

LSPW50-RGBW

4.4W OUTDOOR DIGITAL COLOR-CHANGING LED STRIP

Project _____
Location _____
Quote/ Ref # _____

LSPW50-RGBW is an outdoor color changing flexible LED strip that provides a full spectrum of color options using red, green blue and white LED technology. The countless color mixing possibilities make RGB LEDs a diverse choice for even the most critical in lighting solutions and applications. It can be easily installed onto most surfaces with its attached double-sided mounting tape.



SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	4.4W/FT <i>(2.2W—38Lm/W RGB 2.2W—86Lm/W White)</i>
LEDS/ FT.	18 LEDES per Ft.
LUMEN OUTPUT	273 Lm/Ft (RGB+30K)
CRI	90+
COLOR TEMPERATURE	RGB+27K / RGB+30K / RGB+50K
DIMMING	Through RGB controller
MAXIMUM RUN LENGTH	25FT
CUTTABLE	Every 7.8" (198.23 mm)
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	IP65 outdoor, wet location
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

FEATURES

- 24V DC
- 4.4W/FT
- 123 Lm. (RGB) | 150 Lm. (White)
- 90+ CRI
- Field cuttable
- Architectural grade LED lighting
- Outdoor rated
- Dimmable with RGBW Controller
- Superior COLOR RENDERING INDEX (CRI)
- UL Listed

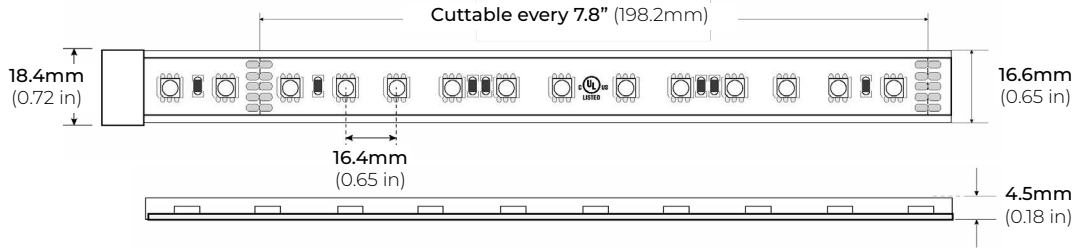


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSPW50	RGBW27K RGB + 2700K	16 16 Ft.	24 24V DC	See Page 2 for compatible profiles.
	RGBW30K RGB + 3000K	32 32 Ft.		
	RGBW50K RGB + 5000K	PF Per Ft.		

