

# LFO-50

## SYMMETRIC/ ASYMMETRIC FLEXIBLE WALL WASHER LED STRIP

Project \_\_\_\_\_  
Location \_\_\_\_\_  
Quote/ Ref # \_\_\_\_\_

**LFO-50 Series** is a surface mounted, architectural-grade flexible LED luminaire system designed for wall washing, grazing, cove and other accent applications. It can easily be mounted to nearly any surface, with customizable lengths in 6 inch increments. It is silicone encapsulated for durability & reliability making it suitable for indoor and outdoor applications.



### SPECIFICATIONS

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| INPUT VOLTAGE         | 24V DC                                                      |
| POWER CONSUMPTION     | 6W per Ft.                                                  |
| LUMEN OUTPUT          | 622 Lm (Symmetric)<br>513 Lm (Asymmetric)                   |
| NO. OF LEDs           | 14 LEDs per Ft. (Symmetric)<br>10 LEDs per Ft. (Asymmetric) |
| BEAM ANGLE            | 20°/ 30°/ 50°/ 25°x40°(Symmetric)<br>110°x70° (Asymmetric)  |
| CRI                   | 90+                                                         |
| COLOR TEMPERATURE     | 27K/ 30K/ 35K/ 40K/ 50K                                     |
| DIMMING               | MLV, ELV, 0-10 and TRIAC                                    |
| MAXIMUM RUN LENGTH    | 16 Ft.                                                      |
| FIELD CUTTABLE        | Every 6.0 in (152.4mm)                                      |
| IP RATING             | IP67 Wet Location (Outdoor)                                 |
| LUMEN MAINTENANCE     | 50,000 Hrs.                                                 |
| CERTIFICATIONS        | UL Listed, TITLE 24 JA8, ETL, RoHS                          |
| OPERATING TEMPERATURE | -40°F (-40°C) to +113°F (+45°C)                             |

### FEATURES

- 6W per Ft
- 100 Lumens per Watt
- Maximum Run Length 16Ft.
- 90+ CRI
- California TITLE 24 JA8 Compliant
- High efficacy level
- Multiple CCT Options available
- Superior COLOR RENDERING INDEX (CRI)
- Dimmable with CORE Lighting dimmable drivers

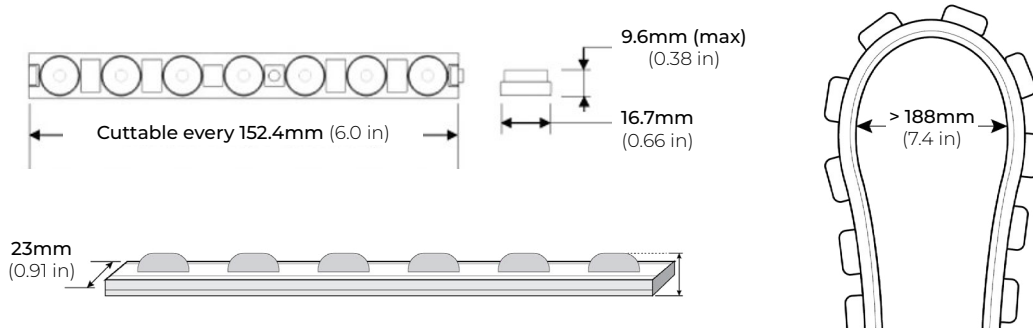


| MODEL  | COLOR TEMP          | OPTIC                                      | LENGTH                                            | VOLTAGE             | POWER FEED                        |
|--------|---------------------|--------------------------------------------|---------------------------------------------------|---------------------|-----------------------------------|
| LFO-50 | <b>27K</b><br>2700K | <b>20</b><br>20°                           | <b>10</b><br>10 Ft.                               | <b>24</b><br>24V DC | <b>IP67SFL</b><br>Side Feed Left  |
|        | <b>30K</b><br>3000K | <b>30</b><br>30°                           |                                                   |                     | <b>IP67SFR</b><br>Side Feed Right |
|        | <b>35K</b><br>3500K | <b>50</b><br>50°                           | <b>IP67EF</b><br>End Feed                         |                     |                                   |
|        | <b>40K</b><br>4000K | <b>2540</b><br>25° x 40°                   |                                                   |                     |                                   |
|        | <b>50K</b><br>5000K | <b>11070</b><br>110° x 70°<br>(Asymmetric) |                                                   |                     |                                   |
|        |                     |                                            | *1 = Custom length per FT.<br>(cuttable every 6") |                     |                                   |

