

# LSM-55

## 5.5W INDOOR FLEXIBLE LED STRIP

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

**LSM-55** is a dimmable flexible LED strip capable of delivering 500 Lumens of light output per Ft. Rated to last 50,000 hours making it an excellent replacement for halogen lighting. Its high lumen output, excellent color rendering and color temperature options make it the perfect choice for almost any commercial or residential lighting applications.



### SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	5.5W/Ft.
NO. OF LEDS	81 LEDs per Ft.
LUMEN OUTPUT	500+ Lm/Ft. (3000K)
CRI	95+
COLOR TEMPERATURE	22K / 24K / 27K / 30K 35K / 40K / 50K / 60K
DIMMING	MLV, ELV, 0-10 and TRIAC
MAXIMUM RUN LENGTH	12 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	Dry location (Indoor)
CERTIFICATIONS	UL Listed, TITLE 24 JA8
LUMEN MAINTENANCE	50,000 Hrs.

### LUMENS

CCT	LM/ FT	CRI	R9	R13
2200K	420	96	82	100
2700K	466	97	92	100
3000K	529	97	98	97
3500K	535	95	92	98
4000K	572	92	84	96
5000K	588	92	96	96

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

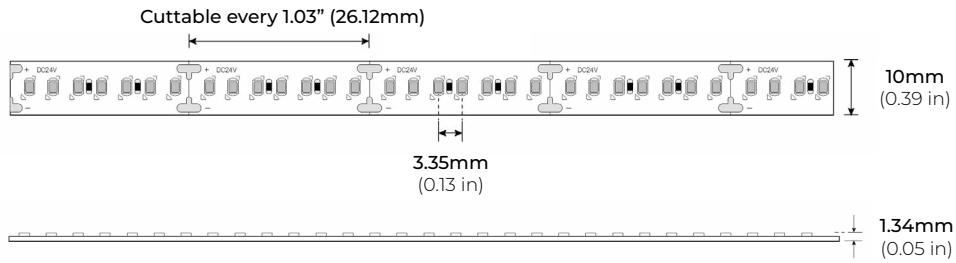


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSM55	<b>22K</b> 2200K	<b>16</b> 16 Ft.	<b>24</b> 24V DC	<i>See Page 3 for compatible profiles.</i>
	<b>24K</b> 2400K	<b>100</b> 100 Ft.		
	<b>27K</b> 2700K	<b>1XX</b> per Ft.		
	<b>30K</b> 3000K			
	<b>35K</b> 3500K			
	<b>40K</b> 4000K			
	<b>50K</b> 5000K			
	<b>60K</b> 6000K	*1 = Custom length per FT. (Cutttable every 1.03")		* Custom color finishes require powder coating. Allow 7 days leads time.

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## 5.5W INDOOR FLEXIBLE LED STRIP

### DIMENSIONS



### COMPATIBLE CONNECTORS

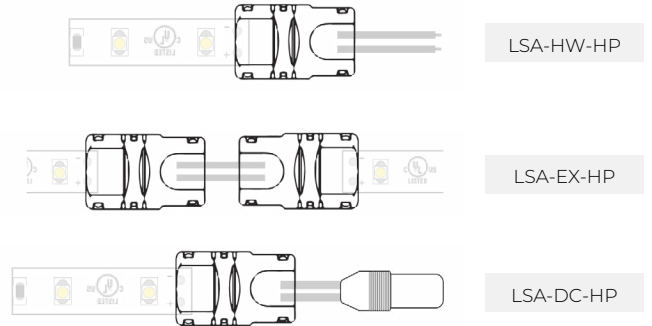
#### HP PRO CONNECTORS

QUICK CONNECT SNAP-ON

- LSA-HW8-HPX10 8" HARDWIRE CONNECTOR
- LSA-HW24-HPX10 24" HARDWIRE CONNECTOR
- LSA-HW60-HPX10 60" HARDWIRE CONNECTOR
- LSA-HW120-HPX10 120" HARDWIRE CONNECTOR

- LSA-EX3-HPX10 3" LINK
- LSA-EX8-HPX10 8" LINK
- LSA-EX24-HPX10 24" LINK

- LSA-DC24-HP-X10 24" DC CONNECTOR



#### MINI CRIMP CONNECTORS

QUICK CONNECT

- LSA-HWPC-24-X10 24" HARDWIRE CONNECTOR

- LSA-EXPC-3-X10 3" LINK



# LSM-55

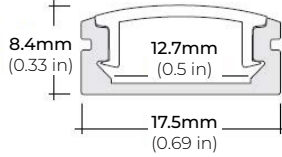
## 5.5W INDOOR FLEXIBLE LED STRIP

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

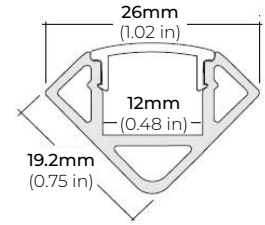
##### ALU-SF

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



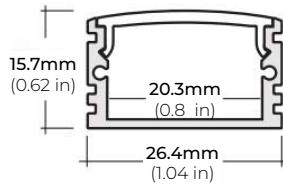
##### ALU-CN (CORNER)

