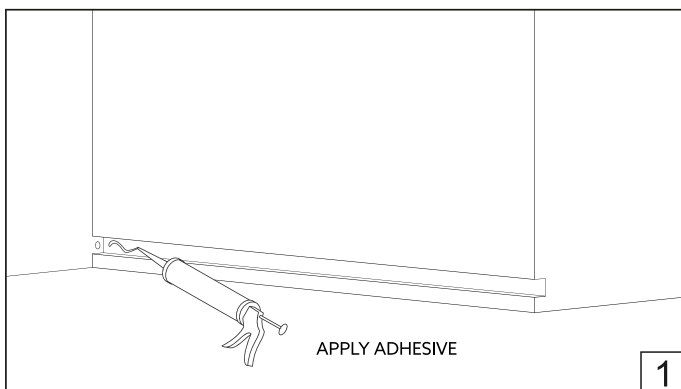
|  |   |  |
|--|---|--|
|  <p>3-step<br/>MacAdam LEDs</p>                                   |  <p>Stabilized<br/>current design</p>                                      |  <p>Wide 2000K-6500K<br/>white color range</p>                |
|  <p>CRI 90 +<br/>CRI 90+tri<br/>CRI 95<br/>Optisolis, Colors</p> |  <p>Control sold separately;<br/>DALI, Casambi,<br/>1- 10V, Phase Cut</p> |  <p>24V<br/>voltage input</p>                                |
|  <p>Customization for<br/>your project</p>                      |  <p>Ambient light</p>  |  <p>Available in any 0.5-3m<br/>length</p>                  |
|  <p>Reverse voltage<br/>protection</p>                          |  <p>External driver</p>  |  <p>Continuous line light<br/>effect without dark spots</p> |

