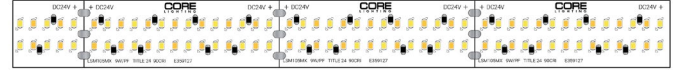


# LSM105MX

## 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.

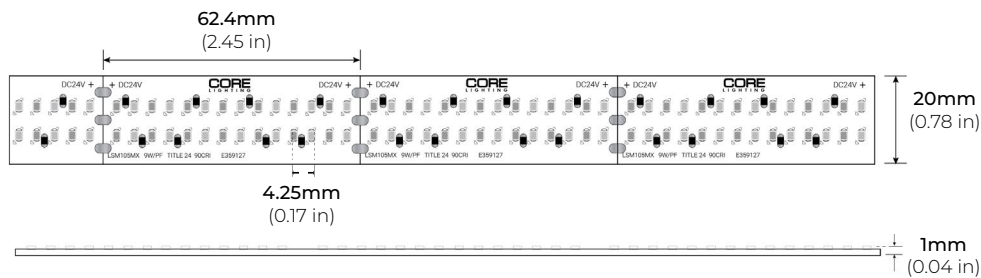


MODEL	COLOR TEMP A	COLOR TEMP B	LENGTH	VOLTAGE	PROFILE
LSM105MX	<b>22K</b> 2200K	<b>30K</b> 3000K	<b>16</b> 16 Ft.	<b>24V</b> 24 Volts	<i>See Page 5 for compatible profiles.</i>
	<b>27K</b> 2700K	<b>40K</b> 4000K	<b>100</b> 100 Ft.		
	<b>30K</b> 3000K	<b>50K</b> 5000K	<b>1XX</b> per Ft.		
		<b>60K</b>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

# LSM105MX

## 9W INDOOR COLOR-TUNING FLEXIBLE LED STRIP

### DIMENSIONS



### COMPATIBLE 0-10V DIMMING MODULE

0-10V Dimming modules require a non-dimming driver.  
Please refer to page 4 for compatible options.

#### PSDE-TW2-010-CT 0-10V CONTROL

INPUT VOLTAGE	8-48V DC
INPUT CURRENT	5.1A MAX (per channel)
INPUT CONTROL	2
OUTPUT CURRENT	5A
MAX OUTPUT POWER	240W
DIMENSIONS	LxWxH (3.86" X 1.73" X 0.57")



### BASIC CONTROLLERS

All controllers require a paired receiver and a Non-Dimming Driver.  
Please refer to page 4 for compatible options.

#### 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)



# LSM105MX

## 9W INDOOR COLOR-TUNING FLEXIBLE LED STRIP

### DMX CONTROLLERS

All DMX Controllers require a DMX Decoder and Non-Dimming Driver.  
Please refer to page 4 for compatible options.

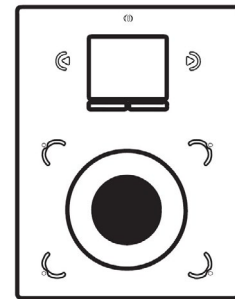
#### RGB-SCW4 WiFi DMX WALL CONTROLLER

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
CONNECTIONS	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")

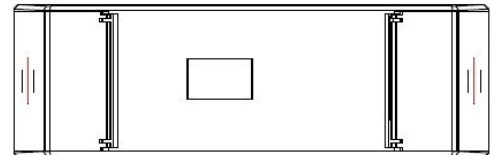


### DMX DECODERS

All DMX Decoders require a DMX Controller and Non-Dimming Driver.  
Please refer to page 4 for compatible options.

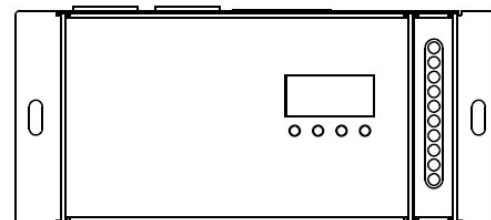
#### RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	5A X 4CH
OUTPUT WATTAGE	60W(12V), 120W(24V)
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")



# LSM105MX

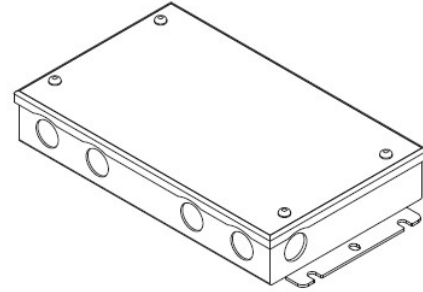
## 9W INDOOR COLOR-TUNING FLEXIBLE LED STRIP

