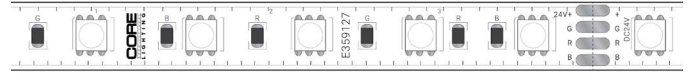


# LSP-50 RGB

## 4.4W INDOOR COLOR-CHANGING LED STRIP

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

**LSP-50 RGB** is a color-changing flexible LED strip that provides a full spectrum of color options using red, green and blue LED technology. The countless color mixing possibilities make RGB LEDs a diverse choice for even the most discerning in lighting solutions and applications. It can be easily installed onto most surfaces with double sided mounting tapes.



### SPECIFICATIONS

INPUT VOLTAGE	12V   24V DC
POWER CONSUMPTION	4.4W/ Ft.
LUMEN OUTPUT	165 Lm/Ft.
COLOR TEMPERATURE	RGB
DIMMING	Through RGB Controller
MAXIMUM RUN LENGTH	20 Ft. (12V)   30 Ft. (24V)
CUTTABLE	Every 2in (50.1mm) (12V) Every 4in (101.6mm) (24V)
OPERATING TEMPERATURE	41°F (5°C) to 158°F (70°C)
AMBIENT TEMPERATURE	4°F (-20°C) to 108°F (40°C)
BEAM ANGLE	120°
IP RATING	IP54 (Indoor)
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- Full range RGB
- Designed for easy installation
- Indoor (Dry Location) Rated
- 20 Ft. (12V) | 30 Ft. (24V) Max Run
- Field Cuttable
- Superior Color Rendering Index (CRI)
- 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	RGB RGB Color-Changing	16 16 Ft.	12 12V	See Page 2 for compatible profiles.
		100 100 Ft.	24 24V DC	
		*1 Per Ft.		

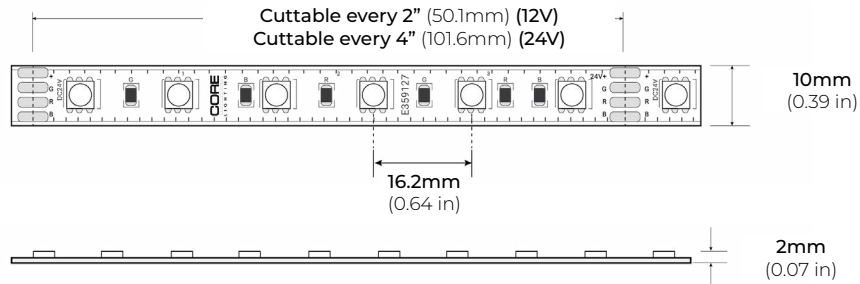
\*1 = Custom length per FT.  
(12V Strip cuttable every 2")  
(24V Strip cuttable every 4")

\*Custom color finishes require powder coating. Allow 7 days leads time.

# LSP-50 RGB

## 4.4W INDOOR COLOR-CHANGING LED STRIP

### DIMENSIONS

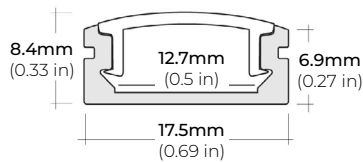


### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

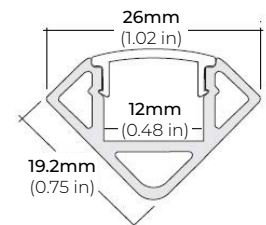
##### ALU-SF

LENGTHS 39" | 78" | 84" | 98"  
LENS Clear, Frosted  
FINISH Black | Silver



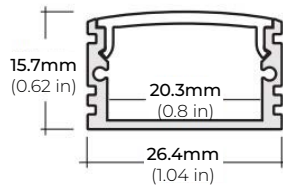
##### ALU-CN (CORNER)

LENGTHS 39" | 78" | 84" | 96"  
LENS Clear, Frosted  
FINISH Black | Silver



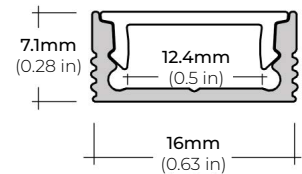
##### ALU-DS100

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



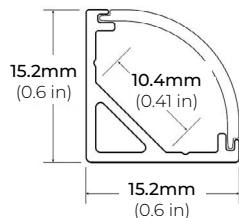
##### ALP-20

LENGTHS 49.25" | 84" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



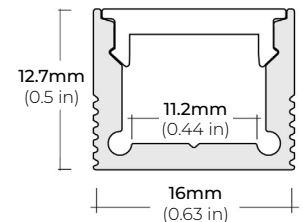
##### ALP-50C-V2 (CORNER)

