

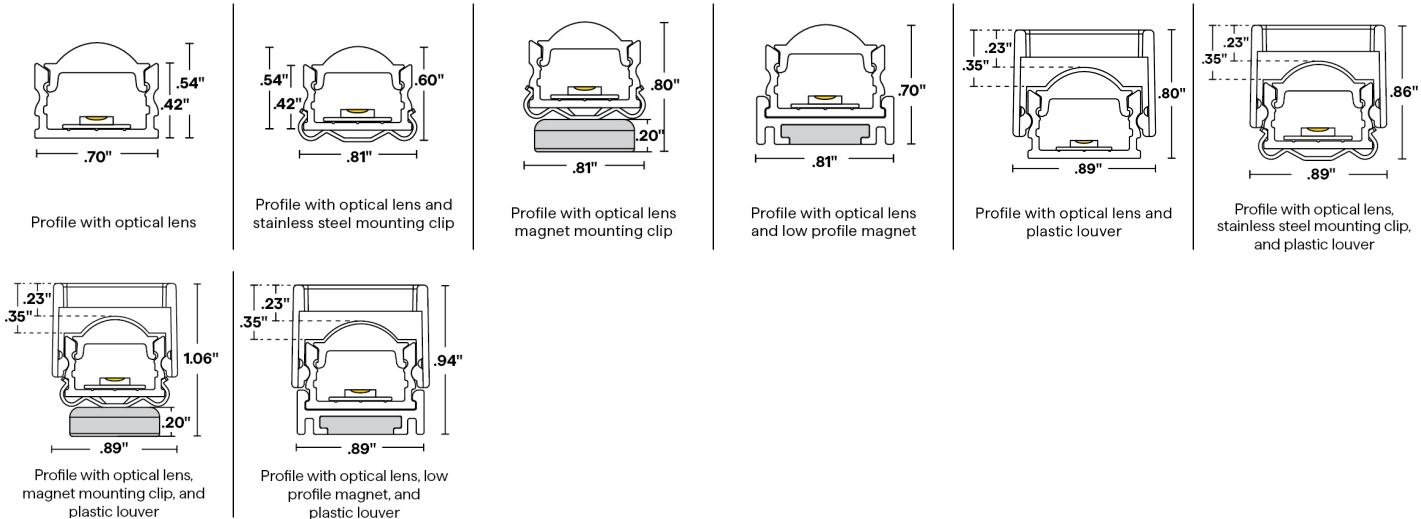




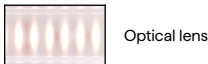
# ESSENTIALS LALO-OPTICS (02) SW-IA

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



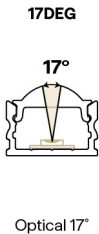
## 6 DIODE VISIBILITY



Optical lens

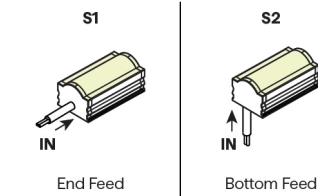
## PHOTOMETRIC PERFORMANCE

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

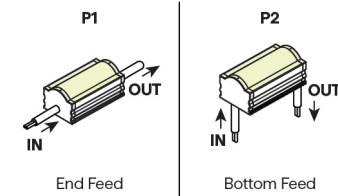


## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)



PASS THROUGH (Input/Output)

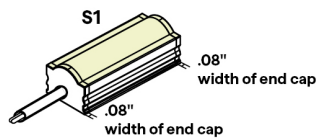




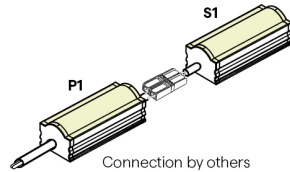
# ESSENTIALS LALO-OPTICS (02) SW-IA

24VDC Linear Fixtures - Surface & Recessed

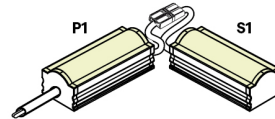
## CONFIGURATION OPTIONS



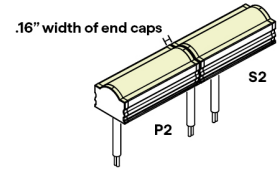
Single End Feed



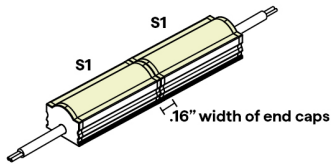
Connection by others  
Non-Continuous End Feed