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**APPLICATIONS**

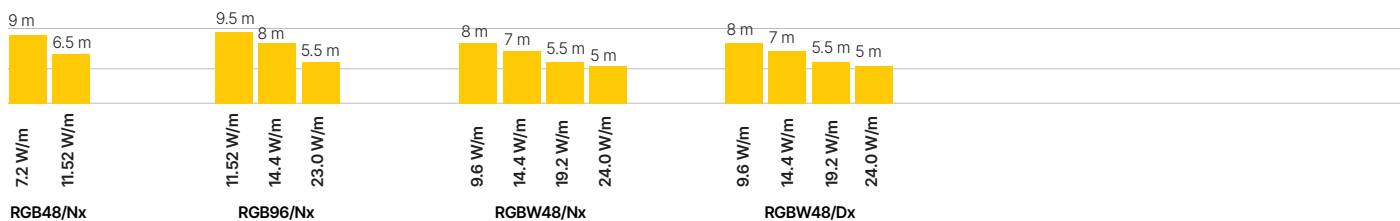
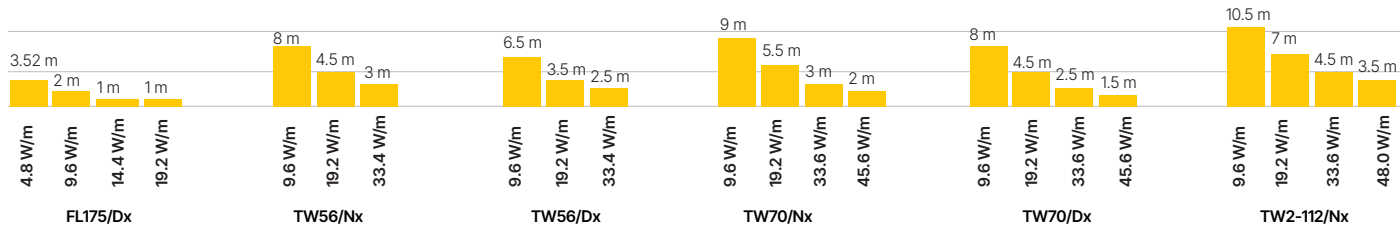
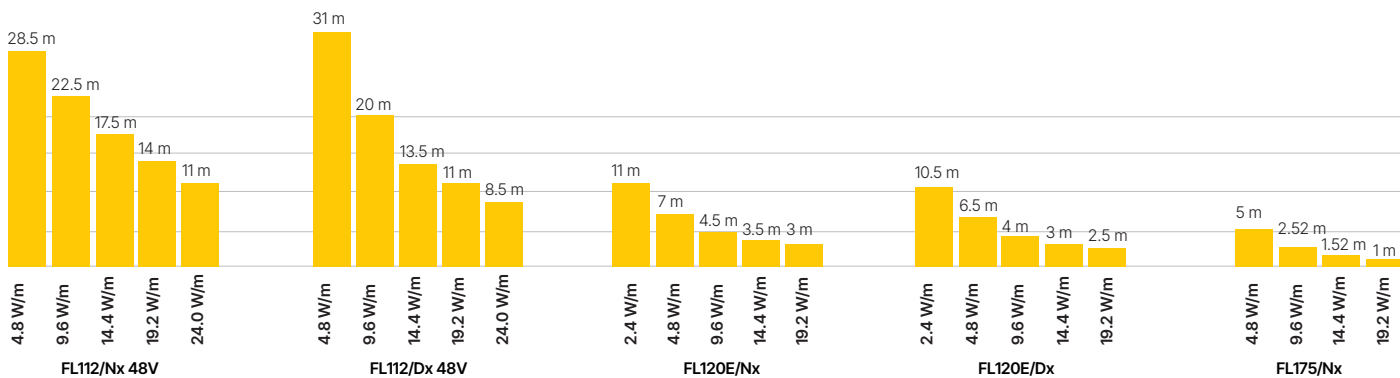
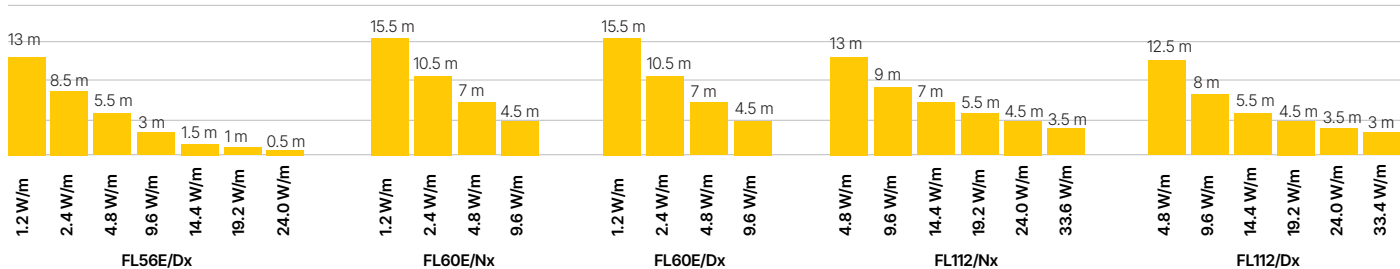
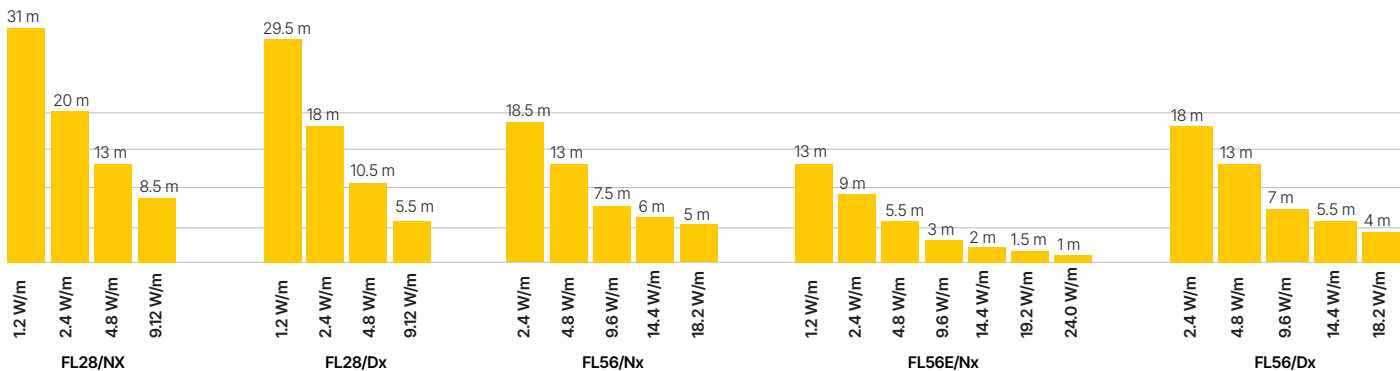