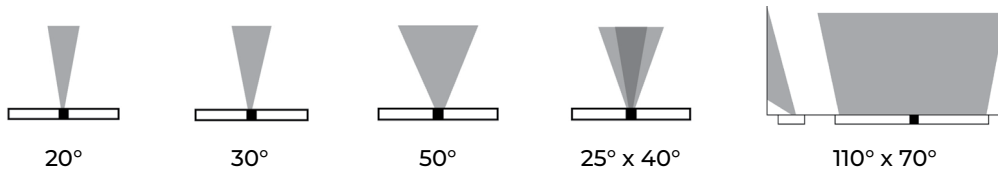
# LFO-50

## SYMMETRIC/ ASYMMETRIC FLEXIBLE WALL WASHER LED STRIP

### DIMENSIONS

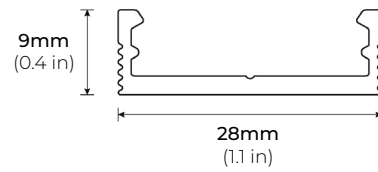


### OPTICS

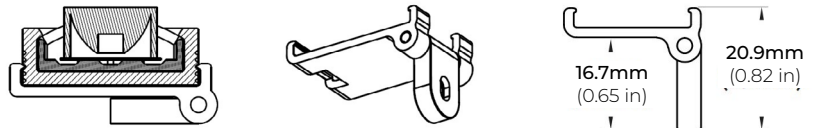


### ACCESSORIES

LFO-AC48  
LFO-AC96  
ALUMINUM PROFILE



LFO-ASB  
ADJUSTABLE BRACKET

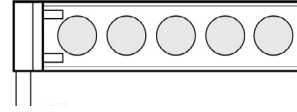


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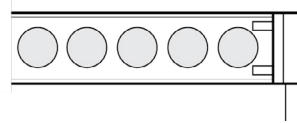
## SYMMETRIC/ ASYMMETRIC FLEXIBLE WALL WASHER LED STRIP

### IP67 POWER FEED

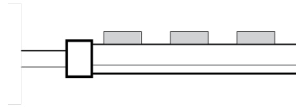
IP67FL  
SIDE LEFT FEED



IP67FR  
SIDE RIGHT FEED



IP67EF  
END FEED



### CABLES

LFO-LNK-12-M  
LFO-LNK-36-M  
LFO-LNK-72-M  
LFO-LNK-120-M  
12", 36", 72", 120" MALE CONNECTOR



LFO-LNK-12-F  
LFO-LNK-36-F  
LFO-LNK-72-F  
LFO-LNK-120-F  
12", 36", 72", 120" FEMALE CONNECTOR



LFO-HWC-72  
LFO-HWC-120  
LFO-HWC-25  
72", 120" HARDWIRE CABLE  
25 FT. HARDWIRE CABLE  
\*Sold Separately



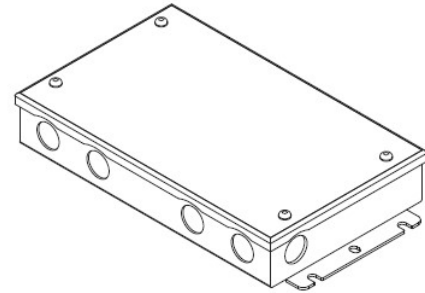
# LFO-50

## SYMMETRIC/ASYMMETRIC FLEXIBLE WALL WASHER LED STRIP

### COMPATIBLE TRANSFORMERS

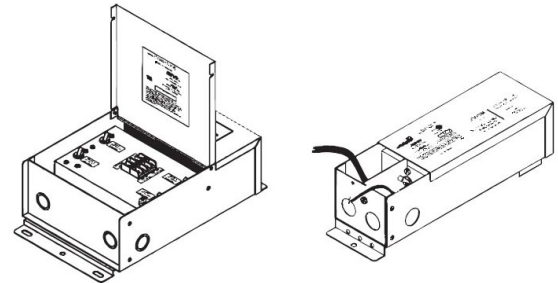
#### PSDL SERIES TRIAC DIMMABLE

|               |         |                        |
|---------------|---------|------------------------|
| PSDL-30W-24V  | CLASS 2 | 6.5" X 3.63" X 1.03"   |
| PSDL-60W-24V  | CLASS 2 | 7.4" X 3.63" X 1.03"   |
| PSDL-96W-24V  | CLASS 2 | 8.67" X 3.67 X 1.62"   |
| PSDL-150W-24V |         | 8.67" X 3.67" X 1.62"  |
| PSDL-192W-24V | CLASS 2 | 10.25" X 4.06" X 1.82" |
| PSDL-200W-24V |         | 10.25" X 4.06" X 1.82" |
| PSDL-288W-24V | CLASS 2 | 10.25" X 4.06" X 1.82" |
| PSDL-300W-24V |         | 10.25" X 4.06" X 1.82" |