LSPW50-RGBW

4.4W OUTDOOR DIGITAL COLOR-CHANGING LED STRIP

DIMENSIONS

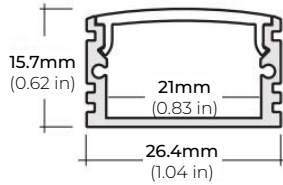


COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

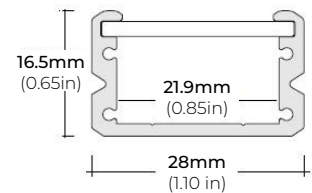
ALU-DS100

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



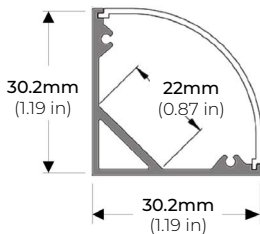
ALP-90

LENGTHS 48" | 96"
LENS Frosted
FINISH Silver



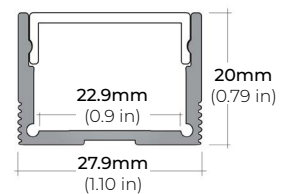
ALP-100C

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



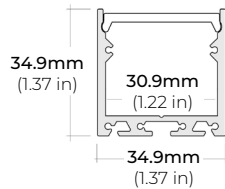
ALP-130

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



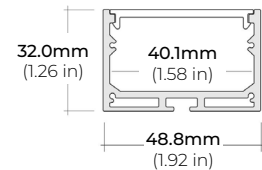
ALP-140

LENGTHS 48" | 98"
LENS Frosted
FINISH Silver



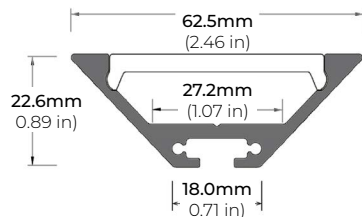
ALP-160

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



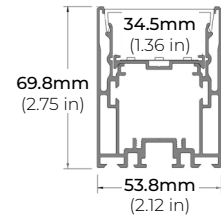
ALP-190

LENGTHS 48" | 98"
LENS Frosted
FINISH Silver



ALP-230N

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver

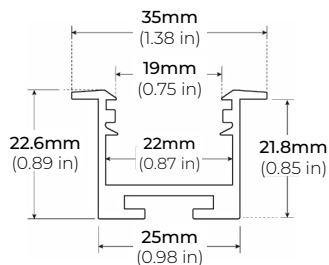


* For more compatible profiles, visit corelightingusa.com

RECESSED PROFILES

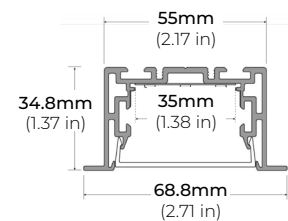
ALP-102R

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



ALP-230RN

LENGTHS 49" | 98"
LENS Frosted
FINISH Silver



* For more compatible profiles, visit corelightingusa.com

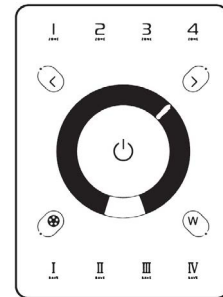
LSPW50-RGBW

4.4W OUTDOOR DIGITAL COLOR-CHANGING LED STRIP

DMX CONTROLLERS

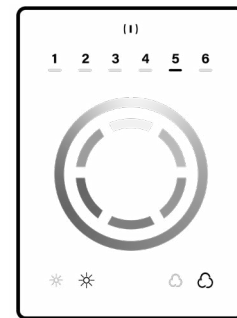
RGB CT600 MULTI-FUNCTION RGBW WALL CONTROLLER

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")



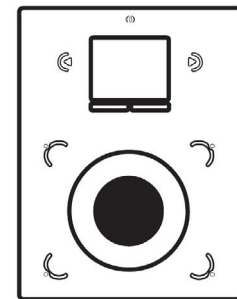
RGB-SCW4 WiFi DMX WALL CONTROLLER

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

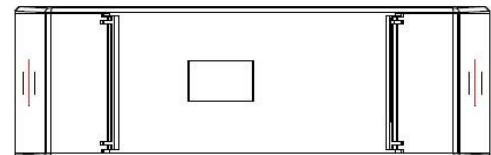
INPUT VOLTAGE 6V DC, 0.6A
OUTPUT SIGNAL DMX512 (x2)
PROGRAMMABILITY PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS Black/ White
CONNECTIONS USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay
MEMORY MicroSD Card
WORKING TEMP -20°C ~ 40°C
DIMENSIONS LxWxH (5.75"x4.17"x0.43")



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")



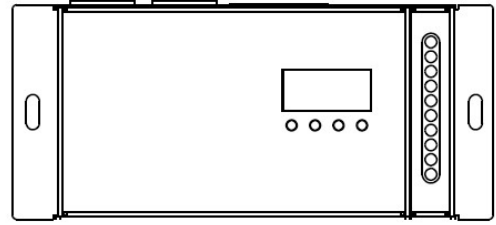
LSPW50-RGBW

4.4W OUTDOOR DIGITAL COLOR-CHANGING LED STRIP

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")

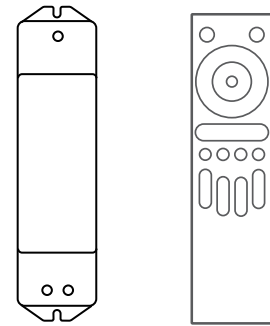


BASIC CONTROLLERS

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")

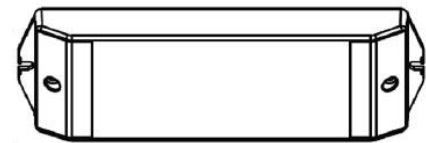


* RGB-CT500-RX (Sold Separately)

* 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)

LSPW50-RGBW

4.4W OUTDOOR DIGITAL COLOR-CHANGING LED STRIP

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 (6.9x1.7x1.2")

** 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"