**INSTALLATION GUIDE**



**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<br>(1.5W/ft) | 9.6W/m<br>(2.9W/ft) | 14.4W/m<br>(4.4W/ft) | 19.2W/m<br>(5.9W/ft) | 24W/m<br>(7.3W/ft) | 33.6W/m<br>(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<br>(1.5W/ft) | 9.6W/m<br>(2.9W/ft) | 14.4W/m<br>(4.4W/ft) | 19.2W/m<br>(5.9W/ft) | 24W/m<br>(7.3W/ft) | 33.6W/m<br>(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<br>(1.5W/ft) | 9.6W/m<br>(2.9W/ft) | 14.4W/m<br>(4.4W/ft) | 19.2W/m<br>(5.9W/ft) | 24W/m<br>(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<br>(1.5W/ft) | 9.6W/m<br>(2.9W/ft) | 14.4W/m<br>(4.4W/ft) | 19.2W/m<br>(5.9W/ft) | 24W/m<br>(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 <sup>2</sup> (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            |

**1.5mm<sup>2</sup> (AWG 16)**

|   |                 |       |       |       |
|---|-----------------|-------|-------|-------|
| Max cable length between luminaire and driver | Product max run |       |       |       |
| 1 m   | 8 m             | 5 m   | 3 m   | 2.5 m |
| 2 m   | 8 m             | 5 m   | 3 m   | 2.5 m |
| 3 m   | 8 m             | 5 m   | 3 m   | 2.5 m |
| 5 m   | 8 m             | 5 m   | 3 m   | 2.5 m |
| 10 m  | 7.5 m           | 4.5 m | 2.5 m | 2 m   |

**24V 48 RGB**

| 0.5mm <sup>2</sup> (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             |

**1.5mm<sup>2</sup> (AWG 16)**

|   |                 |       |
|---|-----------------|-------|
| Max cable length between luminaire and driver | Product max run |       |
| 1 m   | 8.5 m           | 5.5 m |
| 2 m   | 8.5 m           | 5.5 m |
| 3 m   | 8.5 m           | 5.5 m |
| 5 m   | 8.5 m           | 5.5 m |
| 10 m  | 8 m             | 5 m   |

**24V 96 RGB**

| 0.5mm <sup>2</sup> (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               |

**1.5mm<sup>2</sup> (AWG 16)**

|   |                 |       |       |
|---|-----------------|-------|-------|
| Max cable length between luminaire and driver | Product max run |       |       |
| 1 m   | 9 m             | 7.5 m | 4.5 m |
| 2 m   | 9 m             | 7.5 m | 4.5 m |
| 3 m   | 9 m             | 7.5 m | 4.5 m |
| 5 m   | 8.5 m           | 7 m   | 4 m   |
| 10 m  | 8 m             | 6.5 m | 3.5 m |

## SAFETY / WARNINGS / DISCLOSURES

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

## SAFETY / WARNINGS / DISCLOSURES

### Limited Warranty

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

## CONSUMER'S ACKNOWLEDGMENT

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

Any statement from a Holecron employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgment that the products

purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets. There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Holecron strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Holecron products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Holecron product specifications can make the requisite decisions appropriate for a successful finished lighting application.

## HOLECTRON

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