

### ARMOR SERIES | MINI EXTERIOR LINEAR FIXTURES

Armor Series Mini Linear fixtures offer a small, sleek anodized aluminum profile with five premium optics options designed for exterior applications. Six brilliant CCTs (2700K-6000K) and four standard lengths allow mixing and matching as needed to fit any project. Choose the mounting style suitable for your design, from tilting stands for focused beam angles in tight spaces to sturdy mounting arms for rock-solid light. The Armor Series Mini Linear comes with a three-year warranty.



### GEL-FLUSH™ TECHNOLOGY

The Armor Series Mini Linear fixture is manufactured with GelFlush™ Technology. This proprietary innovation uses a special Dow Corning sealant to protect your lighting from the elements. With Acolyte's Armor Series, there's no leaking and no condensation -- just clear, unobstructed beams of light!



### Applications:

Commercial Entertainment Museums Public Spaces



IP66

### ORDERING GUIDE

| Category          | CRI          | Input Voltage | Length                         | Color Temperature | FWHM Beam Angle | Mounting Option             |
|-------------------|--------------|---------------|--------------------------------|-------------------|-----------------|-----------------------------|
| <b>MINI</b>       |              | <b>24</b>     |                                |                   |                 |                             |
| MINI - Armor MINI | 80 - 80+ CRI | 24 - 24 VDC   | 8 - 8.5 in. / 215 mm (6 W)     | 27 - 2700K        | 10x40 - 10x40°  | SI - Snap-In                |
|                   | 90 - 90+ CRI |               | 16 - 16.1 in. / 410 mm (12 W)  | 30 - 3000K        | 15 - 15x15°     | TS - Tilttable Stand        |
|                   |              |               | 24 - 23.8 in. / 605 mm (18 W)  | 35 - 3500K        | 20 - 20x20°     | TSL - Large Tilttable Stand |
|                   |              |               | 47 - 46.9 in. / 1190 mm (36 W) | 40 - 4000K        | 35 - 35x35°     |                             |
|                   |              |               |                                | 50 - 5000K        | 50 - 50x50°     |                             |
|                   |              |               |                                | 60 - 6000K        |                 |                             |

### OPTIONAL ACCESSORIES:

#### 1.) Armor Series Mounting Arms:

Small: ARMORMNT0609  
Large: ARMORMNT1422

#### 2.) Symmetric Louver:

MINILOUV215 (215 mm)  
MINILOUV410 (410 mm)  
MINILOUV605 (605 mm)  
MINILOUV1190 (1190 mm)

#### 3.) Asymmetric Louver:

MINIALOUV215 (215 mm)  
MINIALOUV410 (410 mm)  
MINIALOUV605 (605 mm)  
MINIALOUV1190 (1190 mm)

#### 5.) 2 Pin Male to Female Jumper Cable:

MINIJUMPMF1000 (1000 mm)  
MINIJUMPMF2000 (2000 mm)

#### 4.) Glare Shield:

MINISHLD215 (215 mm)  
MINISHLD410 (410 mm)  
MINISHLD605 (605 mm)  
MINISHLD1190 (1190 mm)

#### 6.) 2 Pin Female Cable to Bare Wire:

MINICBLFB300 (300 mm)  
MINICBLFB500 (500 mm)  
MINICBLFB1000 (1000 mm)  
MINICBLFB2000 (2000 mm)

### DRIVERS:

#### 96 W Non-dimming Driver



Driver Part No.: DRVW2496

#### 0-10V Dimmable Waterproof Drivers



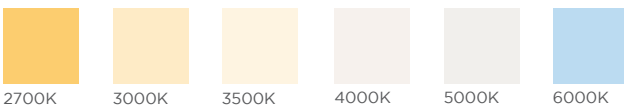
96W Part No.: DRVW249610P  
288W Part No.: DRVW2428810P

#### ELV/MLV Dimmable Drivers

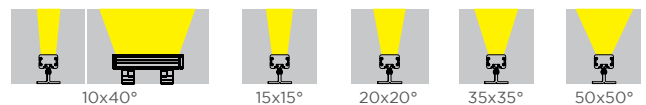


60W Part No.: DRVW2460ELVMLV  
96W Part No.: DRVW2496ELVMLV  
150W Part No.: DRVW24150ELVMLV  
300W Part No.: DRVW24300ELVMLV

