

# LSM-105WD

## 9W WARM-DIM INDOOR FLEXIBLE LED STRIP

Project \_\_\_\_\_  
Location \_\_\_\_\_  
Quote/ Ref # \_\_\_\_\_

**LSM-105WD** is a new warm-dim LED strip with smart chip technology. Using a standard wall box dimmer, LED light source automatically shifts color temperature from 3000K down to 1800K as it is being dimmed. LSM-105WD provides warm-dim technology at a fraction of the price without the need for any special lighting control system.



### SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	9W per Ft.
LUMEN OUTPUT	720 Lumens per Ft.
NO. OF LEDS	112 LEDs per Ft.
CRI	90+
DIMMING	MLV, ELV, 0-10V and TRIAC
MAXIMUM RUN LENGTH	16 Ft.
CUTTABLE	Every 2.45 inch
BINNING	1.5-Step MacAdam Ellipse
OPERATING TEMPERATURE	-40°F (-40°C) to 140°F (+60°C)
BEAM ANGLE	120°
RATING	Indoor
CERTIFICATIONS	UL Listed, California TITLE JA8, RoHS
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- 9W/ Ft.
- 720 Lm/ Ft.
- 90+ CRI
- Auto Warm-Dim Technology
- Field Cttable
- Ideal for accent and ambient lighting
- California TITLE 24 JA8 Compliant
- UL Listed
- Approved for closet/ storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)



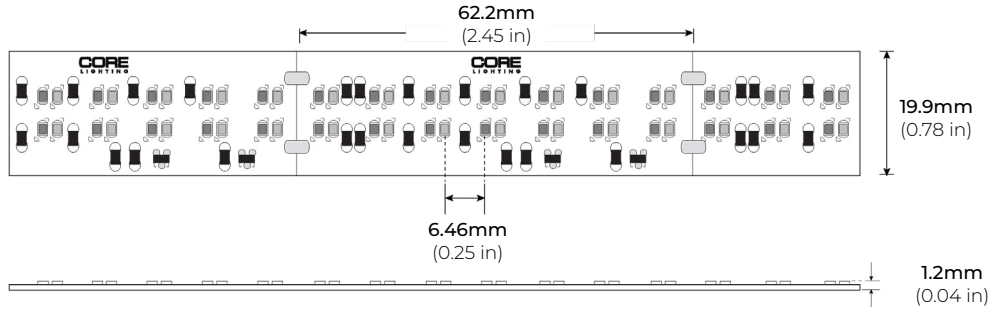
MODEL	COLOR TEMP	LED LENGTH	VOLTAGE	PROFILE
LSM105WD	<b>18K/27K</b> 1800K/ 2700K	<b>16</b> 16.4 Ft.	<b>24</b> 24V DC	See Pages 2-3 for compatible profiles.
	<b>18K/30K</b> 1800K/ 3000K	<b>100</b> 100 Ft.		
		<b>XX</b> per Ft.		

\* Custom color finishes require powder coating. Allow 7 days leads time.

