

# LSMW-35

## 3W OUTDOOR FLEXIBLE LED STRIP

Project \_\_\_\_\_

Location \_\_\_\_\_

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

**LSM-35** is a dimmable flexible LED strip capable of delivering 290 lumens of light output per ft. This LED strip is rated to last 50,000 hours making it an excellent replacement for halogen lighting. Its high lumen, excellent CRI and color temperature options make it the perfect choice for almost any commercial or residential lighting application.



### SPECIFICATIONS

|                       |                                   |
|-----------------------|-----------------------------------|
| INPUT VOLTAGE         | 24V DC                            |
| POWER CONSUMPTION     | 3W/Ft.                            |
| NO. OF LEDS           | 81 LEDs per Ft.                   |
| LUMEN OUTPUT          | 307 Lm/Ft. (3000K)                |
| CRI                   | 95+                               |
| COLOR TEMPERATURE     | 24K / 27K / 30K / 35K / 40K / 50K |
| DIMMING               | MLV, ELV, 0-10 and TRIAC          |
| MAXIMUM RUN LENGTH    | 20 Ft.                            |
| CUTTABLE              | Every 1.03 in (26.12mm)           |
| BINNING               | 1.5 Step Macadam Elipse           |
| OPERATING TEMPERATURE | -40°F (-40°C) ~ +140°F (+60°C)    |
| BEAM ANGLE            | 120°                              |
| IP RATING             | IP65 WET location (outdoor)       |
| CERTIFICATIONS        | UL Listed, TITLE 24 JA8           |
| LUMEN MAINTENANCE     | 50,000 Hrs.                       |

### LUMENS

| CCT   | LM/ FT | CRI | R9 | R13 |
|-------|--------|-----|----|-----|
| 2700K | 307    | 91  | 63 | 95  |
| 3000K | 307    | 95  | 85 | 98  |
| 3500K | 309    | 97  | 86 | 97  |
| 4000K | 355    | 87  | 59 | 94  |

\*Approved for closet / storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)

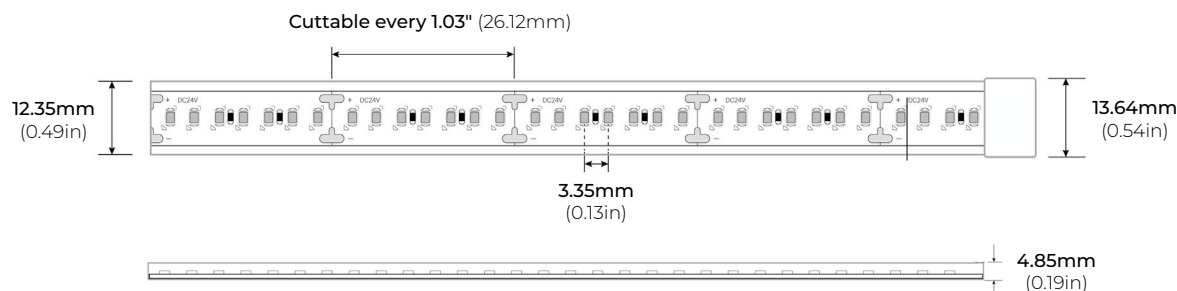


| MODEL  | COLOR TEMP          | LENGTH                                               | VOLTAGE              | CRI                 | PROFILE                                                                  |
|--------|---------------------|------------------------------------------------------|----------------------|---------------------|--------------------------------------------------------------------------|
| LSMW35 | <b>24K</b><br>2400K | <b>16</b><br>16 Ft.                                  | <b>24V</b><br>24V DC | <b>HR95</b><br>HR95 | See Page 2 for compatible profiles.                                      |
|        | <b>27K</b><br>2700K | <b>20</b><br>20 Ft.                                  |                      |                     |                                                                          |
|        | <b>30K</b><br>3000K | <b>32</b><br>32 Ft.                                  |                      |                     |                                                                          |
|        | <b>35K</b><br>3500K | <b>1'XX</b><br>per Ft.                               |                      |                     |                                                                          |
|        | <b>40K</b><br>4000K |                                                      |                      |                     |                                                                          |
|        | <b>50K</b><br>5000K |                                                      |                      |                     |                                                                          |
|        |                     | *1 = Custom length per FT.<br>(Cuttable every 1.03") |                      |                     | * Custom color finishes require powder coating. Allow 7 days leads time. |

# LSMW-35

## 3W OUTDOOR FLEXIBLE LED STRIP

### DIMENSIONS

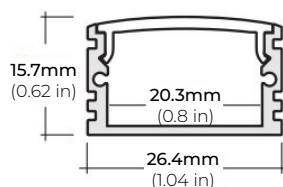


### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

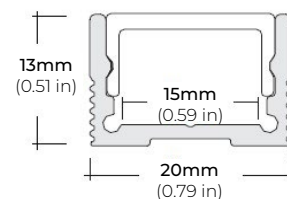
##### ALU-DS100

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



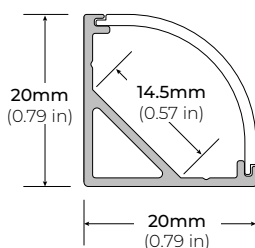
##### ALP-70

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



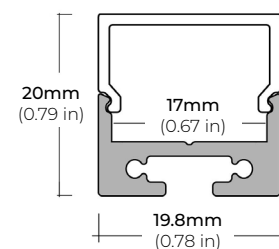
##### ALP-75C (CORNER)