### AVAILABLE COLOR TEMPERATURES



### AVAILABLE BEAM ANGLES



SPECIFICATIONS

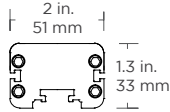
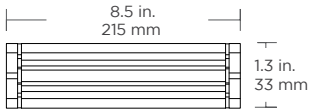
|                          |  |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
|--------------------------|--|----------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|--------------------|----------------|----------------|----------------|-------------|
| Operating Voltage        | 24 VDC   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Length                   | 8.5 in. / 215 mm   |                |                |                |                | 16.1 in. / 410 mm |                |                |                |                | 23.8 in. / 605 mm |                |                |                |                | 46.9 in. / 1190 mm |                |                |                |             |
| Power Consumption        | 6 W  |                |                |                |                | 12 W              |                |                |                |                | 18 W              |                |                |                |                | 36 W               |                |                |                |             |
| LEDs per Fixture         | 6 LEDs   |                |                |                |                | 12 LEDs           |                |                |                |                | 18 LEDs           |                |                |                |                | 36 LEDs            |                |                |                |             |
| Amperage                 | 0.25 A   |                |                |                |                | 0.5 A             |                |                |                |                | 0.75 A            |                |                |                |                | 1.5 A              |                |                |                |             |
| Color Temperature        | 2700K, 3000K, 3500K 4000K, 5000K, 6000K  |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| LED Beam Angle           | 15<br>x<br>15°   | 20<br>x<br>20° | 35<br>x<br>35° | 50<br>x<br>50° | 10<br>x<br>40° | 15<br>x<br>15°    | 20<br>x<br>20° | 35<br>x<br>35° | 50<br>x<br>50° | 10<br>x<br>40° | 15<br>x<br>15°    | 20<br>x<br>20° | 35<br>x<br>35° | 50<br>x<br>50° | 10<br>x<br>40° | 15<br>x<br>15°     | 20<br>x<br>20° | 35<br>x<br>35° | 50<br>x<br>50° | 10°x<br>40° |
| Lumen Output / Foot      | 933.5  | 945.1          | 842.9          | 828.8          | 959.7          | 933.5             | 945.1          | 842.9          | 828.8          | 959.7          | 933.5             | 945.1          | 842.9          | 828.8          | 959.7          | 933.5              | 945.1          | 842.9          | 828.8          | 959.7       |
| Lumen Output / Meter     | 3062.8   | 3100.8         | 2765.3         | 2719           | 3148.8         | 3062.8            | 3100.8         | 2765.3         | 2719           | 3148.8         | 3062.8            | 3100.8         | 2765.3         | 2719           | 3148.8         | 3062.8             | 3100.8         | 2765.3         | 2719           | 3148.8      |
| Efficacy (lm/W)          | 101.6  | 102.9          | 91.7           | 90.2           | 104.4          | 101.6             | 102.9          | 91.7           | 90.2           | 104.4          | 101.6             | 102.9          | 91.7           | 90.2           | 104.4          | 101.6              | 102.9          | 91.7           | 90.2           | 104.4       |
| Total Lumens             | 658.5  | 666.7          | 594.5          | 584.6          | 677            | 1255.8            | 1271.3         | 1133.8         | 1114.8         | 1291           | 1853              | 1876           | 1673           | 1645           | 1905           | 3644.7             | 3690           | 3290.7         | 3238.6         | 3747        |
| Max. Run Length          | 14 fixtures  |                |                |                |                | 6 fixtures        |                |                |                |                | 6 fixtures        |                |                |                |                | 4 fixtures         |                |                |                |             |
| Weight                   | 1.06 lb / 0.48 kg  |                |                |                |                | 1.87 lb / 0.85 kg |                |                |                |                | 2.65 lb / 1.2 kg  |                |                |                |                | 3.3 lb / 1.5 kg    |                |                |                |             |
| Control System           | 0-10V, DALI  |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| CRI                      | 80+ or 90+ CRI   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| LED Binning (SDCM)       | 3-step (80+ CRI) or 2-step (90+ CRI)   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Binning Tolerance        | +/- 100K   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Ambient Temperature      | -40 — 122 °F (-40 — 50 °C)   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Housing / Lens Materials | Housing: Extruded Aluminium / Lens: Clear UV Protected PMMA<br>Cover: Tempered Glass<br>End Caps: Extruded Aluminium / Brackets: Extruded Aluminium<br>Housing, bracket, end cap material - 6063 high density aluminum alloy |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Connector                | 2 pin power connector  |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Cable Length             | 11.81 in. / 300 mm   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Protection Rating        | IP66   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Impact Rating            | IK08   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Mounting Options         | Snap-In Clip, Tilttable Stand (140° adjustable), Large Tilttable Stand (180° adjustable), Mounting Arms (available in 2 different sizes)   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Lamp Life                | 50,000 hours   |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Certifications           | CE, ETL / Luminaires - UL 1598, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 /<br>Luminaires - CSA C22.2 No.250.0-08, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 (R2013)                         |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |
| Fixture Color Finish     | Anodized silver  |                |                |                |                |                   |                |                |                |                |                   |                |                |                |                |                    |                |                |                |             |

