

# LSM-20

## 2W INDOOR FLEXIBLE LED STRIP

Project \_\_\_\_\_

Location \_\_\_\_\_

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

**LSM-20** is a dimmable flexible LED strip capable of delivering 173 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	2W/Ft.
NO. OF LEDS	81 LEDs per Ft.
LUMEN OUTPUT	173 Lm/Ft. (30K)
CRI	90+
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	IP45 dry location (Indoor)
CERTIFICATIONS	UL Listed, TITLE 24 JA8
LUMEN MAINTENENCE	50,000 Hrs.

### LUMENS

CCT	LM/ FT	CRI	R9	R13
2400K	157	96	80	96
2700K	178	97	90	100
3000K	173	96	97	97
3500K	187	94	87	95
4000K	188	95	95	96
5000K	193	95	93	96

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



MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSM20	<b>24K</b> 2400K	<b>16</b> 16 Ft.	<b>24V</b> 24V DC	See Page 3 for compatible profiles.
	<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			

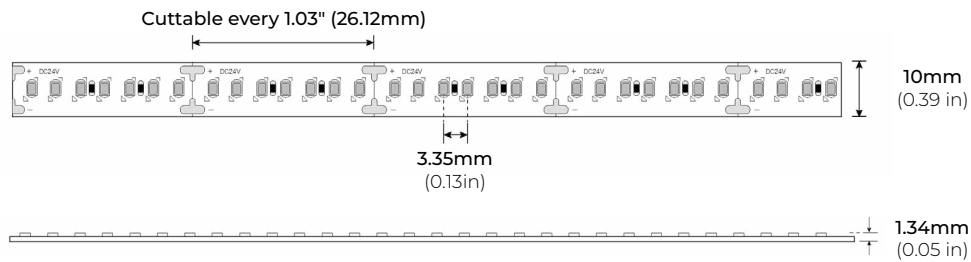
\*1 = Custom length per FT.  
(Cutttable every 1.03")

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

# LSM-20

## 2W INDOOR FLEXIBLE LED STRIP

### DIMENSIONS

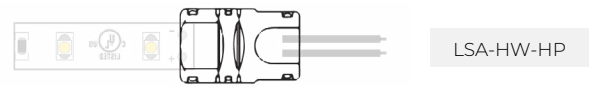


### COMPATIBLE CONNECTORS

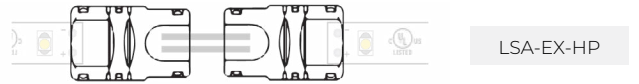
#### HP PRO CONNECTORS

QUICK CONNECT SNAP-ON

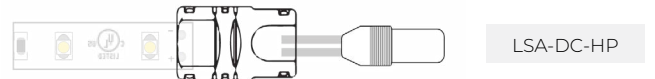
LSA-HW8-HPX10	8" HARDWIRE CONNECTOR	0.95" X 0.57" X 0.30"
LSA-HW24-HPX10	24" HARDWIRE CONNECTOR	0.95" X 0.57" X 0.30"
LSA-HW60-HPX10	60" HARDWIRE CONNECTOR	0.95" X 0.57" X 0.30"
LSA-HW120-HPX10	120" HARDWIRE CONNECTOR	0.95" X 0.57" X 0.30"



LSA-EX3-HPX10	3" LINK	0.95" X 0.57" X 0.30"
LSA-EX8-HPX10	8" LINK	0.95" X 0.57" X 0.30"
LSA-EX24-HPX10	24" LINK	0.95" X 0.57" X 0.30"



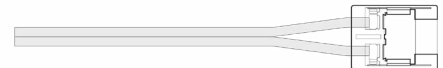
LSA-DC24-HPX10	24" DC CONNECTOR
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#### MINI CRIMP CONNECTORS

QUICK CONNECT

LSA-HWPC-24-X10	24" HARDWIRE CONNECTOR
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LSA-EXPC-3-X10	3" LINK
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# LSM-20

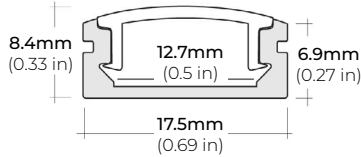
## 2W INDOOR FLEXIBLE LED STRIP

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

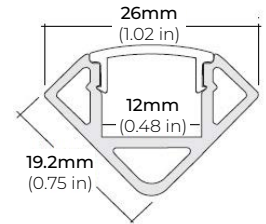
##### ALU-SF

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



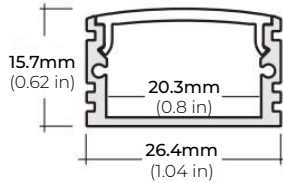
##### ALU-CN (CORNER)

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



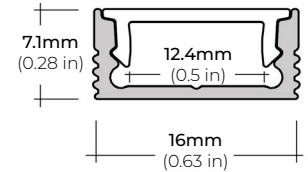
##### ALU-DS100

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



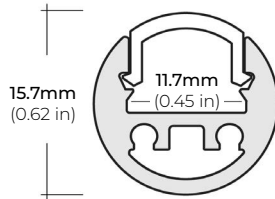
##### ALP-20

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



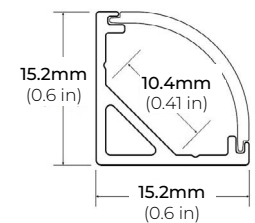
##### ALP-35

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



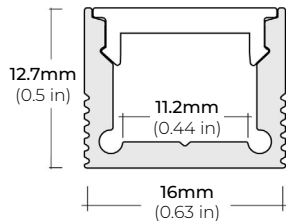
##### ALP-50C-V2 (CORNER)

