

LSM-55

5.5W INDOOR FLEXIBLE LED STRIP

UPDATED: 07.31.26

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	529 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)

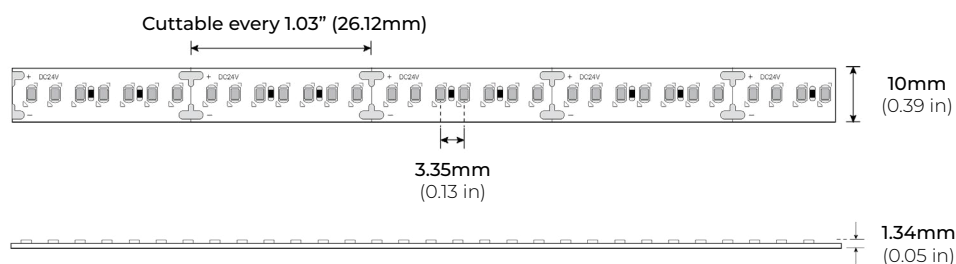


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSM55	22K 2200K	16 16 Ft.	24 24V DC	See Page 3 for compatible profiles.
	24K 2400K	100 100 Ft.		
	27K 2700K	1XX per Ft.		
	30K 3000K			
	35K 3500K			
	40K 4000K			
	50K 5000K			
	60K 6000K	*1 = Custom length per FT. (Cuttable every 1.03")		* Custom color finishes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

LSM-55

5.5W INDOOR FLEXIBLE LED STRIP

DIMENSIONS



COMPATIBLE CONNECTORS

For more information about connector-profile compatibility, visit corelightingusa.com/tape-light-accessories.

HP PRO CONNECTORS

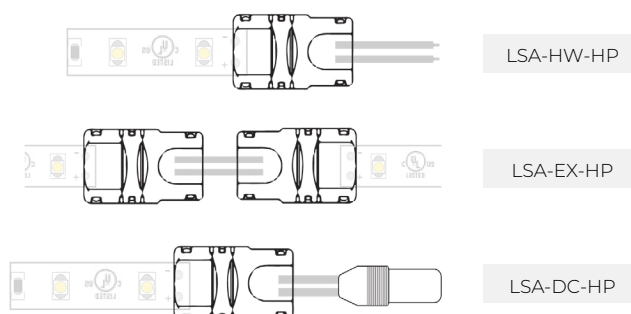
QUICK CONNECT SNAP-ON

(0.95" X 0.57" X 0.30")

- | | |
|-----------------|-------------------------|
| 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-HPX10 | 24" DC CONNECTOR |
|----------------|------------------|



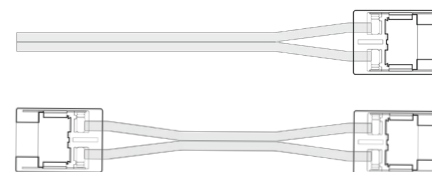
MINI CRIMP CONNECTORS

QUICK CONNECT

(0.62" X 11.7" X 0.14")

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

- | | |
|----------------|---------|
| LSA-EXPC-3-X10 | 3" LINK |
|----------------|---------|



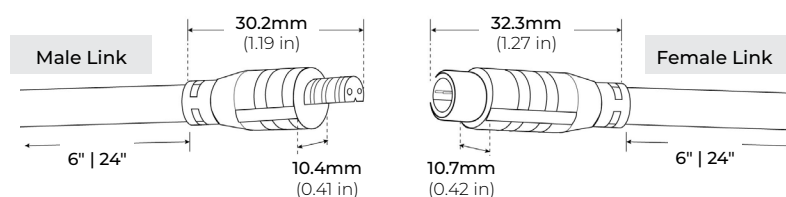
MALE/ FEMALE LINK CONNECTORS

HARDWIRE LINK CONNECTOR

100W (MAX POWER) | 4.5A (MAX RATING)

*SOLD SEPARATELY

- | | |
|-------|-----------------------------|
| CON6 | 6" HARDWIRE LINK CONNECTOR |
| CON24 | 24" HARDWIRE LINK CONNECTOR |



LSM-55

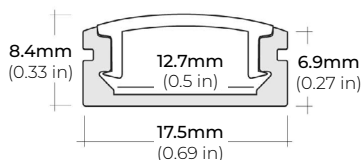
5.5W INDOOR FLEXIBLE LED STRIP

COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

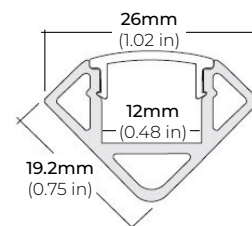
ALU-SF

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



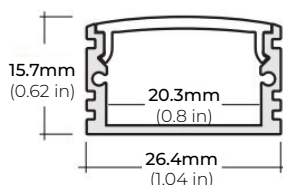
ALU-CN (CORNER)