\* ALL LUMEN DATA IS FROM 3000K 80+ CRI FIXTURES

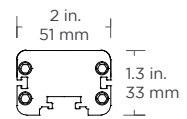
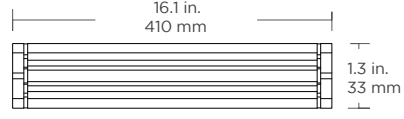
SPECIFICATIONS / DIMENSIONS

DIMENSIONS

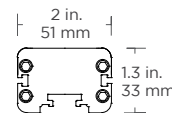
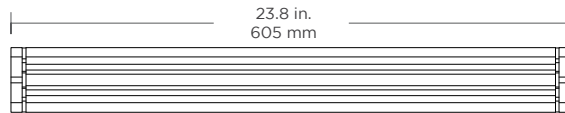
8.5 in. / 215 mm:



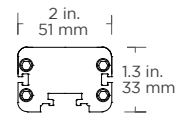
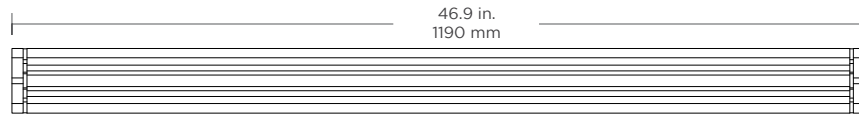
16.1 in. / 410 mm:



23.8 in. / 605 mm:



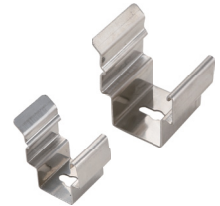
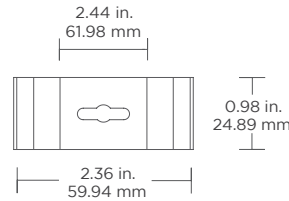
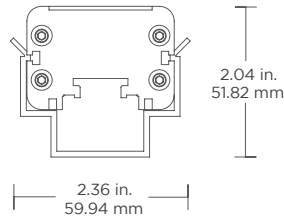
46.9 in. / 1190 mm:



MOUNTING HARDWARE

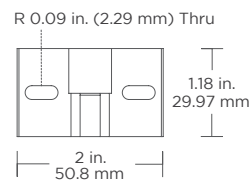
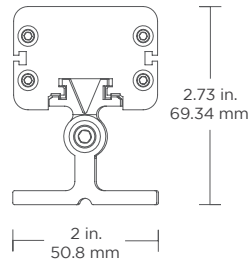
**Snap-In Clip**

For narrow installations where mounting clips need to be installed first



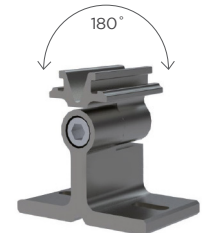
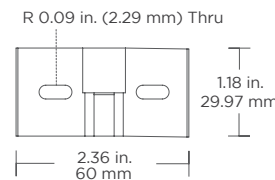
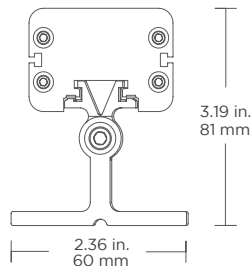
**Tiltable Stand**

