

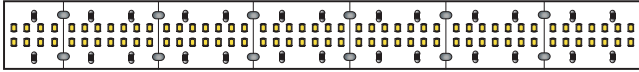
LSM105

10W High Output Indoor Flexible LED Strip

CORE
ARCHITECTURAL
LIGHTING

JOB NAME: _____
LOCATION: _____
QUOTE/REF#: _____

1.0 in
(25.4 mm)



0.79 in
(20 mm)



0.04 in
(1.1 mm)

LSM105 is a high-output, double-row LED strip designed to produce up to 840 Lm/Ft. at 10W/Ft. This field cuttable LED strip features a low profile design that allows it to be attached almost anywhere. Installation is quick and easy. It produces a 120° light beam spread and is available in different color temperatures to fit your specific needs.

SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	10W per foot
LUMEN OUTPUT	840 Lm/Ft.
NO. OF LEDs	108 LEDs per foot
BEAM ANGLE	120°
CRI	98+
DIMMING	MLV, ELV, 0-10V and TRIAC
MAXIMUM RUN LENGTH	10 Feet
FIELD CUTTABLE	Every 1.0 in (25.4MM)
IP RATING	IP45 dry location (indoor)
LUMEN MAINTENANCE	50,000 hrs.
OPERATING TEMPERATURE	-40°F(-40°C)~+140°F(+60°C)
BINNING	1.5 Step Macadam Elipse
CERTIFICATIONS	UL listed
DIMENSIONS	0.79" x 0.04" (width x height)



FEATURES

- 10W per Foot
- 840 Lumens per Foot
- 98+ CRI
- Two rows of powerful high output diodes
- 10 Feet Maximum Run Length
- Ideal for accent and ambient lighting
- Multiple CCT options available
- UL Listed
- Dimmable with CORE dimmable drivers
- Approved for closet / storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)

COLOR TEMP CRI LUMEN/FT



2200K	82	730
2500K	98	740
2700K	98	810
3000K	97	840
3500K	91	870
4000K	95	960

LSM105

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STANDARD ORDERING CODE

Model	Color Temp	Length	Voltage	Profile
LSM105	22K 2200K	16 16.4 Ft.	24 24 Volts	²See p3 for options
	25K 2500K	100 100 Ft.		
	27K 2700K	¹XX per Ft.		
	30K 3000K			
	35K 3500K			
	40K 4000K			

NOTE:

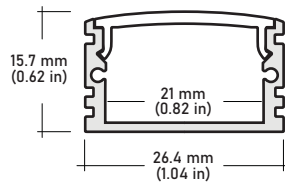
- 1** = Custom length per Ft.
cuttable every 1.0'
- 2** = Custom color finishes require
powder coating. Allow 7 days
lead time.

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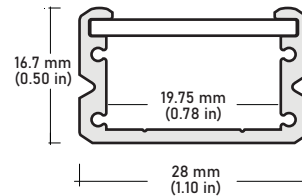
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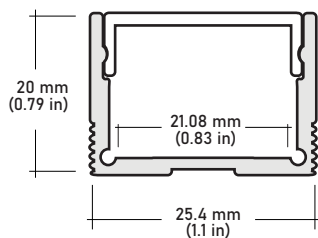
COMPATIBLE ALUMINUM PROFILES



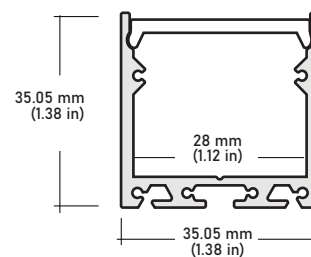
ALU-DS100 Surface Wide
LENGTHS 39^{3/8"} | 78^{7/8"} | 96"
LENS Clear, Frosted
FINISH Silver



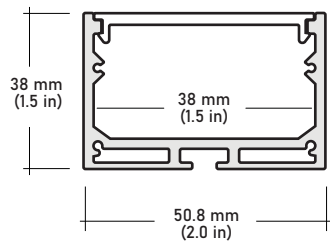
ALP-90 Surface
LENGTHS 48" | 96"
LENS Frosted
FINISH Silver



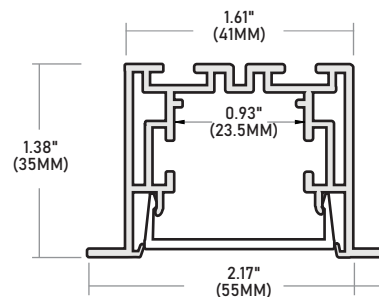
ALP-130 Surface, Suspended
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



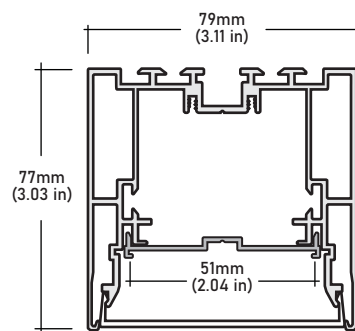
ALP-140 Surface, Suspended
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



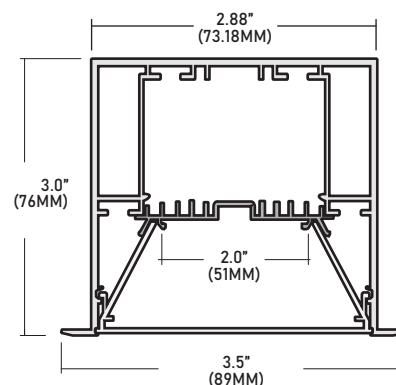
ALP-160 Surface, Suspended
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



ALP-210RN Recessed
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



ALP-160 Surface, Suspended
Recessed
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver