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



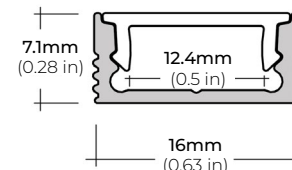
ALU-DS100

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



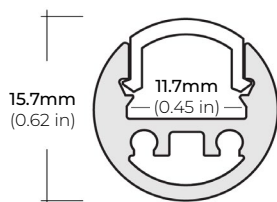
ALP-20

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



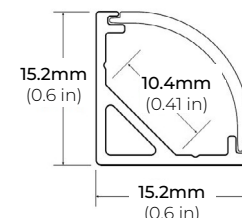
ALP-35

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



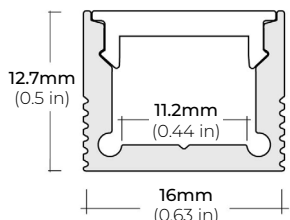
ALP-50C-V2 (CORNER)

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



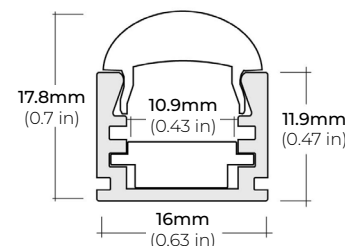
ALP-60

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



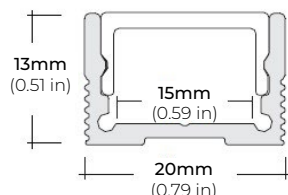
ALP-65

LENGTHS 48" | 96"
LENS Clear
FINISH Silver



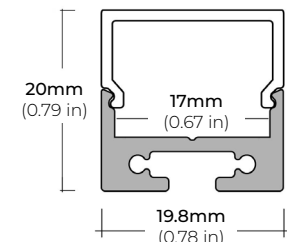
ALP-70

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



ALP-80

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver

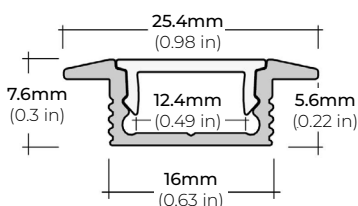


* For more compatible profiles, visit corelightingusa.com

RECESSED PROFILES

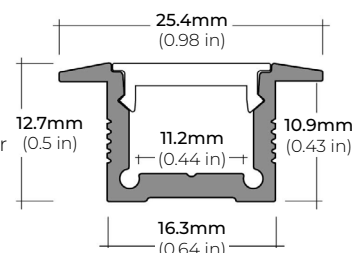
ALP-20R

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

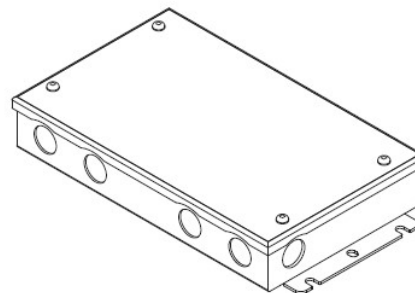
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COMPATIBLE TRANSFORMERS

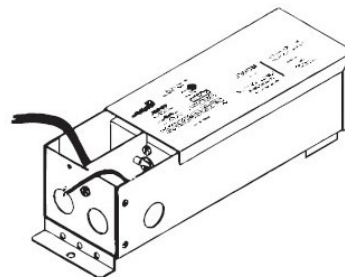
PSDL SERIES TRIAC DIMMABLE

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"



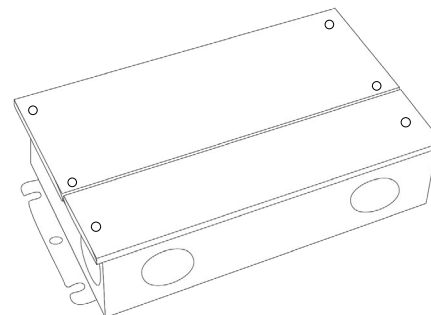
PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



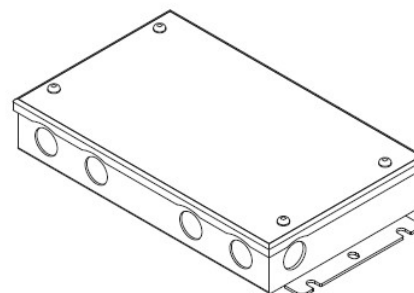
PSRX SERIES 4-IN-1 DIMMING DRIVER

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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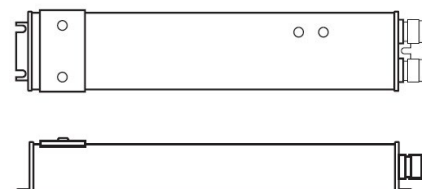
5.5W INDOOR FLEXIBLE LED STRIP

COMPATIBLE TRANSFORMERS

PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

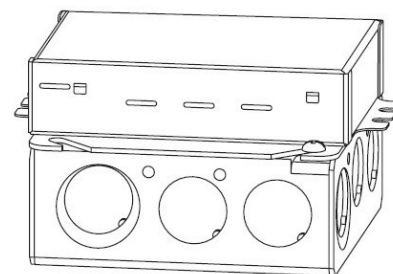
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



LUTRON 1%

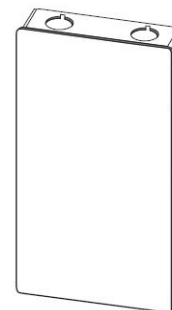
3-WIRE DIMMING

L3DA4U1UKL-CV240	CLASS 2	4.89" X 4" X 2.62"
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LUTRON 1%

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"

