

# LRB-1300

## HIGH POWER 90CRI RIGID LED STRIP

UPDATED: 07.31.26

Project \_\_\_\_\_

Location \_\_\_\_\_

Quote/ Ref # \_\_\_\_\_

**LRB-1300** is an high-powered lighting solution to a wide variety of lighting needs and applications. This indoor rated rigid LED strip delivers 8.64 W/Ft. and 150 Lm/W. It is available in 12" and 48 " and in 4 CCT options: 27K, 30K, 35K and 40K. Comes with a 3M adhesive backing for an easy install ( just peel-off and attach to installation surface). CA Title 24 JA8 compliant.



### SPECIFICATIONS

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| INPUT VOLTAGE         | 24V DC                                          |
| POWER CONSUMPTION     | 8.64W/Pc. (12")   34.56W/Pc. (48")              |
| NO. OF LEDS           | 48 LEDs per Ft. (12")<br>192 LEDs per Ft. (48") |
| LUMEN OUTPUT          | 1100Lm/Ft., 130Lm/W (12")                       |
| CRI                   | 95+                                             |
| COLOR TEMPERATURE     | 27K/ 30K/ 35K/ 40K                              |
| DIMMING               | MLV, ELV, 0-10V and TRIAC                       |
| MAXIMUM RUN LENGTH    | 6 pcs. (12")   2 pcs. (48")                     |
| CUTTABLE              | No                                              |
| OPERATING TEMPERATURE | -40°F (-40°C) to 140°F (+60°C)                  |
| BEAM ANGLE            | 120°                                            |
| IP RATING             | IP45 dry location (indoor)                      |
| CERTIFICATIONS        | UL Listed, California TITLE JA8                 |
| LUMEN MAINTENANCE     | 50,000 Hrs.                                     |

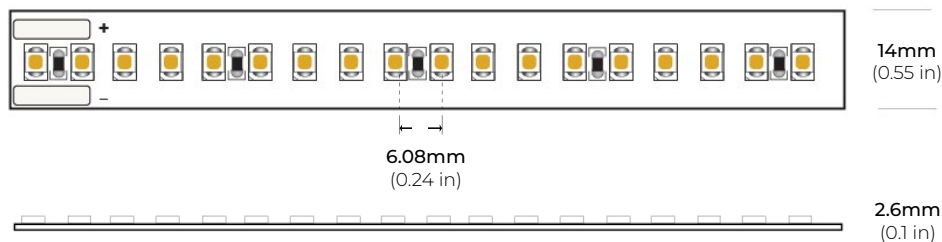


| MODEL                                                                    | LED LENGTH                     | COLOR TEMP          | VOLTAGE              | PROFILE                             |
|--------------------------------------------------------------------------|--------------------------------|---------------------|----------------------|-------------------------------------|
| LRB                                                                      | <b>1312</b><br>12"<br>(8.64W)  | <b>27K</b><br>2700K | <b>24V</b><br>24V DC | See Page 3 for compatible profiles. |
|                                                                          | <b>1348</b><br>48"<br>(34.56W) | <b>30K</b><br>3000K |                      |                                     |
|                                                                          | <b>35K</b><br>3500K            |                     |                      |                                     |
|                                                                          | <b>40K</b><br>4000K            |                     |                      |                                     |
| * Custom color finishes require powder coating. Allow 7 days leads time. |                                |                     |                      |                                     |

# LRB-1300

## HIGH POWER 90CRI RIGID LED STRIP

### DIMENSIONS



### COMPATIBLE CONNECTORS

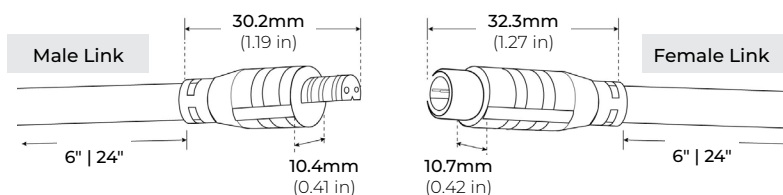
#### MALE/ FEMALE LINK CONNECTORS

HARDWIRE LINK CONNECTOR  
100W (MAX POWER) | 4.5A (MAX RATING)

