



# ESSENTIALS LALO-FLAT (01) SW-IA

24VDC Linear Fixtures - Surface & Recessed



5 YEAR  
WARRANTY

Declare.

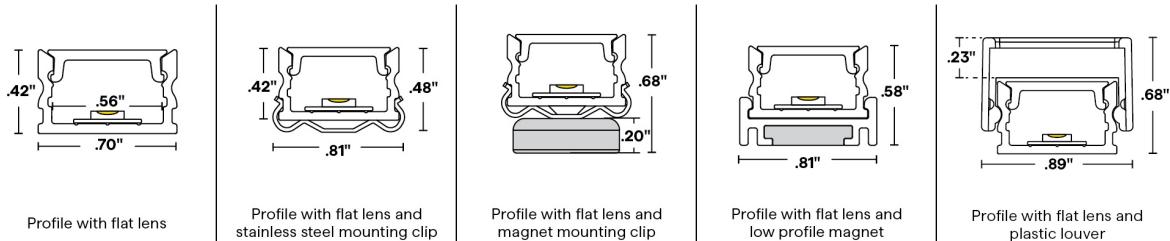




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## 1 PRODUCT - DIMENSIONS



Profile with flat lens

Profile with flat lens and stainless steel mounting clip

Profile with flat lens and magnet mounting clip

Profile with flat lens and low profile magnet

Profile with flat lens and plastic louver

## 6 DIODE VISIBILITY



DF - Diffused lens

PR - Polar lens

FR - Frosted lens

CL - Clear lens

## PHOTOMETRIC PERFORMANCE

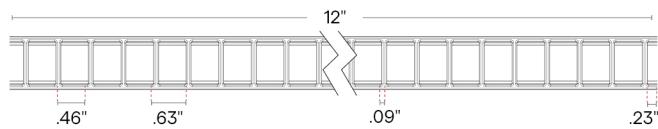
Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.