Connection by others  
Non-Continuous Corner Feed



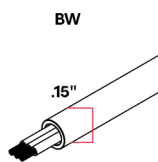
Continuous Bottom Feed



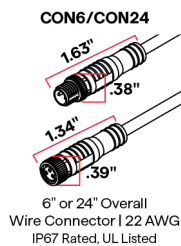
Continuous End to End Feed

## 8 / 9 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

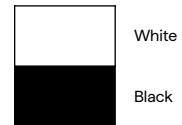


Bare Wire 24"  
22 AWG



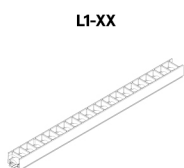
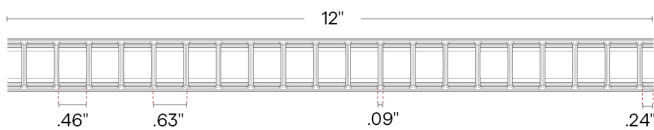
6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed

## 10 WIRE COLOR

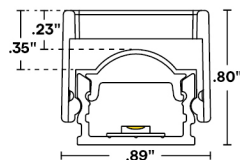


## EXTERNAL LOUVER ACCESSORY

### PLASTIC



Lumen Multiplier  
WH BK  
0.73 0.53



Profile with plastic louver

To order separately use  
LALO-L1-OPTICS-KIT-WH or  
LALO-L1-OPTICS-KIT-BK



# ESSENTIALS LALO-OPTICS (02) SW-IA

24VDC Linear Fixtures - Surface & Recessed

## 12 MOUNTING

SST



Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-01

Each clip comes with a #4 x 5/8" Flat Head SS

M4



Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

MMA-04



Magnet Mount Accessory for M4

Sold separately, to order use MMA-04

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

MG

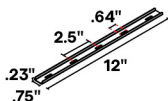


Magnet Clip

One MG provided per foot

To order separately use MG-01

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

Required when mounting to a non-magnetic surface

## 13 FINISH



Satin

Black

Custom finishes require a longer lead time, consult factory

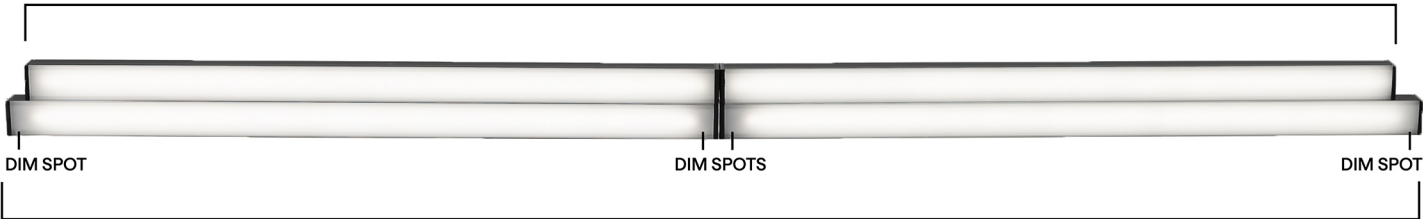
## 15 EXACT/OPTIMAL FIXTURE LENGTH

[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



# ESSENTIALS LALO-OPTICS (02) SW-IA

## 24VDC Linear Fixtures - Surface & Recessed

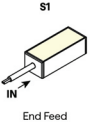
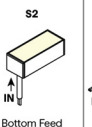
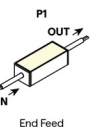
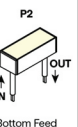
### SW-IA DRY LENGTHS BY INCH

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	
				
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 QTM-eLED+IA


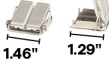





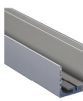

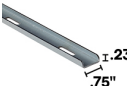
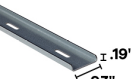
DIMMING PROTOCOL	INDOOR
	SW-IA
DMX	QT-CAB-eLED+IA QTM-eLED+IA



# ESSENTIALS LALO-OPTICS (02) SW-IA

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  4" 1.46" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting accessory	<b>VHB</b>  Double sided mounting tape	<b>NU-GRAZER</b>  U Mounting Bracket	<b>NI-GRAZER</b>  J Mounting Bracket	<b>BL-GRAZER</b>  Backwards L Mounting Bracket	<b>MMA-01</b>  .23" .75" Magnet Mount Accessory of MG-01
<b>MMA-04</b>  .19" .93" Magnet Mount Accessory of MG-04									

## COMPATIBLE WIRING ACCESSORIES

**Q-mini-J5**  
  
2.80"  
2.27"  
UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)