

# LSP-50 RGBW

## 4.4W INDOOR COLOR CHANGING + WHITE LED STRIP

Project \_\_\_\_\_  
Location \_\_\_\_\_  
Quote/ Ref # \_\_\_\_\_

**LSP-50 RGBW** is a 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
LEDS/ FT.	60 LEDS per Ft.
LUMEN OUTPUT	287 lm per Ft.
CRI	90+
COLOR TEMPERATURE	RGB+27K / RGB+30K / RGB+50K
DIMMING	Through RGBW controller
MAXIMUM RUN LENGTH	25 Ft.
CUTTABLE	Every 7.8 in. (198.2mm)
OPERATING TEMPERATURE	5°C (41°F) to 70°C (158°F)
AMBIENT TEMPERATURE	-20°C (4°F) to 40°C (108°F)
BEAM ANGLE	120°
IP RATING	IP54 Indoor rated
CERTIFICATIONS	UL Listed, California TITLE 24 JA8
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- 4.4W
- 90+ CRI
- 287 Lumens
- Full range RGB + White
- Field cuttable
- California TITLE 24 JA8 compliant
- UL Listed

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

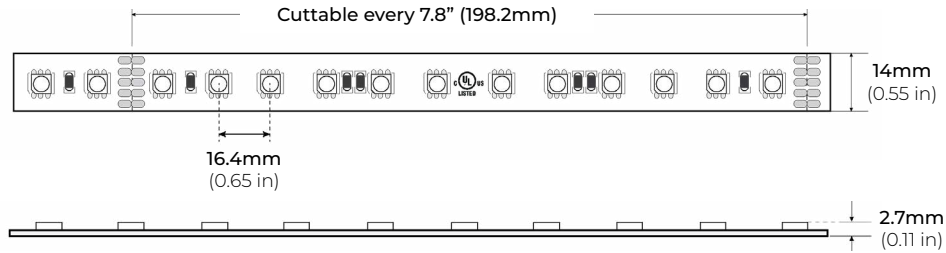


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSP50	<b>RGBW27K</b> RGB + 2700K	<b>16</b> 16.4 Ft.	<b>24</b> 24V DC	See Page 2 for compatible profiles.
	<b>RGBW30K</b> RGB + 3000K	<b>100</b> 100 Ft.		
	<b>RGBW50K</b> RGB + 5000K	<b>XX</b> Per Ft.		

# LSP-50 RGBW

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## DIMENSIONS

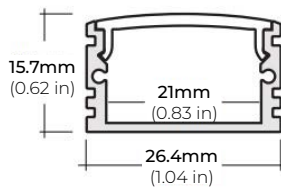


## COMPATIBLE ALUMINUM PROFILES

### SURFACE PROFILES

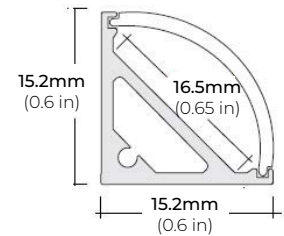
#### ALU-DS100

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



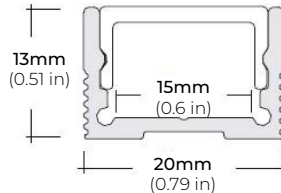
#### ALP-50C (CORNER)

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



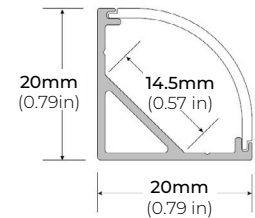
#### ALP-70

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



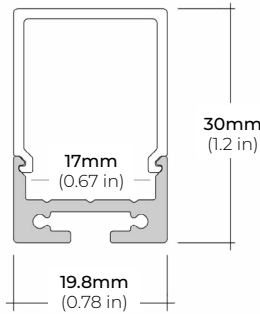
#### ALP-75C

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



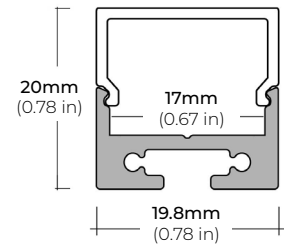
#### ALP-85

LENGTH 48" | 98"  
LENS Frosted  
FINISH Silver



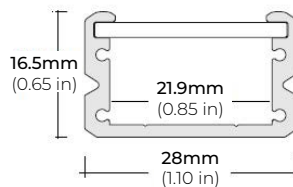
#### ALP-80

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



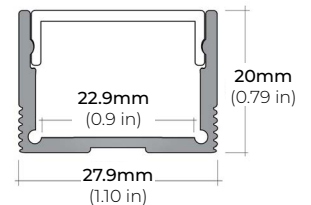
#### ALP-90

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Silver



#### ALP-130

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

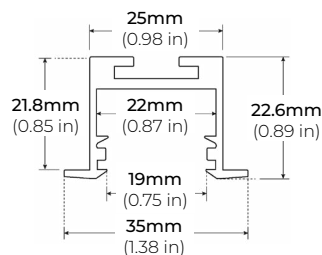


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

### RECESSED PROFILES

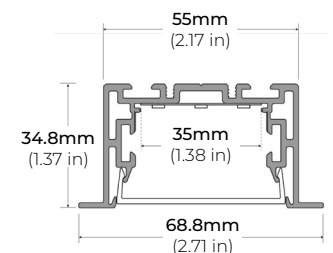
#### ALP-102R

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](http://corelightingusa.com)

