

# LSM-45

## 4.4W INDOOR FLEXIBLE LED STRIP

Project \_\_\_\_\_

Location \_\_\_\_\_

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

**LSM-45** is a dimmable flexible LED strip capable of delivering 370 lumens of light output per Ft. Its high lumen output, excellent color rendering and color temperature options make it the perfect choice for almost any commercial or residential lighting application.



### SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	4.4W/Ft.
NO. OF LEDS	36 LEDs per Ft.
LUMEN OUTPUT	370 Lm/Ft. (3000K)
CRI	95+
COLOR TEMPERATURE	24K / 27K / 30K / 35K / 40K / 50K / 60K
DIMMING	MLV, ELV, 0-10 and TRIAC
MAXIMUM RUN LENGTH	30 Ft.
CUTTABLE	Every 1.97 in (50mm)
BINNING	1.5 Step Macadam Elipse
OPERATING TEMPERATURE	-40°F (-40°C) ~ +140°F (+60°C)
BEAM ANGLE	120°
IP RATING	IP45 dry location (Indoor)
CERTIFICATIONS	UL Listed, TITLE 24 JA8
LUMEN MAINTENANCE	50,000 Hrs.

### LUMENS

CCT	LM/ FT	CRI	R9	R13
2400K	343	91	66	95
2700K	361	93	80	96
3000K	369	90	70	93
3500K	387	90	73	94
4000K	401	90	75	94
5000K	411	92	83	97
6000K	418	89	72	94

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

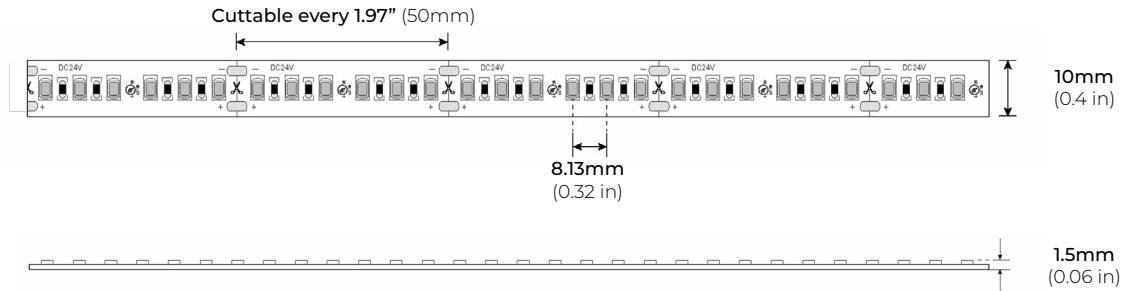


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSM45	<b>24K</b> 2400K	<b>16</b> 16 Ft.	<b>24</b> 24V DC	<i>See Page 3 for compatible profiles.</i>
	<b>27K</b> 2700K	<b>100</b> 100 Ft.		
	<b>30K</b> 3000K	<b>1XX</b> per Ft.		
	<b>35K</b> 3500K			
	<b>40K</b> 4000K			
	<b>50K</b> 5000K			
	<b>60K</b> 6000K			
		*1 = Custom length per FT. (Cuttable every 1.97")		* Custom color finishes require powder coating. Allow 7 days leads time.

# LSM-45

## 4.4W INDOOR FLEXIBLE LED STRIP

### DIMENSIONS

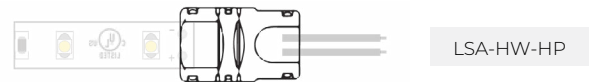


### COMPATIBLE CONNECTORS

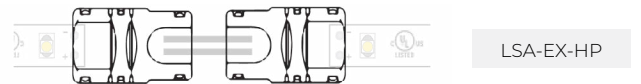
#### HP PRO CONNECTORS

QUICK CONNECT SNAP-ON

- LSA-HW8-HP 8" HARDWIRE CONNECTOR
- LSA-HW24-HP 24" HARDWIRE CONNECTOR
- LSA-HW60-HP 60" HARDWIRE CONNECTOR
- LSA-HW120-HP 120" HARDWIRE CONNECTOR