### 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"

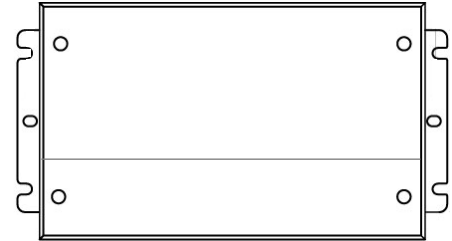


### COMPATIBLE DALI DIMMING DRIVERS

#### PSDE-96W-24V-UNV-DALI-2-DT8

DALI-2 DIMMING DRIVER

CLASS 2	Yes
INPUT VOLTAGE	100-277V AC
INPUT CURRENT	1.25A MAX
OUTPUT CURRENT	4A
MAX OUTPUT POWER	96W
DIMENSIONS	LxWxH (9.52" x 4.88" x 1.6")



\* Non-dimming driver not required.

# LSM105MX

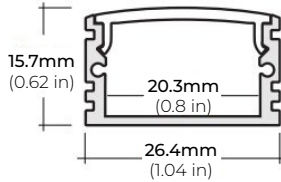
## 9W INDOOR COLOR-TUNING FLEXIBLE LED STRIP

### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

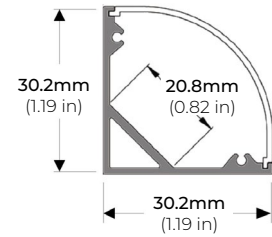
##### ALU-DS100

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



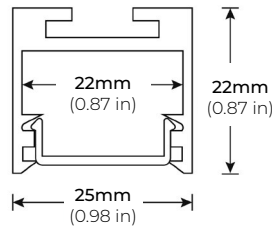
##### ALP-100C

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



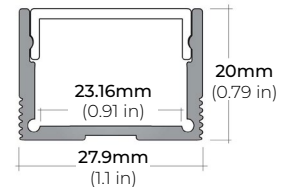
##### ALP-102

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



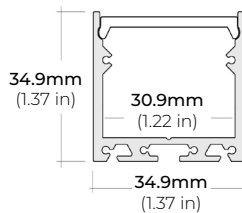
##### ALP-130

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



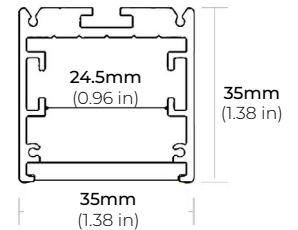
##### ALP-140

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



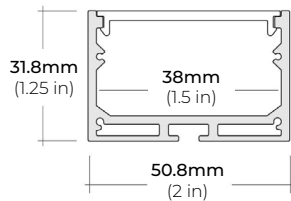
##### ALP-150LX

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



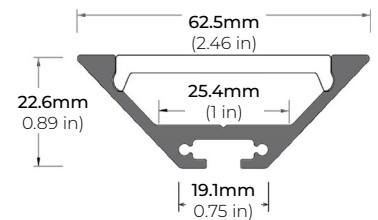
##### ALP-160

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



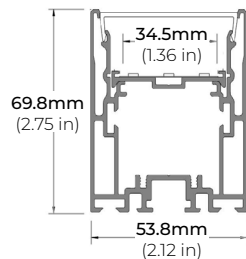
##### ALP-190

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



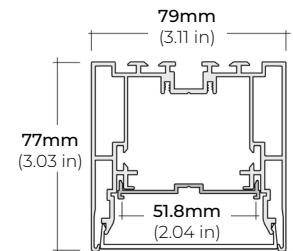
##### ALP-230N

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



##### ALP-310N

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver

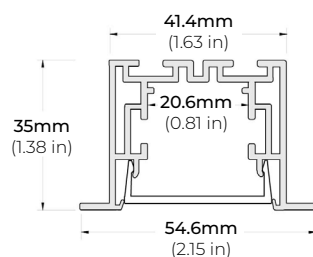


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESSED PROFILES

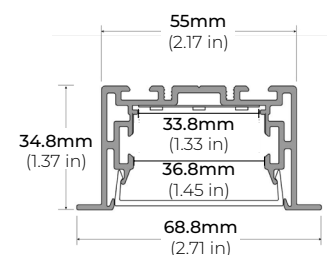
##### ALP-210RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



##### ALP-230RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



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