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



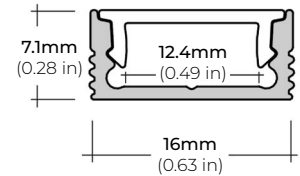
##### ALU-DS100

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



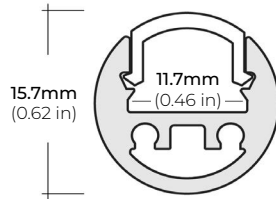
##### ALP-20

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



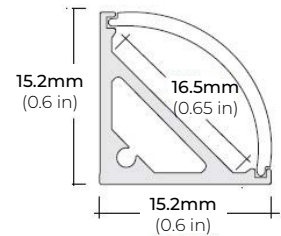
##### ALP-35

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



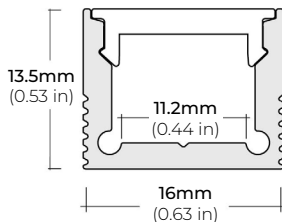
##### ALP-50C (CORNER)

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



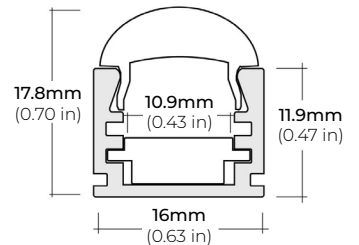
##### ALP-60

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



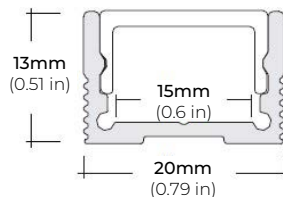
##### ALP-65

LENGTHS 48" | 84"  
LENS Clear  
FINISH Silver



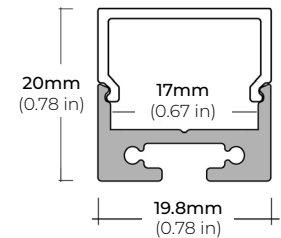
##### ALP-70

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



##### ALP-80

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver

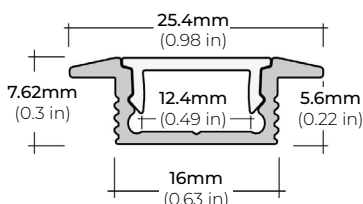


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESSED PROFILES

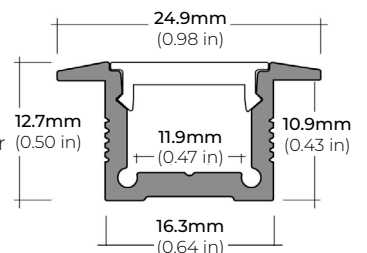
##### ALP-20R

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)

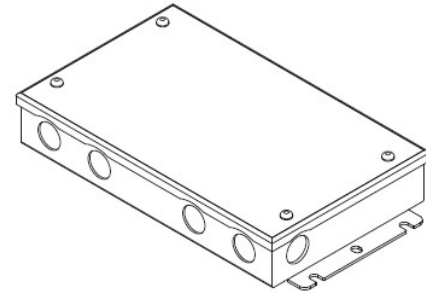
# LSM-55

## 5.5W INDOOR FLEXIBLE LED STRIP

### COMPATIBLE TRANSFORMERS

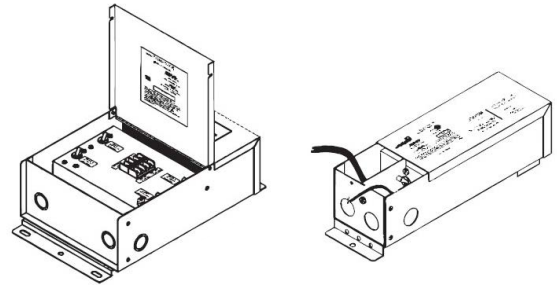
#### PSDL SERIES TRIAC DIMMABLE

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"



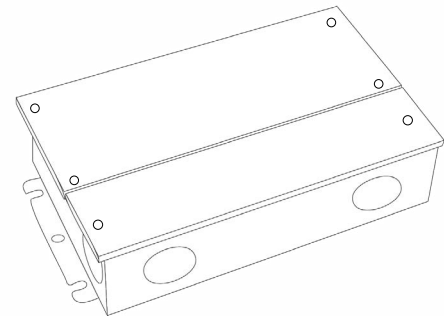
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



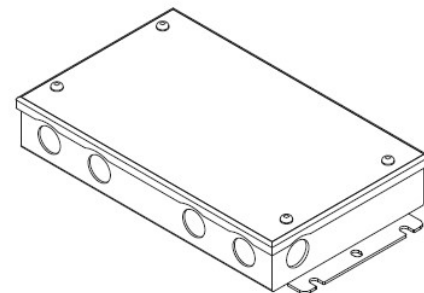
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

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"



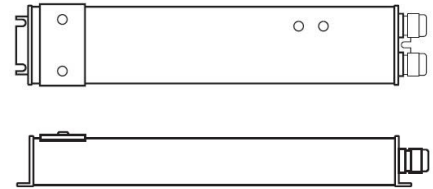
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### COMPATIBLE TRANSFORMERS

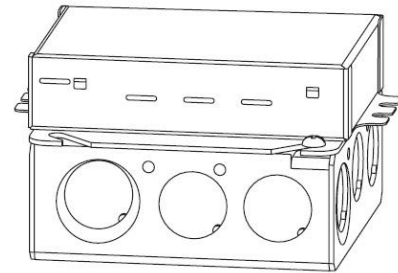
PSDE SERIES  
0-10V DIMMING W/ JUNCTION BOX

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"



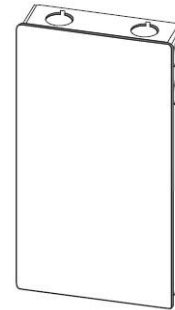
LUTRON 1%  
3-WIRE DIMMING

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"

