

LSMW-55MX

5.5W OUTDOOR COLOR-TUNING FLEXIBLE LED STRIP

Project _____

Location _____

Quote/ Ref # _____

LSMW-55MX is an outdoor, hybrid version of the LSM-55 series. It features combined Color Temperatures in one LED strip ranging from warm 1800K to cool 5000K. It is capable of delivering 500+ lumens, dimmable and attaches to most surfaces. These strips are great for many common outdoor applications.



SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	5.5W/Ft.
NO. OF LEDS	81 LEDs per Ft.
LUMEN OUTPUT	500+ Lm/Ft.
CRI	95+
DIMMING	0-10V
MAXIMUM RUN LENGTH	12 Ft.
CUTTABLE	Every 2 in (50.8mm)
BINNING	1.5 Step Macadam Elipse
OPERATING TEMPERATURE	-40°F (-40°C) ~ 140°F (60°C)
BEAM ANGLE	120°
IP RATING	IP65 wet location (Outdoor)
CERTIFICATIONS	UL Listed, TITLE 24 JA8, RoHS
LUMEN MAINTENANCE	50,000 Hrs.

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

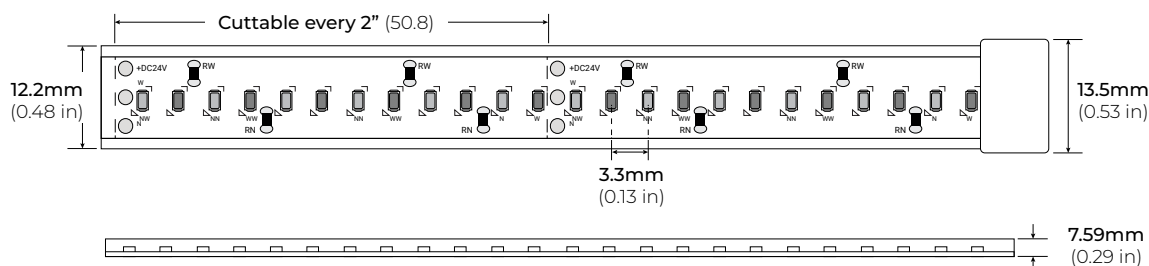


MODEL	COLOR TEMP A	COLOR TEMP B	LENGTH	VOLTAGE	PROFILE
LSMW55MX	18K 1800K	27K 2700K	1XX per Ft.	24 24V DC	See Page 2 for compatible profiles.
	22K 2200K	30K 3000K			
	25K 2500K	35K 3500K			
	27K 2700K	42K 4200K			
	30K 3000K	50K 5000K			
	35K 3500K	60K 6000K			
	42K 4200K				
	50K 5000K				
	60K 6000K		*1 = Custom length per FT. (Cuttable every 2")		* Custom color finishes require powder coating. Allow 7 days leads time.

LSMW-55MX

5.5W OUTDOOR COLOR-TUNING FLEXIBLE LED STRIP

DIMENSIONS

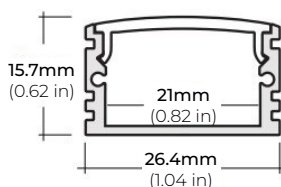


COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

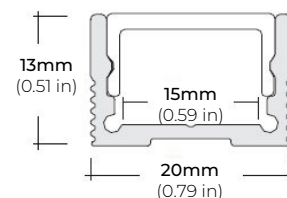
ALU-DS100

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



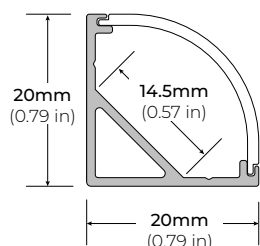
ALP-70

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



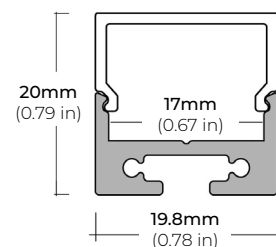
ALP-75C (CORNER)