For adjustable mounting angles from 0-140°



**Large Tiltable Stand**

For adjustable mounting angles from 0-180°

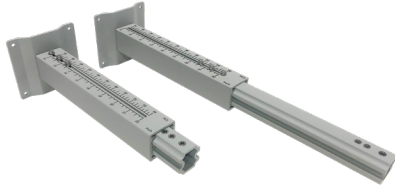


MOUNTING HARDWARE / ACCESSORIES

MOUNTING HARDWARE

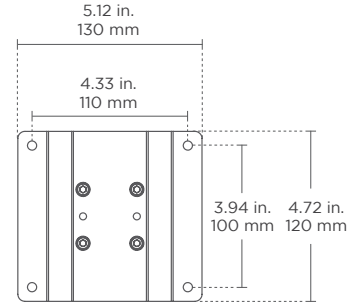
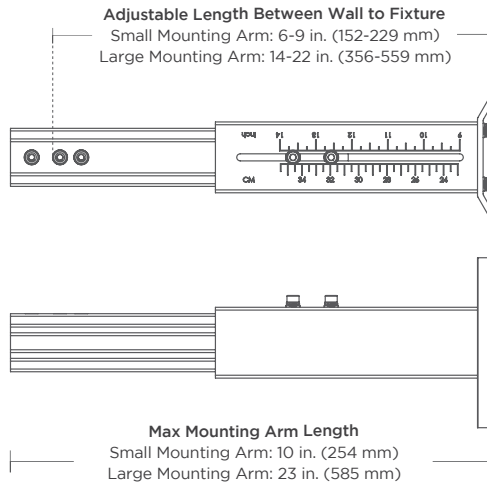
Mounting Arms

Small Mounting Arm Part Number: ARMORMNT0609  
Large Mounting Arm Part Number: ARMORMNT1422



Armor Series Mounting Arm

Adjustable mounts (in 3 sizes) help set desired angle and distance from lighting surface



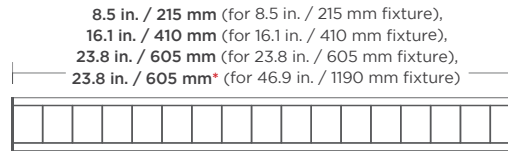
ACCESSORIES

Part Number: MINILOUV

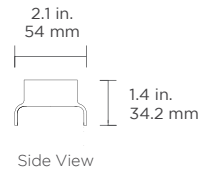


Louver

For glare reduction  
Note: This will affect beam angle



Not recommended for exterior applications  
\* Needs two 24 in. Louvers for 46.9 in. fixture

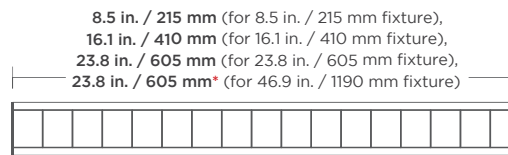


Part Number: MINIALOUV

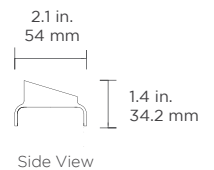


Asymmetric Louver

For glare reduction  
Note: This will affect beam angle



Not recommended for exterior applications  
\* Needs two 24 in. Asymmetric Louvers for 46.9 in. fixture

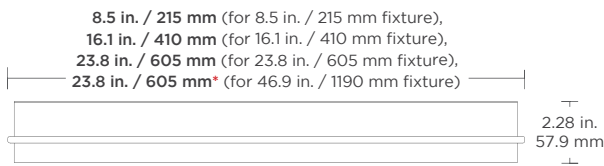


Part Number: MINISHLD

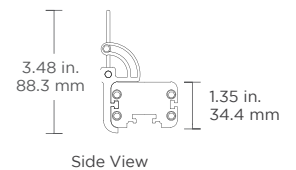


Glare Shield

To reduce glare or redirect light



Adds 2 in./50.8 mm to the height of the fixture  
\* Needs two 24 in. Glare Shields for 46.9 in. fixture