# LSM-105WD

## 9W WARM-DIM INDOOR FLEXIBLE LED STRIP

### DIMENSIONS

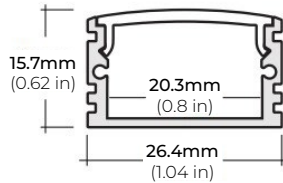


### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

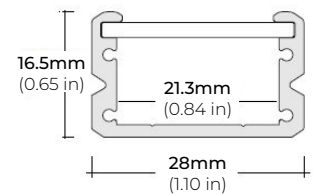
##### ALU-DS100

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



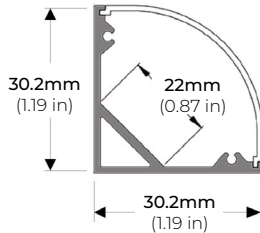
##### ALP-90

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Silver



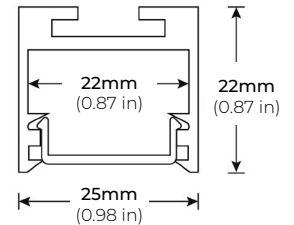
##### ALP-100C

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



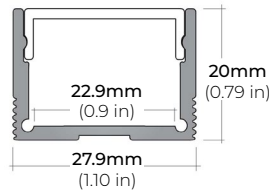
##### ALP-102

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



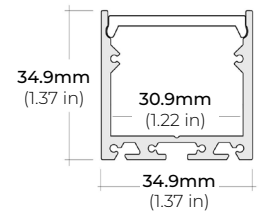
##### ALP-130

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



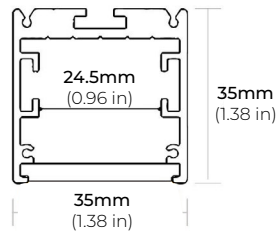
##### ALP-140

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



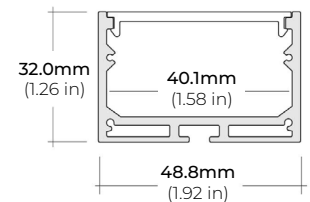
##### ALP-150LX

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



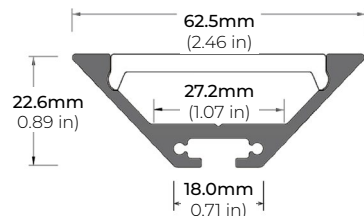
##### ALP-160

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



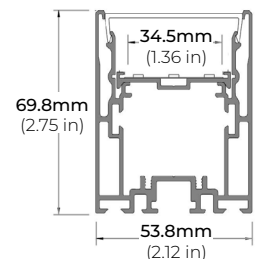
##### ALP-190

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



##### ALP-230N

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



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

# LSM-105WD

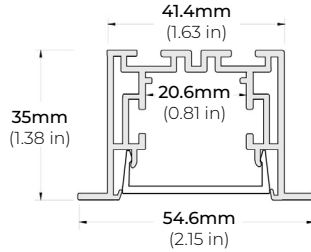
## 9W WARM-DIM INDOOR FLEXIBLE LED STRIP

### COMPATIBLE ALUMINUM PROFILES

#### RECESSED PROFILES

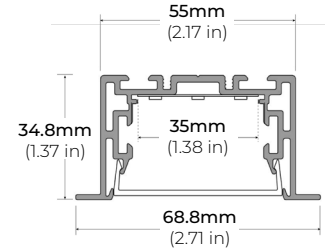
##### ALP-210RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



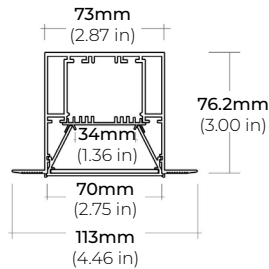
##### ALP-230RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



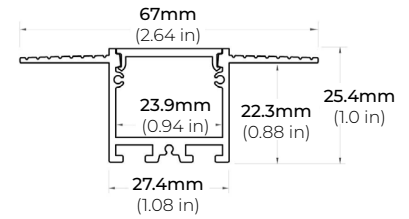
##### ALP-350TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Anodized Silver



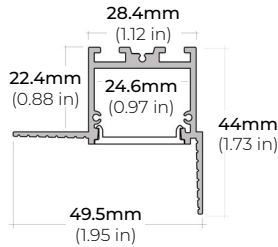
##### ALP-2300TL

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Matte White



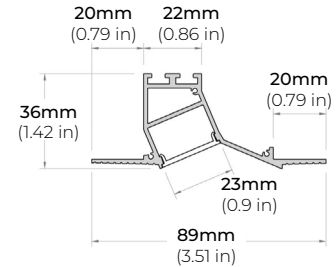
##### ALP-2400TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Matte White



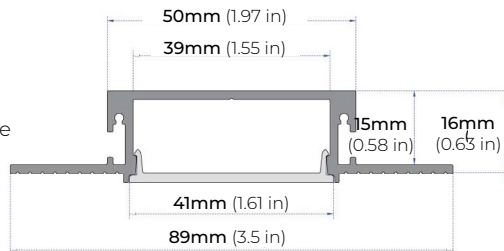
##### ALP-2700TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Matte White