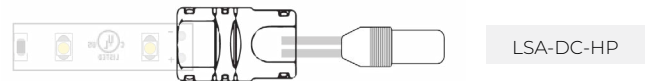
- LSA-EX3-HP 3" LINK
- LSA-EX8-HP 8" LINK
- LSA-EX24-HP 24" LINK



- LSA-MC-HP MINI COUPLING



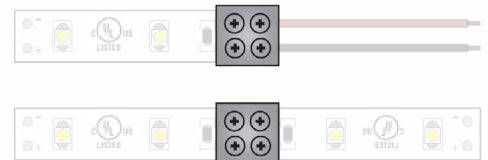
- LSA-DC24-HP 24" DC CONNECTOR



#### LSA-TB

SOLDERLESS LED STRIP/ WIRE BLOCK CONNECTOR

- LSA-TB-HWC 6A HARDWIRE CONNECTOR
- LSA-TB-MC STRIP TO STRIP COUPLING
- LSA-TB-HWP-10A 10A HARDWIRE CONNECTOR



# LSM-45

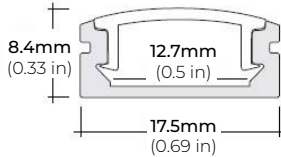
## 4.4W INDOOR FLEXIBLE LED STRIP

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

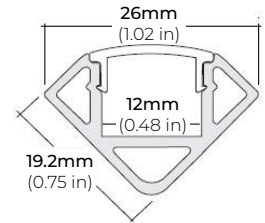
##### ALU-SF

LENGTHS 39" | 78" | 84" | 98"  
LENS Clear, Frosted  
FINISH Black | Silver



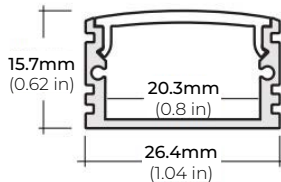
##### ALU-CN (CORNER)

LENGTHS 39" | 78" | 84" | 96"  
LENS Clear, Frosted  
FINISH Silver



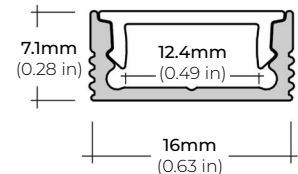
##### ALU-DS100

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



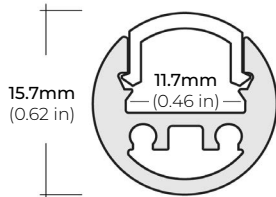
##### ALP-20

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



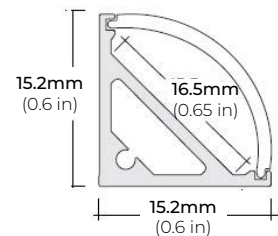
##### ALP-35

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



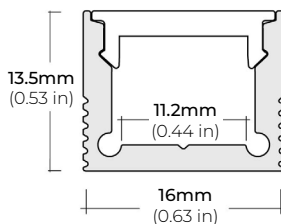
##### ALP-50C (CORNER)

