

LSM105MX

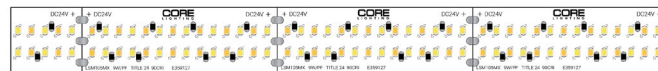
9W INDOOR COLOR-TUNING FLEXIBLE LED STRIP

Project _____

Location _____

Quote/ Ref # _____

LSM105MX is a hybrid version of our popular LSM105 series. It features combined CCTs in one LED strip ranging from warm 2200K to cool 6000K. Rated to last 50,000 hours, making it an excellent replacement for halogen lighting. Ideal for most common indoor applications.



SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	9W/Ft.
NO. OF LEDS	128 LEDs per Ft.
LUMEN OUTPUT	876 Lm/Ft.
CRI	90+
COLOR TEMPERATURE	22K / 27K / 30K / 40K / 50K / 60K
DIMMING	0-10V and DMX
MAXIMUM RUN LENGTH	16 Ft.
CUTTABLE	Every 2.45 in (62.23mm)
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
LUMEN MAINTENANCE	50,000 Hrs.

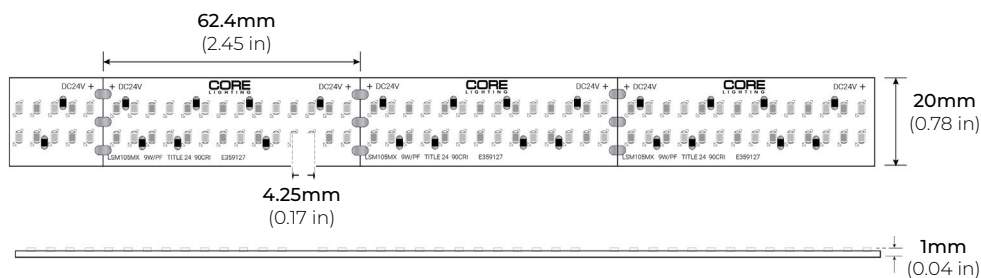


MODEL	COLOR TEMP A	COLOR TEMP B	LENGTH	VOLTAGE	PROFILE
LSM105MX	22K 2200K	30K 3000K	16 16 Ft.	24V 24 Volts	See Page 5 for compatible profiles.
	27K 2700K	40K 4000K	100 100 Ft.		
	30K 3000K	50K 5000K	1XX per Ft.		
		60K 6000K			
			*1 = Custom length per Ft. (cuttable every 2.45")		* Custom color finishes require powder coating. Allow 7 days leads time.

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DIMENSIONS



COMPATIBLE 0-10V DIMMING MODULE

PSDE-TW2-010-CT TUNABLE WHITE DIMMING MODULE

INPUT VOLTAGE RANGE	8-48V DC
INPUT CURRENT	5.1A MAX (per channel)
INPUT CONTROL	2
MAX OUTPUT CURRENT	5A
MAX OUTPUT POWER	240W
DIMENSIONS	LxWxH (3.86"x1.73"x0.57")



* Requires a non-dimming driver. See options below.

BASIC CONTROLLERS

RGB-CT820 BLUETOOTH TOUCH PANEL WALL CONTROLLER

INPUT VOLTAGE	12-24V DC
ZONES	4
CONTROL MODE	Color Tuning
WIRELESS PROTOCOL	Bluetooth 5.0 SIG Mesh
WORKING TEMP	-20°C ~ 55°C
DIMENSIONS	LxWxH (4.7"x3"x1.2")

* Paired with RGB-CT800-RC (Sold Separately)



RGB-CT800-RC BLUETOOTH CONSTANT VOLTAGE LED RECEIVER

INPUT VOLTAGE	12V 24V
OUTPUT CURRENT	4Ax5CH / 5Ax4CH (20A Max)
POWER CAPACITY	240W (12V) 480W (24V)
PROGRAMMABILITY	iOS and Android
WORKING TEMP	-20°C ~ 55°C
DIMENSIONS	LxWxH (6.9 x1.7 x 1.2")

* Paired with RGB-CT820 (Sold Separately)



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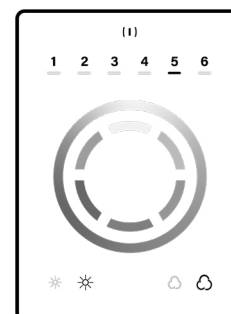
DMX CONTROLLERS

All DMX Controllers require a DMX Decoder. Please see below for compatible options.

RGB-SCW4

WiFi DMX WALL CONTROLLER

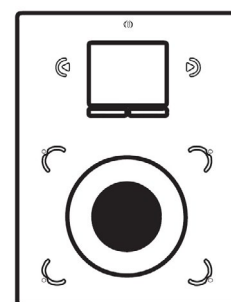
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



RGB-SDE3

WiFi DMX WALL CONTROLLER

INPUT VOLTAGE	6V DC, 0.6A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS	Black/ White
CONNECTION	USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay
MEMORY	MicroSD Card
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



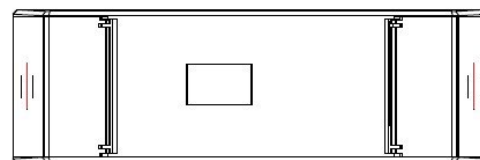
DMX DECODERS

All DMX Decoders require a DMX Controller. Please see above for compatible options.