Part Number: MINICBLFB



2 Pin Female Cable To Bare Wire  
To bare wire for incoming power

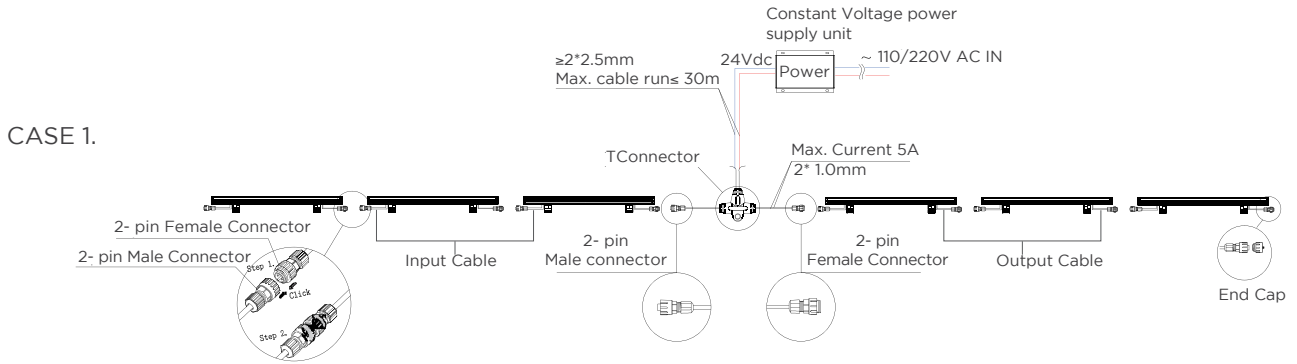
Part Number: MINIJUMPMF



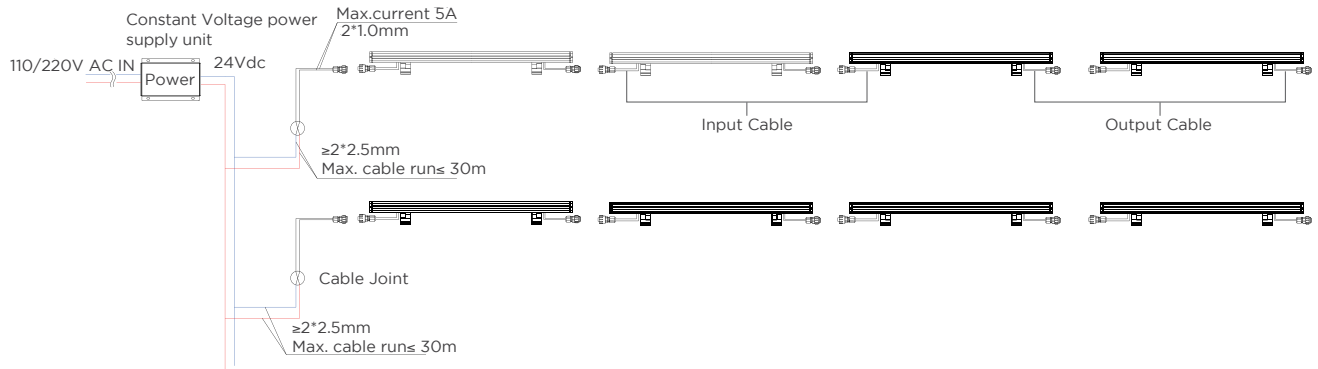
2 Pin Male To Female Jumper Cable  
To connect 2 pin male connector to 2 pin female connector  
Default cable length: 11.81 in. / 30 cm  
(Consult factory for custom length)

CONNECTION

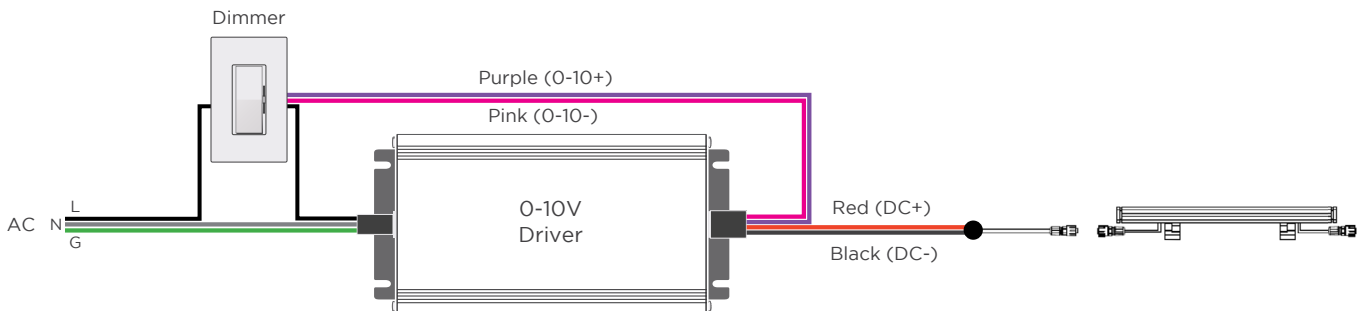
NON-DIMMING FOR CASE 1:



CASE 2.