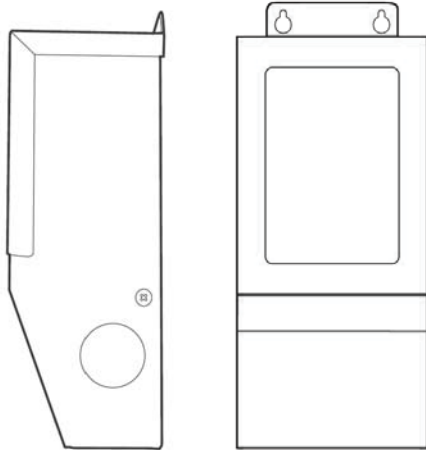


ALP-340R Recessed
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver

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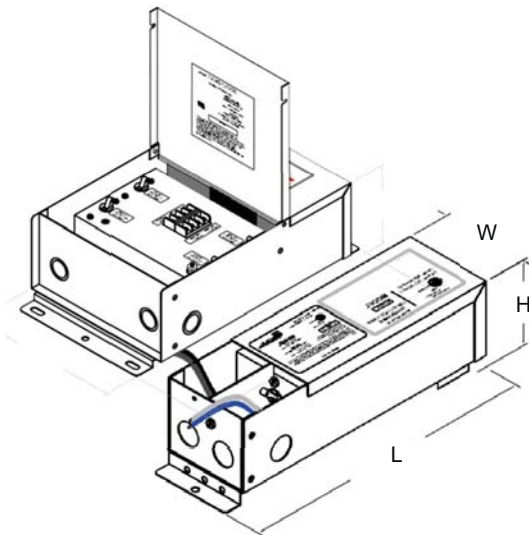
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COMPATIBLE TRANSFORMERS



PSDM 24V SERIES | DIMMABLE MAGNETIC LOW VOLTAGE (MLV)

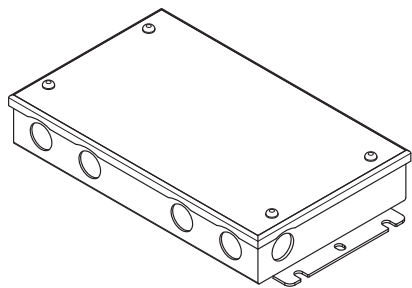
PSDM-20W-24V	CLASS 2	5.6" x 2" x 2.14"
PSDM-40W-24V	CLASS 2	5.6" x 2" x 2.14"
PSDM-60W-24V	CLASS 2	6.5" x 2.3" x 2.5"
PSDM-100W-24V	CLASS 2	6.5" x 2.3" x 2.5"
PSDM-150W-24V		9.8" x 3" x 3"
PSDM-192W-24V	CLASS 2	7.0" x 7.0" x 3.2"
PSDM-200W-24V		9.8" x 3" x 3"
PSDM-288W-24V	CLASS 2	9.8" x 4.2" x 3.5"
PSDM-300W-24V		7.0" x 7.0" x 3.2"



PSDH SERIES | HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

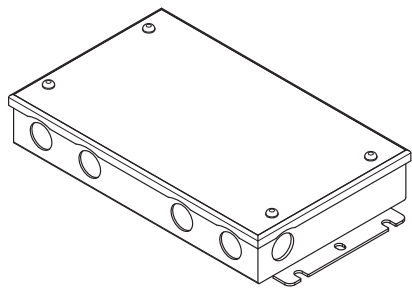
PSDH-48W-24V	CLASS 2	11.25" x 3.37" x 3.25"
PSDH-96W-24V	CLASS 2	11.25" x 3.37" x 3.25"
PSDH-288W-24V	CLASS 2	14.25" x 8.43" x 4.43"

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	CLASS 2	8.67"x 3.67"x 1.62"
PSDL-192W-24V	CLASS 2	10.25"x 4.06"x 1.82"
PSDL-200W-24V	CLASS 2	10.25"x 4.06"x 1.82"
PSDL-288W-24V	CLASS 2	10.25"x 4.06"x 1.82"
PSDL-300W-24V	CLASS 2	10.25"x 4.06"x 1.82"



PSHK SERIES | NON-DIMMING W/ JUNCTION BOX

PSHK-30W-24V-UNV	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V-UNV	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V-UNV	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V-UNV	CLASS 2	10.24" X 4.06" X 1.81"
PSHK-200W-24V-UNV	CLASS 2	10.24" X 4.06" X 1.81"
PSHK-300W-24V-UNV	CLASS 2	10.94" X 4.25" X 1.81"

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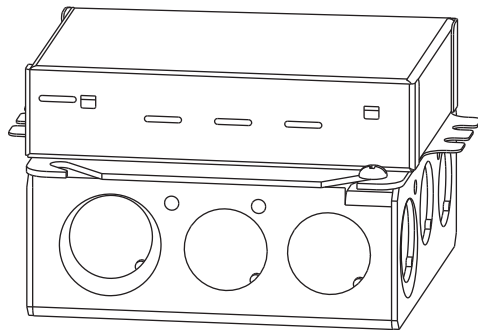
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COMPATIBLE TRANSFORMERS



PSDE SERIES | 0-10V DIMMING W/ JUNCTION BOX

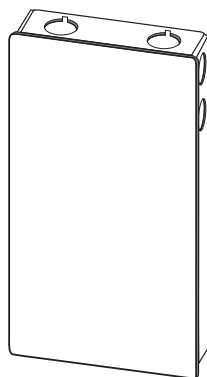
PSDE-100W-24V-010-JB CLASS 2 12.32" x 1.77" x 1.67"



LUTRON 1% | 2 OR 3-WIRE DIMMING

LTEA4U1UKL-CV240 CLASS 2 4.0" x 1.5" x 4.0"

L3DA4U1UKL-CV240 CLASS 2 4.0" x 1.5" x 4.0"



LUTRON 1%

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