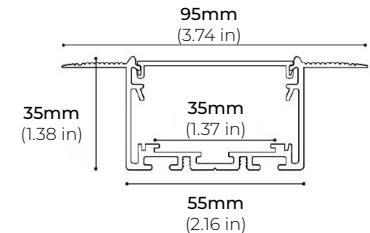
##### ALP-2800TL

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Matte White



##### ALP-3100TLX

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Matte White



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

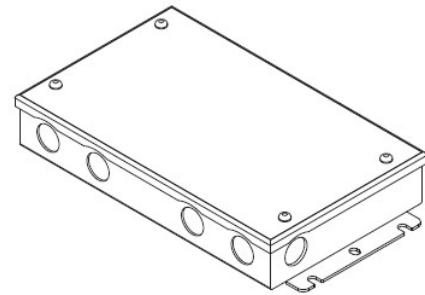
# LSM-105WD

## 9W WARM-DIM INDOOR FLEXIBLE LED STRIP

### COMPATIBLE TRANSFORMERS

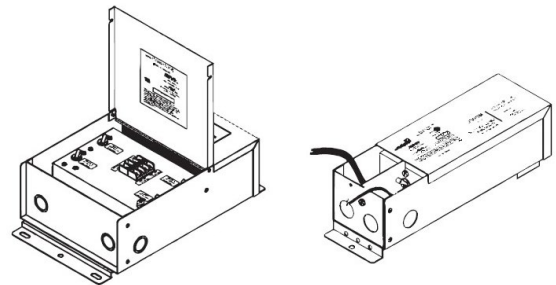
#### PSDL SERIES TRIAC DIMMABLE

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"



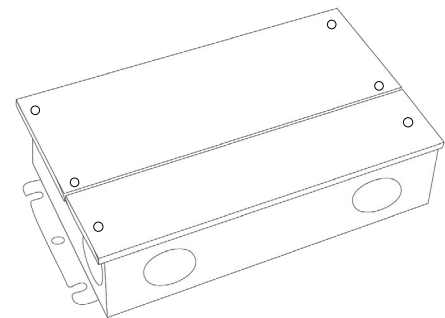
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



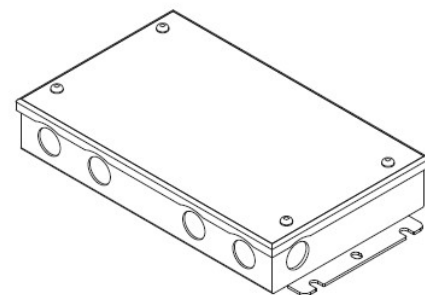
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

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 4-IN-1 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"



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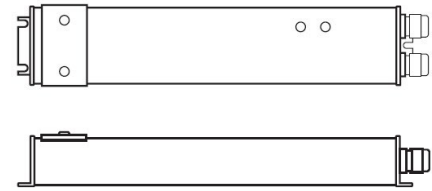
### COMPATIBLE TRANSFORMERS

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#### PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

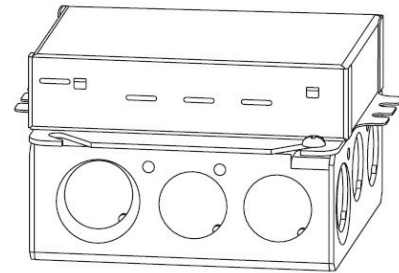
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



#### LUTRON 1%

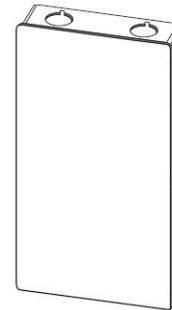
2 OR 3-WIRE DIMMING

LTEA4U1UKL-CV240	CLASS 2	4.89" X 4" X 2.62"
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"
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### COMPATIBLE NON-DIMMING DRIVERS

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#### 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"