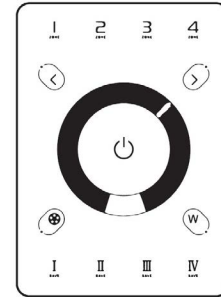
# LSP-50 RGBW

## 4.4W INDOOR COLOR CHANGING + WHITE LED STRIP

### DMX CONTROLLERS

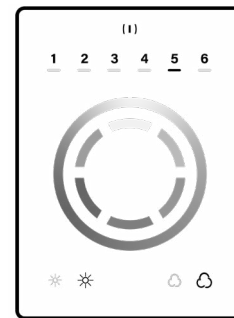
#### RGB CT600 MULTI-FUNCTION RGBW WALL CONTROLLER

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")



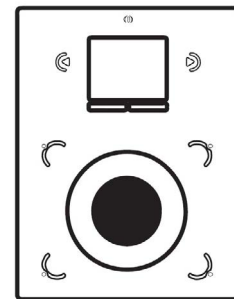
#### RGB-SCW4 WiFi DMX WALL CONTROLLER

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
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")



# LSP-50 RGBW

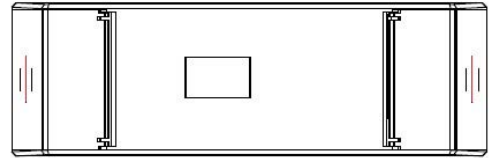
4.4W INDOOR COLOR CHANGING + WHITE LED STRIP

## DMX DECODERS

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

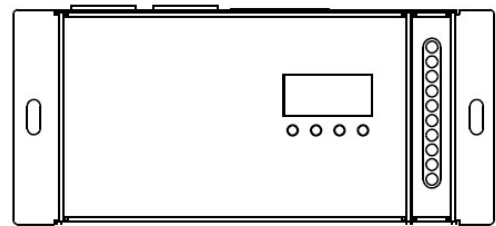
INPUT VOLTAGE 12V-24V DC  
OUTPUT CURRENT 8A X 4CH  
OUTPUT WATTAGE 4 x (96W ~ 288W)  
OUTPUT CHANNELS 4  
DIMENSIONS LxWxH (7"x1.77"x0.75")



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### 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")



# LSP-50 RGBW

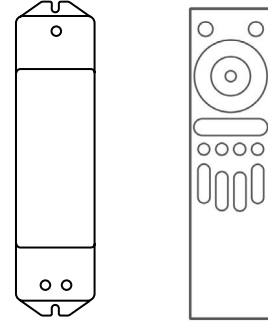
## 4.4W INDOOR COLOR CHANGING + WHITE LED STRIP

### NON-DMX 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.



\* RGB-CT500-RX  
(Sold Separately)

#### RGB-CT550-RX

RGBW WIRELESS RECEIVER / CONTROLLER SYSTEM

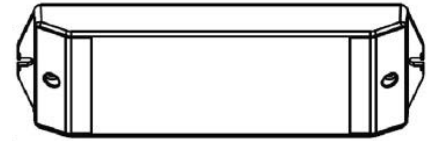
INPUT VOLTAGE	DC5V ~ DC24V
POWER CAPACITY	100W (5V)   240W (12V)   480W (24V)
OUTPUT CURRENT	5A per Channel (20A Total)
WORKING TEMP	-30°C~55°C (-22°F~131°F)
DIMENSIONS	LxWxH (6.89"x1.73"x1.18")

\* RGB-CT500-RX (Sold Separately)

#### RGB-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")

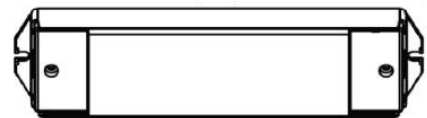


\* Paired with RGB-CT705ZR (Sold Separately)

#### 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)

# LSP-50 RGBW

## 4.4W INDOOR COLOR CHANGING + WHITE LED STRIP

### NON-DMX CONTROLLERS (CONTINUED)

#### 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)*



#### 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-CT840 (Sold Separately)*



### NON-DIMMING DRIVERS (COMPATIBLE WITH ALL SYSTEMS)

#### 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"