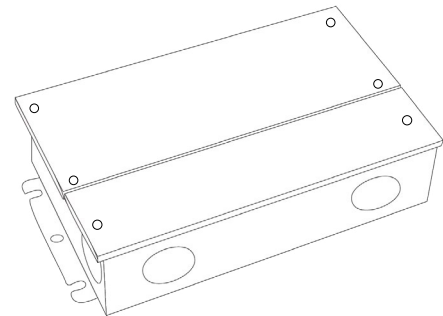
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

|               |         |                        |
|---------------|---------|------------------------|
| PSDH-48W-24V  | CLASS 2 | 11.25" X 3.37" X 3.25" |
| PSDH-96W-24V  | CLASS 2 | 11.25" X 3.37" X 3.25" |
| PSDH-288W-24V | CLASS 2 | 14.25" X 8.43" X 4.43" |



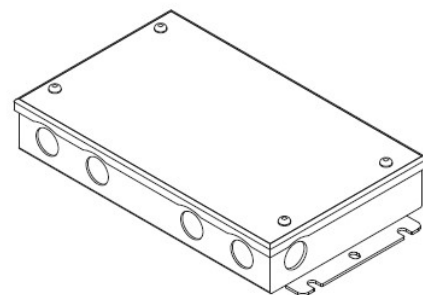
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

|               |         |                        |
|---------------|---------|------------------------|
| PSRX-30W-24V  | CLASS 2 | 6.5" X 3.72" X 1.57"   |
| PSRX-60W-24V  | CLASS 2 | 7.4" X 3.72" X 1.57"   |
| PSRX-96W-24V  | CLASS 2 | 8.66" X 3.72" X 1.57"  |
| PSRX-150W-24V |         | 10.24" X 4.13" X 1.77" |
| PSRX-192W-24V | CLASS 2 | 11" X 4" X 1.82"       |
| PSRX-200W-24V |         | 10.24" X 4.13" X 1.77" |
| PSRX-288W-24V | CLASS 2 | 11.85" X 4.25" X 1.82" |
| PSRX-300W-24V |         | 10.94" X 4.33" X 1.77" |



#### PSVT SERIES 4-IN-1 DIMMING DRIVER

|               |         |                        |
|---------------|---------|------------------------|
| PSVT-60W-24V  | CLASS 2 | 7.4" X 3.72" X 1.57"   |
| PSVT-96W-24V  | CLASS 2 | 8.66" X 3.72" X 1.57"  |
| PSVT-200W-24V |         | 10.24" X 4.13" X 1.77" |
| PSVT-288W-24V | CLASS 2 | 11.85" X 4.25" X 1.81" |
| PSVT-300W-24V |         | 10.94" X 4.33" X 1.77" |



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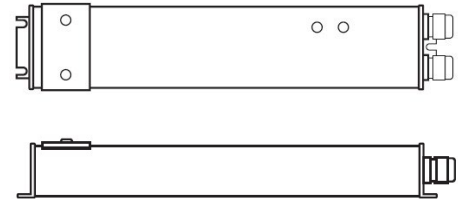
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### COMPATIBLE TRANSFORMERS

#### PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

PSDE-60W-24V-010-JB CLASS 2 12.1" X 2.36" X 1.4"

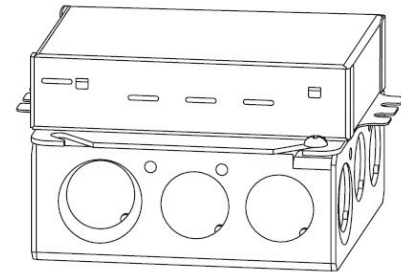


#### LUTRON 1%

2 OR 3-WIRE DIMMING

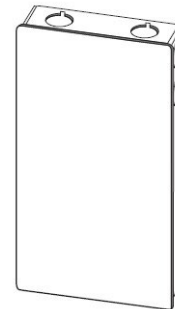
LTEA4U1UKL-CV240 CLASS 2 4.0" X 1.5" X 4.0"

L3DA4U1UKL-CV240 CLASS 2 4.0" X 1.5" X 4.0"



#### LUTRON 1%

PSDE-96W-24V-ECO CLASS 2 10.5" X 3.0" X 2.0"



### COMPATIBLE NON-DIMMING DRIVERS

#### PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V CLASS 2 6.5" X 3.6" X 1.02"

PSHK-60W-24V CLASS 2 7.4" X 3.62" X 1.02"

PSHK-96W-24V CLASS 2 8.66" X 3.66" X 1.61"

PSHK-150W-24V 10.24" X 4.06" X 1.81"

PSHK-200W-24V 10.24" X 4.06" X 1.81"

PSHK-288W-24V CLASS 2 11.85" X 4.25" X 1.82"

PSHK-300W-24V 10.24" X 4.25" X 1.81"