LENGTHS 48" | 84" | 98"  
LENS Frosted  
FINISH Black | Silver



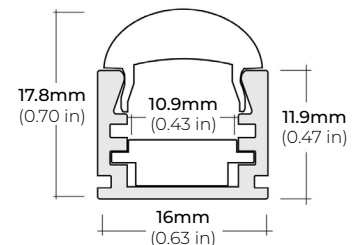
##### ALP-60

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



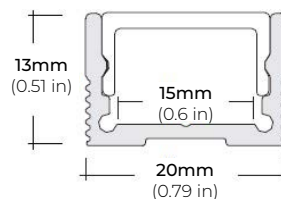
##### ALP-65

LENGTHS 48" | 84"  
LENS Clear  
FINISH Silver



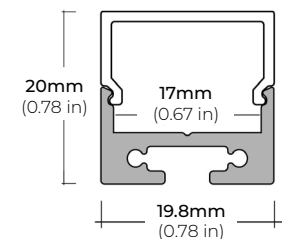
##### ALP-70

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



##### ALP-80

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver

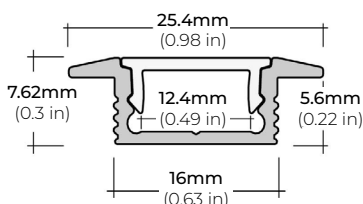


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESSED PROFILES

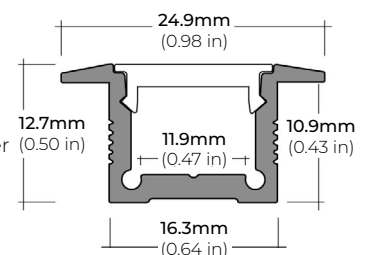
##### ALP-20R

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



##### ALP-60R

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



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

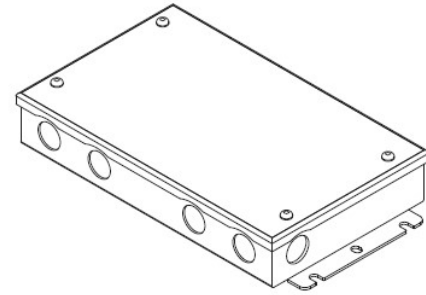
# LSM-45

## 4.4W INDOOR FLEXIBLE LED STRIP

### COMPATIBLE TRANSFORMERS

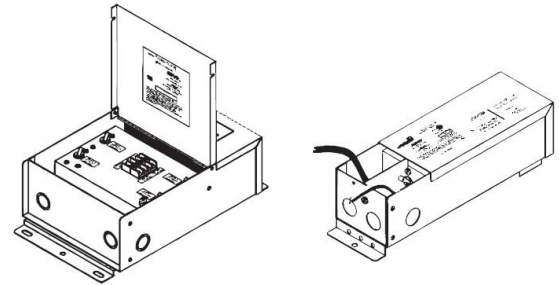
#### PSDL SERIES TRIAC DIMMABLE

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"



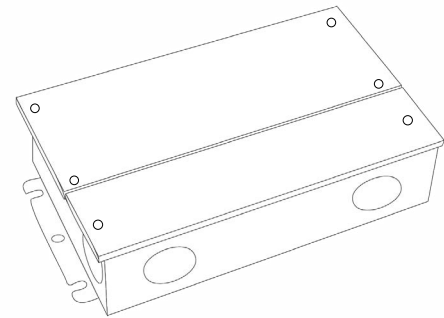
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



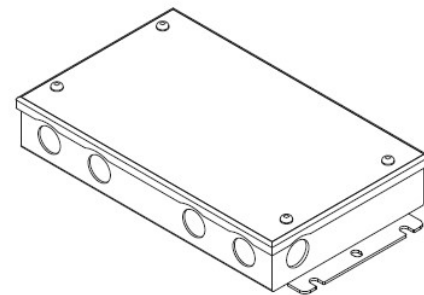
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

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"



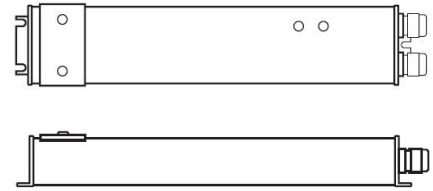
# LSM-45

## 4.4W INDOOR FLEXIBLE LED STRIP

### COMPATIBLE TRANSFORMERS

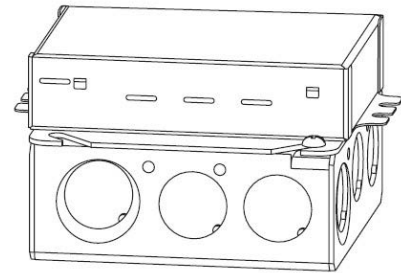
PSDE SERIES  
0-10V DIMMING W/ JUNCTION BOX

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"



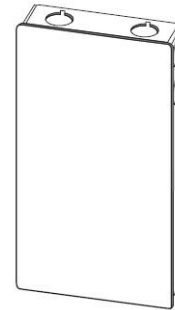
LUTRON 1%  
3-WIRE DIMMING

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"

