

LSMW-55 RGBW

5W OUTDOOR COLOR-CHANGING LED STRIP

Project _____
Location _____
Quote/ Ref # _____

LSMW-55 RGBW series is a flexible color-changing LED strip that provides the perfect lighting solution for spaces that require dynamic full color and white LED illumination. The warm white LED's combined with the full color spectrum of the RGB light array produces more powerful color options that's sure to please even the most discerning lighting designer. Suitable for residential, commercial, hospitality and architectural lighting applications



SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	5W/FT
LEDS/ FT.	128 LEDS per Ft..
LUMEN OUTPUT	310 Lm
CRI	90+
COLOR TEMPERATURE	RGBW27K / RGBW30K / RGBW40K / RGBW50K
DIMMING	Through RGB controller
MAXIMUM RUN LENGTH	16FT
CUTTABLE	Every 2.5" (64mm)
OPERATING TEMPERATURE	-40°F(-40°C)~+140°F(+60°C)
AMBIENT TEMPERATURE	-40°F(-40°C)~+140°F(+60°C)
BEAM ANGLE	120°
IP RATING	Outdoor, wet location
CERTIFICATIONS	UL Listed, California TITLE 24 JA8
LUMEN MAINTENANCE	50,000 Hrs.

FEATURES

- 24V DC
- 5W/FT
- 90+ CRI
- 310 Lumens
- Field cuttable
- Suitable for accent or ambient lighting
- Outdoor rated
- Superior COLOR RENDERING INDEX (CRI)
- California TITLE 24 JA8 compliant
- UL Listed

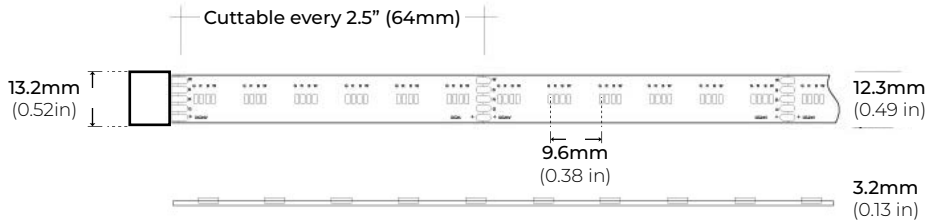


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSMW-55	RGBW27K RGB + 2700K	10 10 Ft.	24 24V DC	See Page 2 for compatible profiles.
	RGBW30K RGB + 3000K	20 20 Ft.		
	RGBW40K RGB + 4000K	PF Per Ft.		
	RGBW50K RGB + 5000K			

LSMW-55 RGBW

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DIMENSIONS

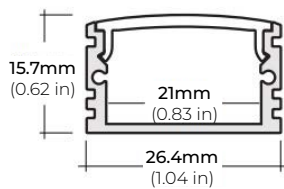


COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

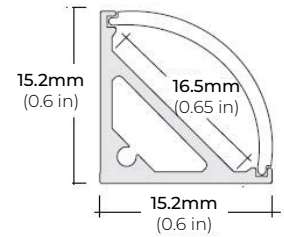
ALU-DS100

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



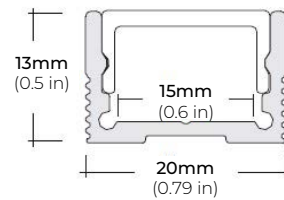
ALP-50C (CORNER)

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



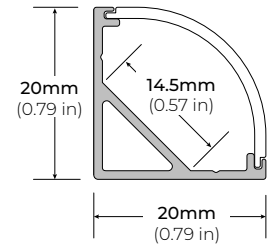
ALP-70

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



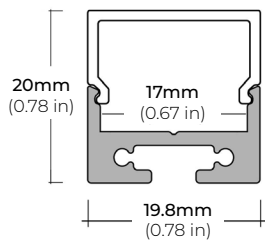
ALP-75C (CORNER)

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



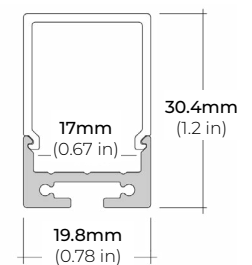
ALP-80

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



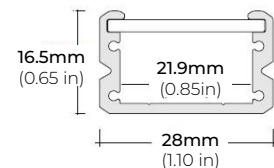
ALP-85

LENGTHS 48" | 98"
LENS Frosted
FINISH Silver



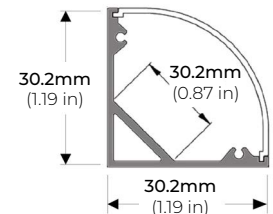
ALP-90

LENGTHS 48" | 96"
LENS Frosted
FINISH Silver



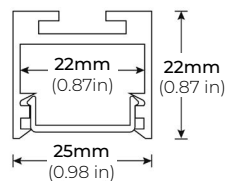
ALP-100C (CORNER)