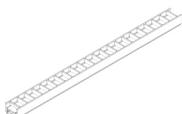
Clear 78°

## 7 EXTERNAL LOUVER

### PLASTIC



L1-XX



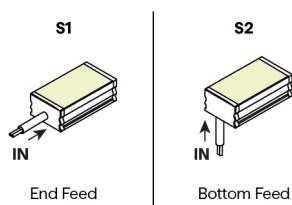
Lumen Multiplier

WH BK

0.72 0.53

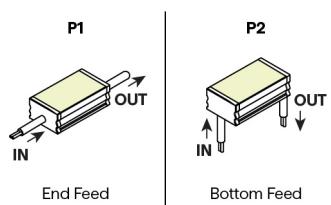
## 8 WIRE INPUT/OUTPUT

### SINGLE (Input only)



End Feed

### PASS THROUGH (Input/Output)



End Feed

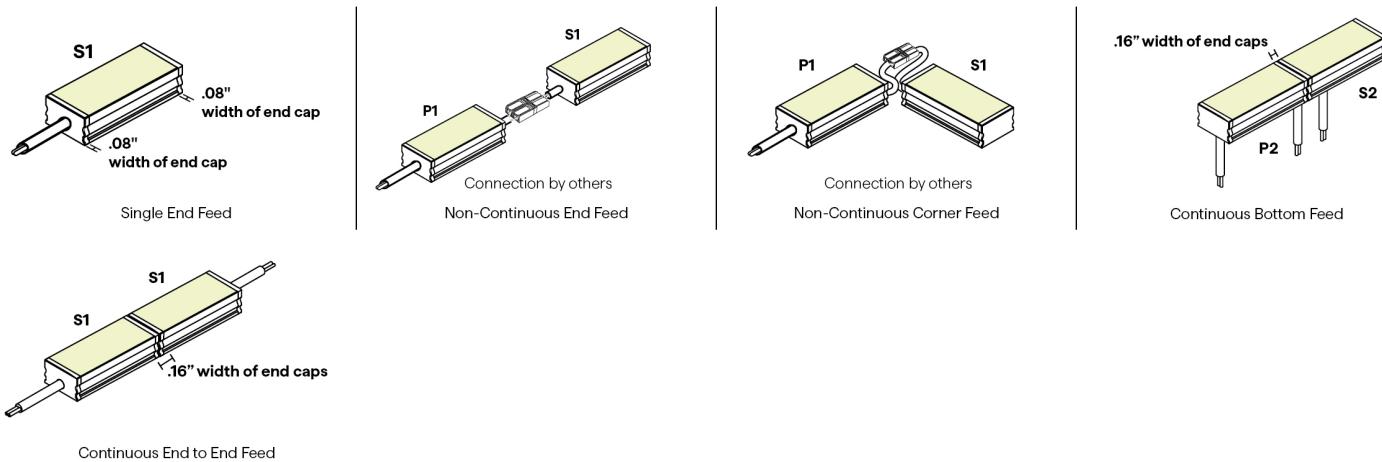
Bottom Feed



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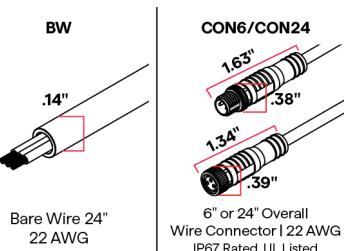
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### CONFIGURATION OPTIONS



### 9 / 10 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



### 11 WIRE COLOR





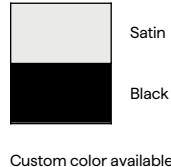
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### 13 MOUNTING

| SST  | M4   | MMA-04   | MG  |
|--|--|--|---|
|  |  |  |   |
| Satin Steel Clip   | Low Profile Magnet   | Magnet Mount Accessory for M4  | Magnet Clip   |
| 2 clips provided for 4' or less; 4 clips provided for greater than 4'<br>To order separately use SST-01<br>Each clip comes with a #4 x 5/8" Flat Head SS | One M4 provided per foot.<br>To order separately use MG-04 | Sold separately, to order use MMA-04<br>Each bracket comes with 2 #6 x 5/8" Flat Head SS<br>Required when mounting to a non-magnetic surface | One MG provided per foot<br>To order separately use MG-01 |

### 14 FINISH



#### MMA-01

|  |
|--|
|  |
| Magnet Mount Accessory of MG-01  |
| Sold separately, to order use MMA-01   |
| Each bracket comes with 2 #6 x 5/8" Flat Head SS<br>Required when mounting to a non-magnetic surface |

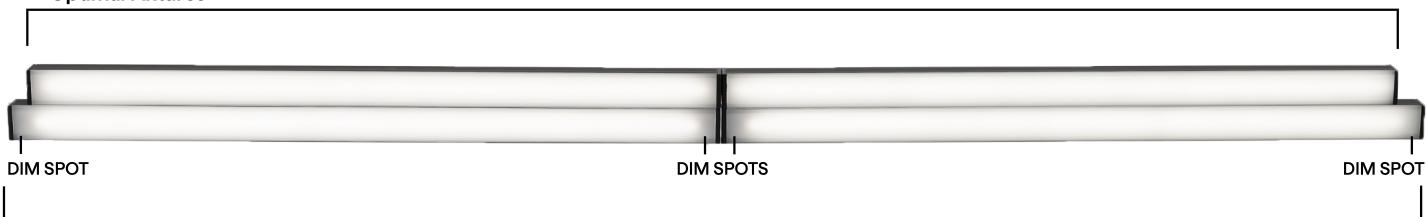
### 16 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

[E/O Explained →](#)

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

#### Optimal Fixtures



#### Exact Fixtures



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## SW-IA DRY LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is  $+0 - 1/8"$ . Consult factory for lengths under 12".