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



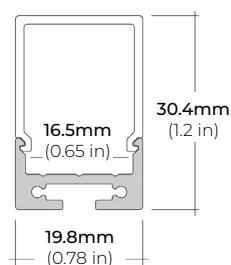
##### ALP-80

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



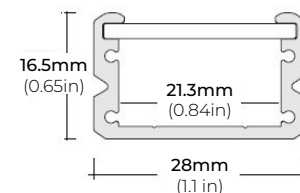
##### ALP-85

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Black | Silver



##### ALP-90

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Black | Silver

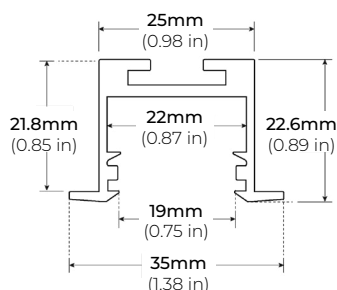


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESED PROFILES

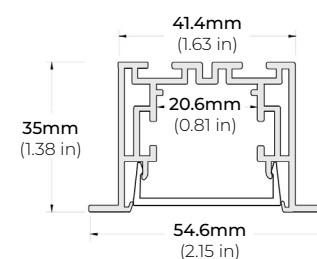
##### ALP-102R

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



##### ALP-210RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



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

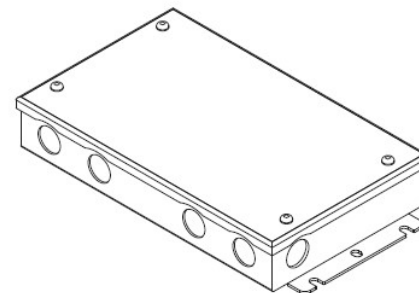
# LSMW-35

## 3W OUTDOOR FLEXIBLE LED STRIP

### COMPATIBLE TRANSFORMERS

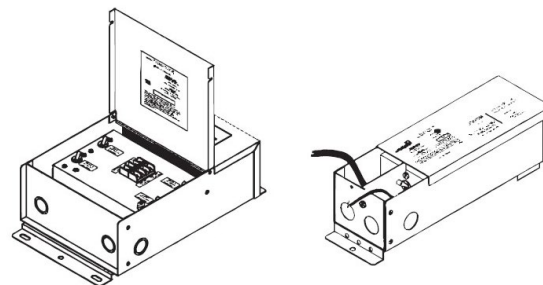
#### PSDL SERIES TRIAC DIMMABLE

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



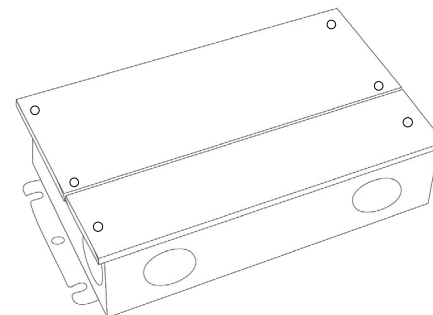
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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



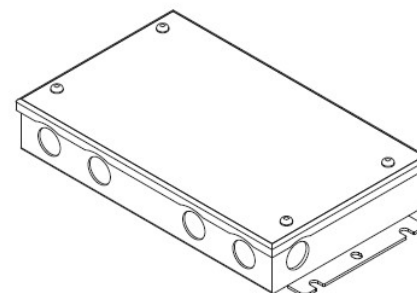
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

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



# LSMW-35

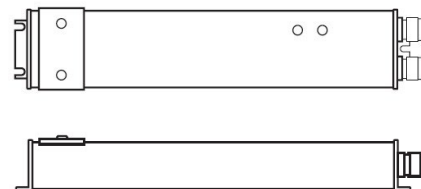
## 3W OUTDOOR FLEXIBLE LED STRIP

### COMPATIBLE TRANSFORMERS

#### PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

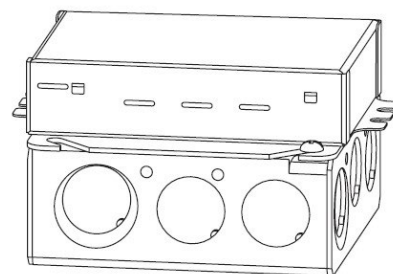
|                     |         |                      |
|---------------------|---------|----------------------|
| PSDE-60W-24V-010-JB | CLASS 2 | 12.1" X 2.36" X 1.4" |
| PSDE-96W-24V-010-JB | CLASS 2 | 12.1" X 2.36" X 1.4" |



#### LUTRON 1%

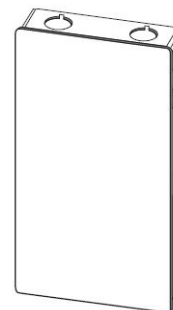
3-WIRE DIMMING

|                  |         |                    |
|------------------|---------|--------------------|
| L3DA4U1UKL-CV240 | CLASS 2 | 4.89" X 4" X 2.62" |
|------------------|---------|--------------------|



#### 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" |