LENGTHS 48" | 98"
LENS Frosted
FINISH Silver



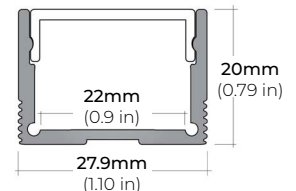
ALP-102

LENGTHS 48" | 96"
LENS Frosted
FINISH White | Black | Silver



ALP-130

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



* For more compatible profiles, visit corelightingusa.com

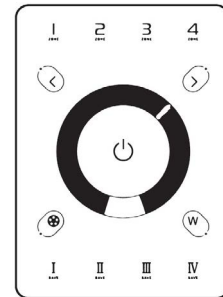
LSMW-55 RGBW

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DMX CONTROLLERS

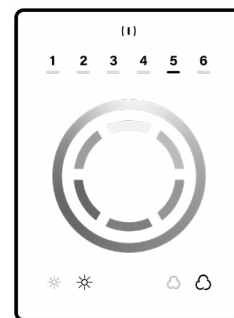
RGB CT600
MULTI-FUNCTION RGBW WALL CONTROLLER

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")



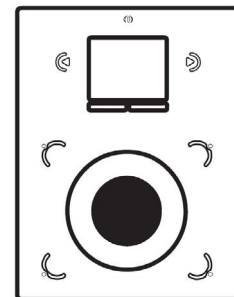
RGB-SCW4
WiFi DMX WALL CONTROLLER

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

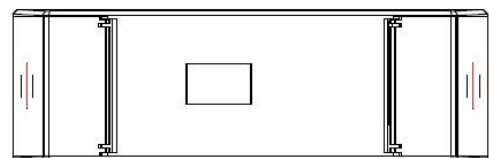
INPUT VOLTAGE 6V DC, 0.6A
OUTPUT SIGNAL DMX512 (x2)
PROGRAMMABILITY PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS Black/ White
CONNECTIONS USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay
MEMORY MicroSD Card
WORKING TEMP -20°C ~ 40°C
DIMENSIONS LxWxH (5.75"x4.17"x0.43")



DMX DECODERS

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")



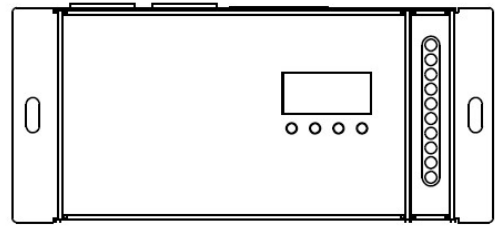
LSMW-55 RGBW

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DMX DECODERS

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")

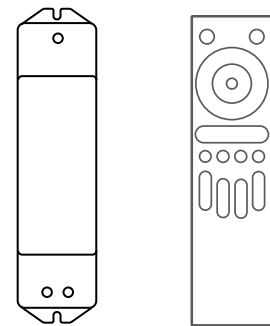


BASIC CONTROLLERS

RGB-CT550 RGBW WIRELESS RECEIVER / CONTROLLER SYSTEM

REMOTE DISTANCE	100 Ft. (Line of Sight)
FREQUENCY	2.4 GHz
DIMENSIONS	LxWxH (6.38"x1.65"x0.59")
WEIGHT	0.44lbs.

INPUT VOLTAGE	DC5V ~ DC24V
POWER CAPACITY	100W (5V) 240W (12V) 480W (24V)
OUTPUT CURRENT	5A per Channel (20A Total)
WORKING TEMP	-30°C~55°C (-22°F~131°F)
DIMENSIONS	LxWxH (6.89"x1.73"x1.18")

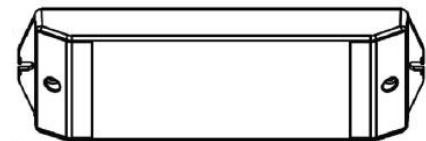


* RGB-CT500-RX (Sold Separately)

* RGB-CT500-RX
(Sold Separately)

RGB-CT700 MASTER RGBW WIFI CONTROLLER

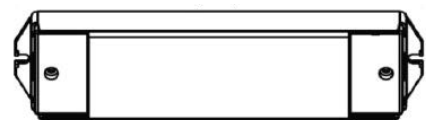
INPUT VOLTAGE	12-24V DC
OUTPUT TYPE	Constant Voltage
POWER CAPACITY	288W (12V) 384W (24V)
OUTPUT CURRENT	5A per Channel (20A Total)
WORKING TEMP	-4°F (-20°C) ~ 122°F (50°C)
DIMENSIONS	LxWxH (7 x1.8 x 0.8")



* Paired with RGB-CT705ZR (Sold Separately)

RGB-CT705ZR SLAVE RGBW WIFI CONTROLLER

INPUT VOLTAGE	12-24V DC
OUTPUT TYPE	Constant Voltage
POWER CAPACITY	288W (12V) 384W (24V)
OUTPUT CURRENT	5A per Channel (20A Total)
WORKING TEMP	-4°F (-20°C) ~ 122°F (50°C)
DIMENSIONS	LxWxH (7 x0.63 x 0.71")



* Paired with RGB-CT700 (Sold Separately)

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BASIC CONTROLLERS

RGB-CT840

BLUETOOTH TOUCH PANEL WALL CONTROLLER

INPUT VOLTAGE	12-24V DC
ZONES	4
CONTROL MODE	RGB RGBW
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)*



COMPATIBLE BASIC RECEIVERS

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 x1.2")

** Paired with RGB-CT840 (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"