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12"              | .975"                                       |
| 13"              | 1.475"                                      |
| 14"              | .3"-1.975"                                  |
| 15"              | .8"   |
| 16"              | 1.3"  |
| 17"              | 1.8"  |
| 18"              | .625"                                       |
| 19"              | 1.125"                                      |
| 20"              | 1.625"                                      |
| 21"              | .45"  |
| 22"              | .95"  |
| 23"              | 1.45"                                       |
| 24"              | 1.95"                                       |
| 36"              | 1.25"                                       |
| 48"              | 0.55"                                       |
| 60"              | 1.525"                                      |
| 72"              | 0.825"                                      |
| 84"              | 1.8"  |
| 96"              | 1.1"  |

### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1 & S2        |                   | P1 & P2        |                   |
|--------------------------|----------------|-------------------|----------------|-------------------|
|                          | S1<br>End Feed | S2<br>Bottom Feed | P1<br>End Feed | P2<br>Bottom Feed |
| 12"                      | 10.46"         |                   | 10.71"         |                   |
| 13"                      | 10.46"         |                   | 10.71"         |                   |
| 14"                      | 13.81"         |                   | 10.71"         |                   |
| 15"                      | 13.81"         |                   | 14.06"         |                   |
| 16"                      | 13.81"         |                   | 14.06"         |                   |
| 17"                      | 13.81"         |                   | 14.06"         |                   |
| 18"                      | 17.16"         |                   | 17.41"         |                   |
| 19"                      | 17.16"         |                   | 17.41"         |                   |
| 20"                      | 17.16"         |                   | 17.41"         |                   |
| 21"                      | 20.51"         |                   | 20.76"         |                   |
| 22"                      | 20.51"         |                   | 20.76"         |                   |
| 23"                      | 20.51"         |                   | 20.76"         |                   |
| 24"                      | 23.86"         |                   | 20.76"         |                   |
| 36"                      | 33.91"         |                   | 34.16"         |                   |
| 48"                      | 47.31"         |                   | 47.56"         |                   |
| 60"                      | 57.36"         |                   | 57.61"         |                   |
| 72"                      | 70.76"         |                   | 71.01"         |                   |
| 84"                      | 80.81"         |                   | 81.06"         |                   |
| 96"                      | 94.21"         |                   | 94.46"         |                   |

## COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has  $+/- 5\%$  tolerance.

| DIM TO LEVEL | INDOOR                        |
|--------------|-------------------------------|
|              | SW-IA                         |
| 1%           | QT-CAB-eLED+IA<br>QTM-eLED+IA |

| DIMMING PROTOCOL | INDOOR                        |
|------------------|-------------------------------|
|                  | SW-IA                         |
| DMX              | QT-CAB-eLED+IA<br>QTM-eLED+IA |

## COMPATIBLE MOUNTING ACCESSORIES

|                                      |                                       |                                      |                                |                                 |   |  |  |  |
|--------------------------------------|---------------------------------------|--------------------------------------|--------------------------------|---------------------------------|---|--|--|--|
| <b>HINGE - HMB-M</b><br>1.41" x .71" | <b>HINGE - HMB-L</b><br>1.46" x 1.29" | <b>HINGE - HMB-XL</b><br>4" x 1.46"  | <b>Q-PIVOT</b><br>.75" x 1.03" | <b>Q-ANGLE</b><br>1.38" x 2.23" | <b>QUOVA-STANDARD</b><br>QUOVA Knife Edge | <b>VHB</b><br>Double sided mounting tape | <b>NJ-MEDIUM</b><br>J Mounting Bracket | <b>SD-L-MEDIUM</b><br>L Mounting Bracket |
| Adjustable mounting bracket - Medium | Adjustable mounting bracket - Large   | Adjustable mounting bracket - XLarge | Small mounting accessory       | Adjustable mounting accessory   |   |  |  |  |

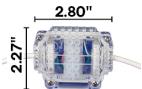


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### COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



UL Listed, miniature  
junction box, DRY/DMP  
(WET rated with silicone)