\*SOLD SEPARATELY

**CON6** 6" HARDWIRE LINK CONNECTOR

**CON24** 24" HARDWIRE LINK CONNECTOR



# LRB-1300

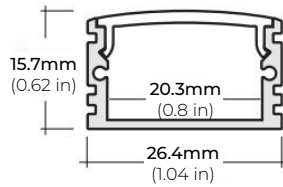
## HIGH POWER 90CRI RIGID LED STRIP

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

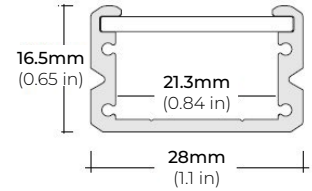
##### ALU-DS100

LENGTHS 39" | 78" | 84"  
LENS Clear, Frosted  
FINISH Silver



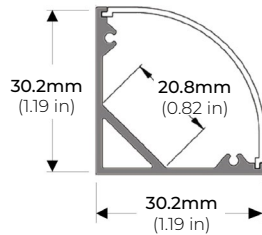
##### ALP-90

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Silver



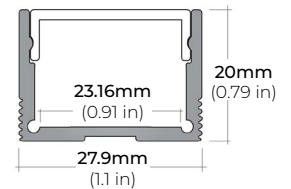
##### ALP-100C

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



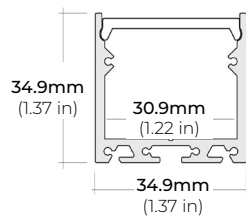
##### ALP-130

LENGTHS 49" | 84" | 98"  
LENS Frosted  
FINISH Silver



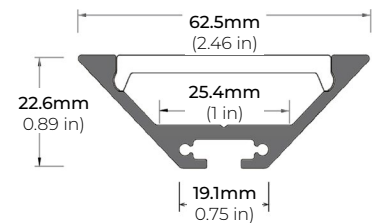
##### ALP-140

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



##### ALP-190

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver

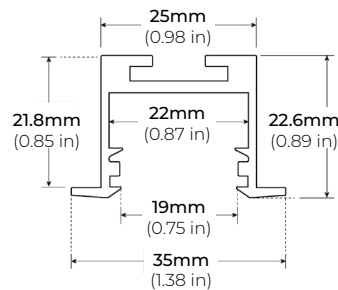


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESED PROFILES

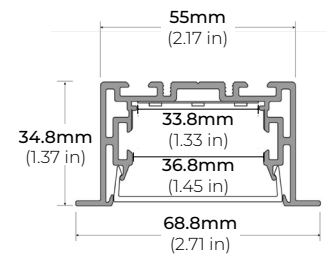
##### ALP-102R

LENGTHS 49" | 98"  
LENS Frosted, Black, Asymmetric, Double Asymmetric  
FINISH White | Black | Silver



##### ALP-230RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

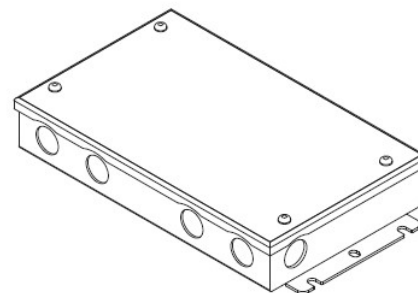
# LRB-1300

## HIGH POWER 90CRI RIGID LED STRIP

### COMPATIBLE TRANSFORMERS

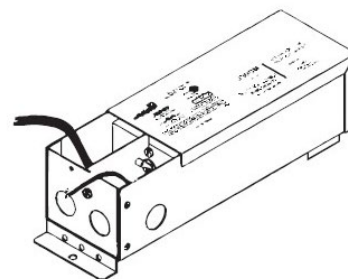
#### PSDL SERIES TRIAC DIMMABLE

|               |         |                        |
|---------------|---------|------------------------|
| 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" |



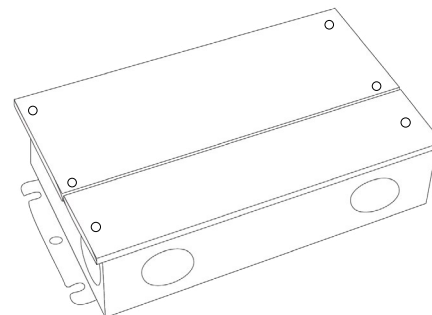
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

|              |         |                        |
|--------------|---------|------------------------|
| 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" |



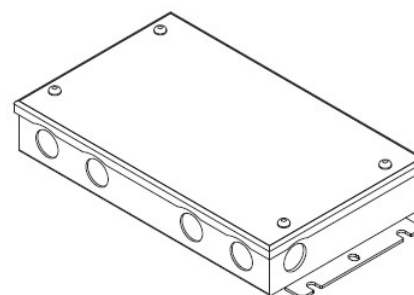
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

|               |         |                        |
|---------------|---------|------------------------|
| 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 0-10V 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" |



# LRB-1300

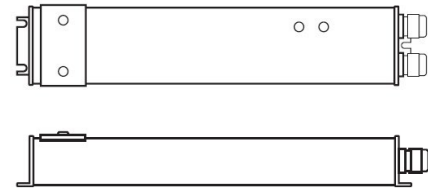
## HIGH POWER 90CRI RIGID LED STRIP

### COMPATIBLE TRANSFORMERS

#### PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

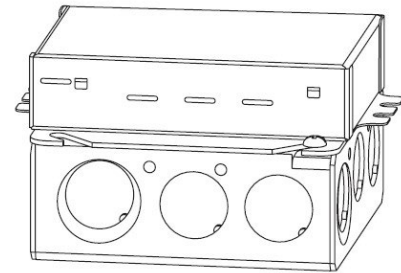
|                     |         |                      |
|---------------------|---------|----------------------|
| PSDE-60W-24V-010-JB | CLASS 2 | 12.1" X 2.36" X 1.4" |
| PSDE-96W-24V-010-JB | CLASS 2 | 12.1" X 2.36" X 1.4" |



#### LUTRON 1%

3-WIRE DIMMING

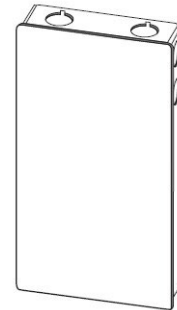
|                  |         |                    |
|------------------|---------|--------------------|
| L3DA4U1UKL-CV240 | CLASS 2 | 4.0" X 1.5" X 4.0" |
|------------------|---------|--------------------|



#### LUTRON 1%

3-WIRE DIMMING

|                  |         |                     |
|------------------|---------|---------------------|
| 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" |