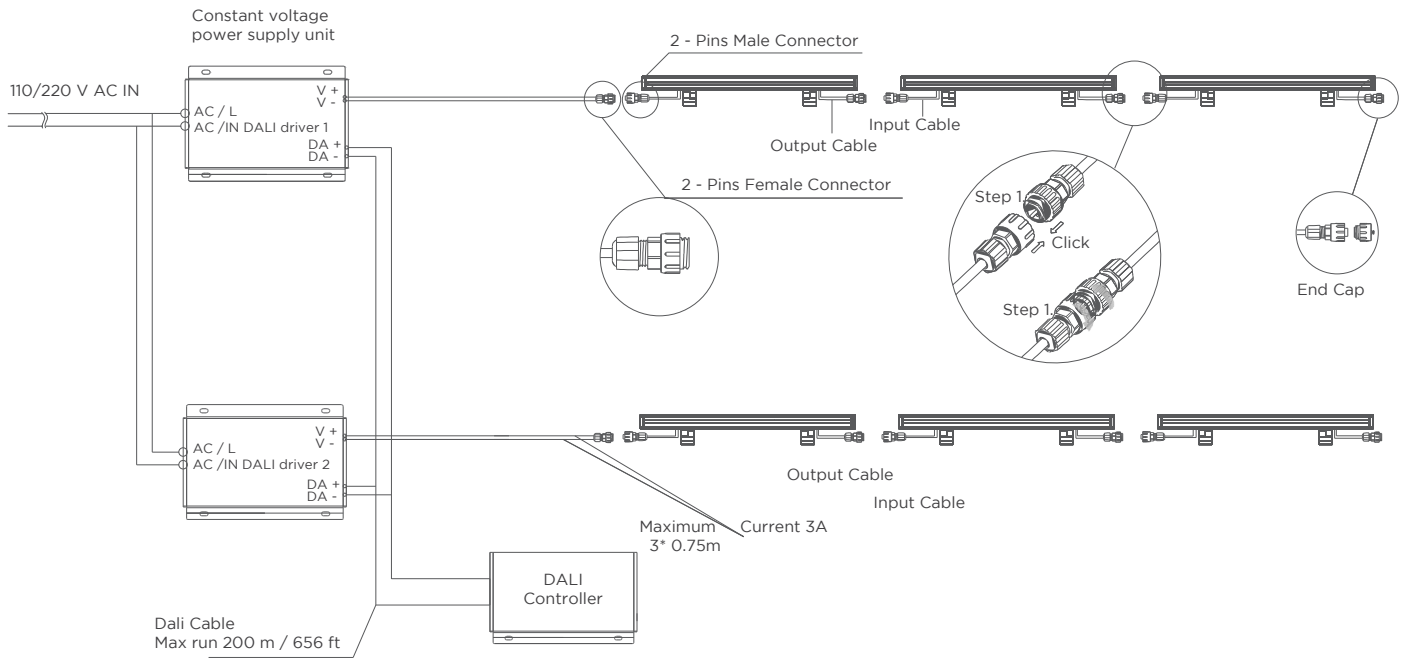


0-10V DIMMING:

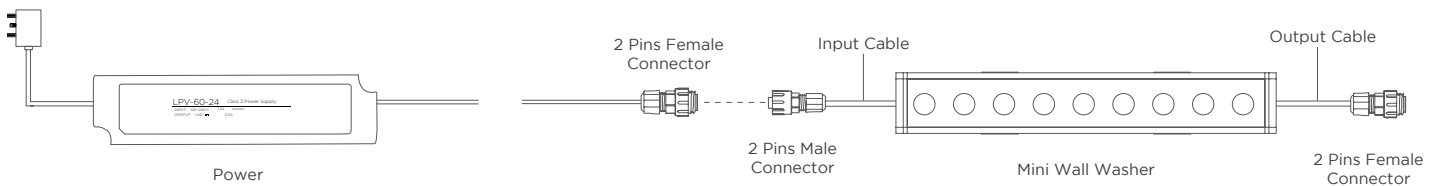


CONNECTION

DALI DIMMING:



CONNECTORS:



REV.26NOV2024

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