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



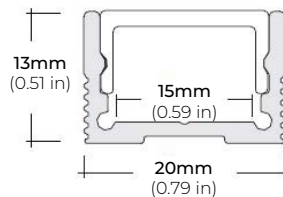
##### ALP-60

LENGTHS 49.25" | 84" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



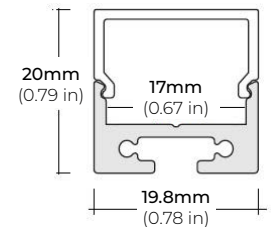
##### ALP-70

LENGTHS 49.25" | 84" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



##### ALP-80

LENGTHS 49.25" | 98.5"  
LENS Frosted  
FINISH Silver

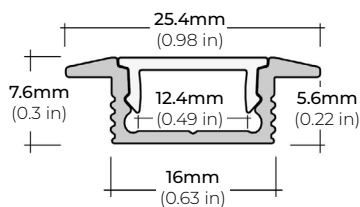


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESSED PROFILES

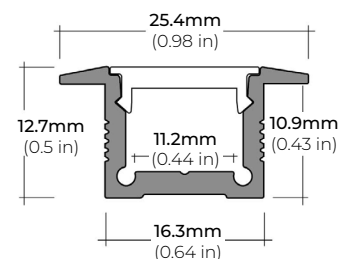
##### ALP-20R

LENGTHS 49.25" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



##### ALP-60R

LENGTHS 49.25" | 84" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



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

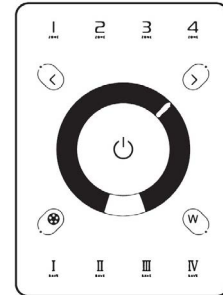
# LSP-50 RGB

## 4.4W INDOOR COLOR-CHANGING LED STRIP

### DMX CONTROLLERS

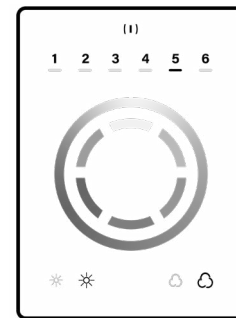
**RGB CT600**  
MULTI-FUNCTION RGBW WALL CONTROLLER

**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")



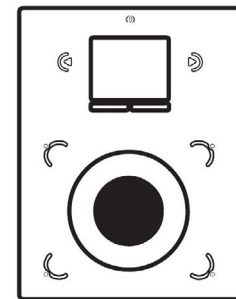
**RGB-SCW4**  
WiFi DMX WALL CONTROLLER

**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  
**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 RGB

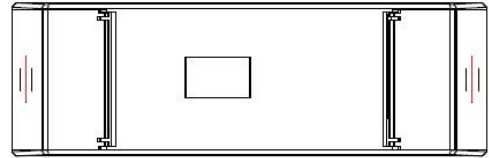
## 4.4W INDOOR COLOR-CHANGING LED STRIP

### DMX DECODERS

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

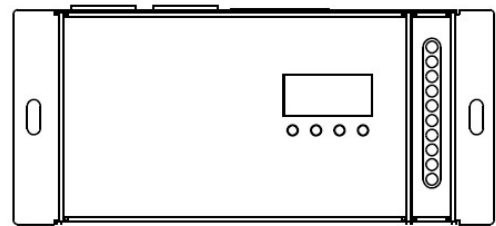
INPUT VOLTAGE 12V-24V DC  
OUTPUT CURRENT 8A X 4CH  
OUTPUT WATTAGE 4 x (96W ~ 288W)  
OUTPUT CHANNELS 4  
DIMENSIONS LxWxH (6.5"x2.38"x1.27")



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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 RGB

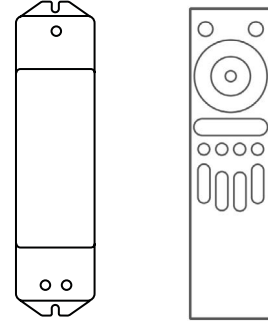
## 4.4W INDOOR COLOR-CHANGING LED STRIP

### 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

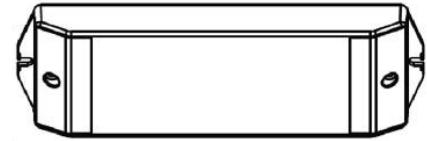
INPUT VOLTAGE	DC5V ~ DC24V
POWER CAPACITY	100W (5V)   240W (12V)   480W (24V)
OUTPUT CURRENT	5A per Channel (20A Total)
WORKING TEMP	-30°C~55°C (-22°F~131°F)
DIMENSIONS	LxWxH (6.89"x1.73"x1.18")

\* 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")

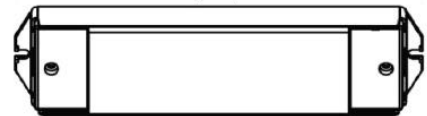


\* Paired with RGB-CT705ZR (Sold Separately)

#### 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 RGB

## 4.4W INDOOR COLOR-CHANGING 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"