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



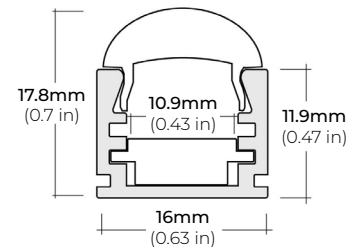
##### ALP-60

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



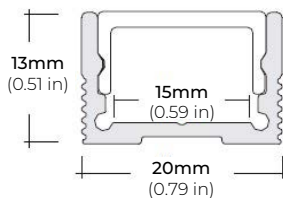
##### ALP-65

LENGTHS 48" | 96"  
LENS Clear  
FINISH Silver



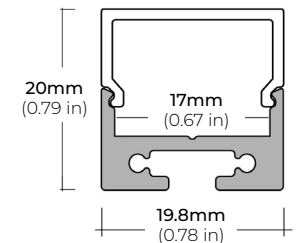
##### ALP-70

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



##### ALP-80 (SUSPENDED)

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver

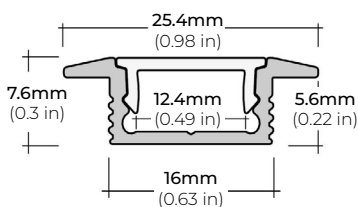


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESSED PROFILES

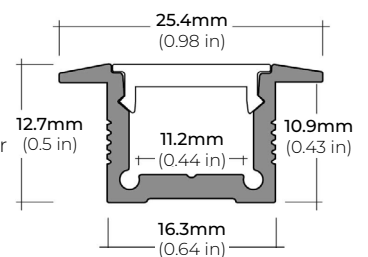
##### ALP-20R

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)

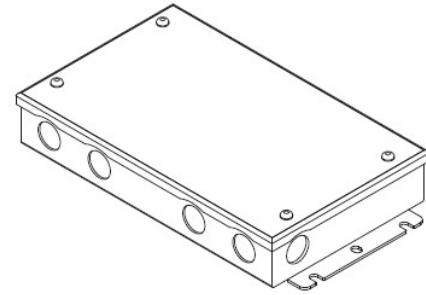
# LSM-20

## 2W INDOOR FLEXIBLE LED STRIP

### COMPATIBLE TRANSFORMERS

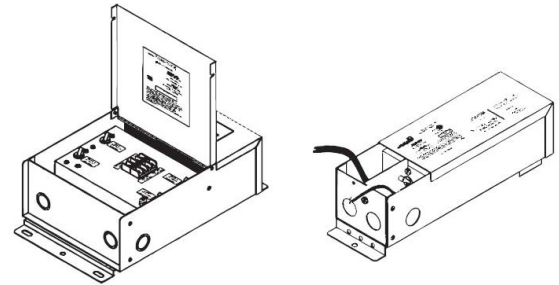
#### PSDL SERIES TRIAC DIMMABLE

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		10.25" X 4.06" X 1.82"
PSDL-200W-24V		10.25" X 4.06" X 1.82"
PSDL-288W-24V		10.25" X 4.06" X 1.82"
PSDL-300W-24V		10.25" X 4.06" X 1.82"



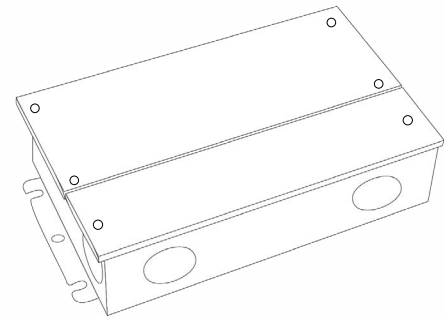
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



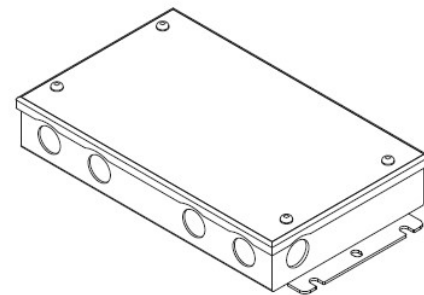
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

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		11" X 4" X 1.82"
PSRX-200W-24V		10.24" X 4.13" X 1.77"
PSRX-288W-24V		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"



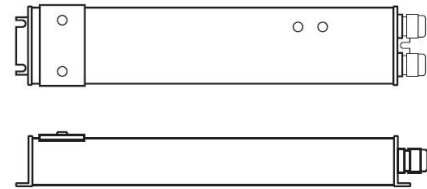
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### COMPATIBLE TRANSFORMERS

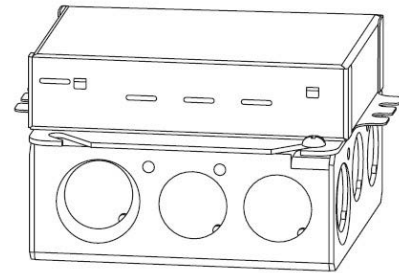
PSDE SERIES  
0-10V DIMMING W/ JUNCTION BOX

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"



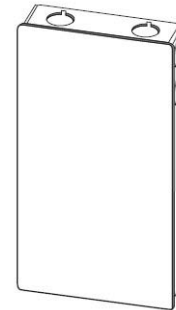
LUTRON 1%  
3-WIRE DIMMING

L3DA4U1UKL-CV240	CLASS 2	4.0" X 1.5" X 4.0"
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LUTRON 1%  
3-WIRE DIMMING

PSDE-96W-24V-ECO	CLASS 2	10.5" X 3.0" X 2.0"
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### 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"