RGB-DMX-4C-RJ45

4-CHANNEL DMX DECODER

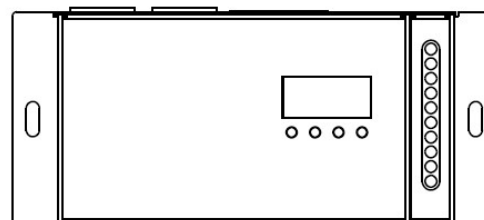
INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 4CH
OUTPUT WATTAGE	4 x (96W ~ 288W)
OUTPUT CHANNELS	4
DIMENSIONS	LxWxH (7"x1.77"x0.75")



RGB-DMX-5C-XLR

5-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 5CH
OUTPUT WATTAGE	5 x (96W ~ 192W)
OUTPUT CHANNELS	5
DIMENSIONS	LxWxH (6.45"x2.87"x1.5")



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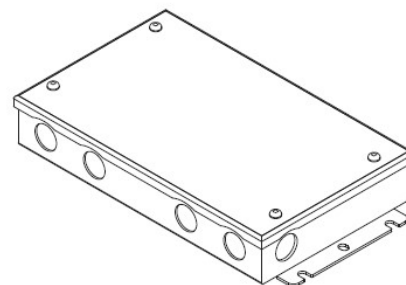
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COMPATIBLE NON-DIMMING DRIVERS

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"



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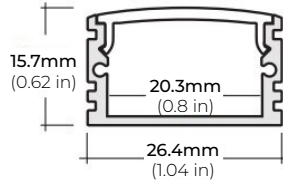
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COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

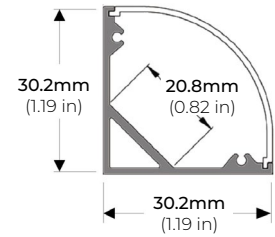
ALU-DS100

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



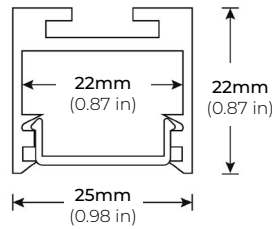
ALP-100C

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



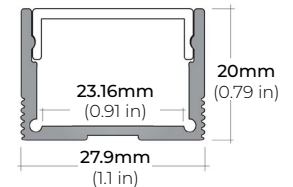
ALP-102

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



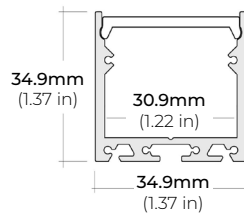
ALP-130

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



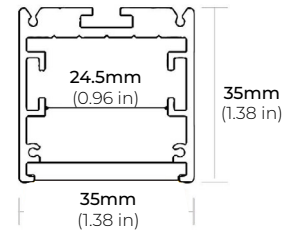
ALP-140

LENGTHS 48" | 98"
LENS Frosted
FINISH Silver



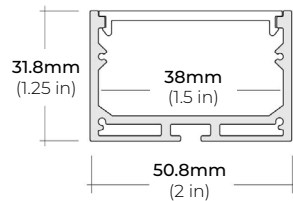
ALP-150LX

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



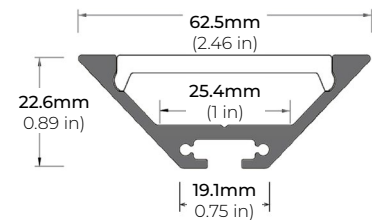
ALP-160

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



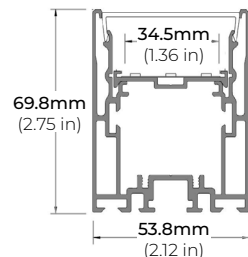
ALP-190

LENGTHS 48" | 98"
LENS Frosted
FINISH Silver



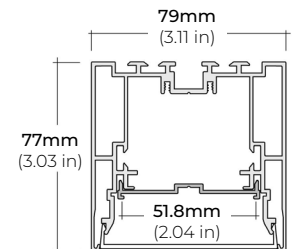
ALP-230N

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



ALP-310N

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver

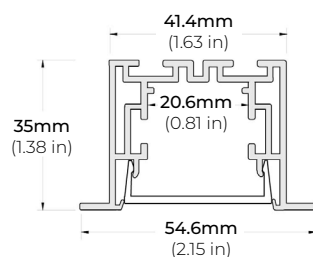


* For more compatible profiles, visit corelightingusa.com

RECESSED PROFILES

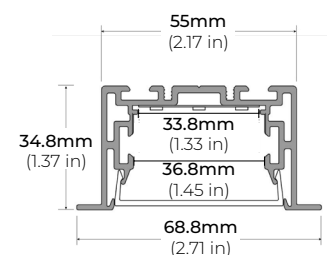
ALP-210RN

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



ALP-230RN

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



* For more compatible profiles, visit corelightingusa.com