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



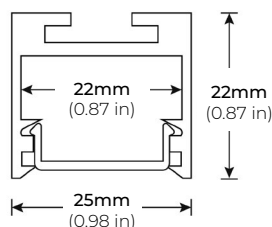
ALP-80

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



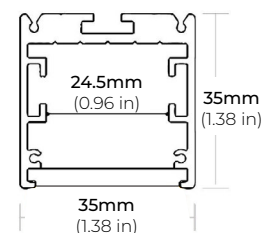
ALP-102

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



ALP-150LX

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

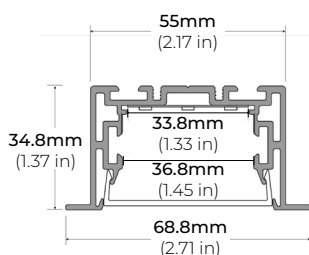


* For more compatible profiles, visit corelightingusa.com

RECESSED PROFILES

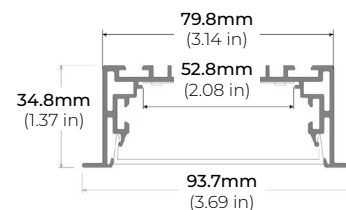
ALP-230RN

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



ALP-330RN

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



* For more compatible profiles, visit corelightingusa.com

LSMW-55MX

5.5W OUTDOOR COLOR-TUNING FLEXIBLE LED STRIP

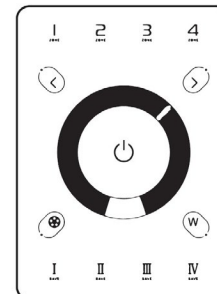
DMX CONTROLLERS

All DMX Controllers require a DMX Decoder. Please see page 4 for compatible options.

RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

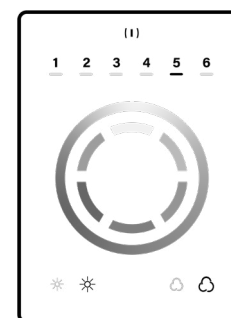
INPUT VOLTAGE	5V DC, 1A
OUTPUT SIGNAL	RF 2.4GHZ + DMX512
CONTROL	4 ZONES
COLOR OPTIONS	Black/ White
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.19"x7.08"x1.38")



RGB-SCW4

WiFi DMX WALL CONTROLLER

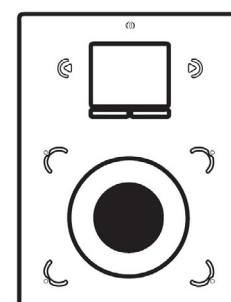
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



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")



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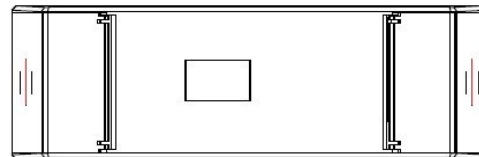
DMX DECODERS

All DMX Decoders require a DMX Controller. Please see page 3 for compatible options.

RGB-DMX-4C-RJ45

4-CHANNEL DMX DECODER

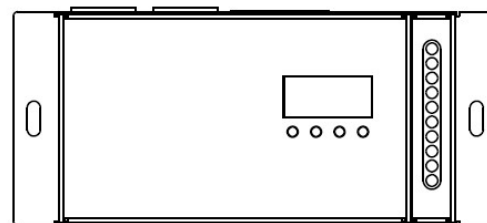
INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 4CH
OUTPUT WATTAGE	4 x (96W ~ 288W)
OUTPUT CHANNELS	4
DIMENSIONS	LxWxH (6.5"x2.38"x1.27")



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")



LSMW-55MX

5.5W OUTDOOR COLOR-TUNING FLEXIBLE LED STRIP

COMPATIBLE 0-10V DIMMING MODULE

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")

** 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 x 1.7 x 1.2")

** Paired with RGB-CT820 (Sold Separately)*



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"

