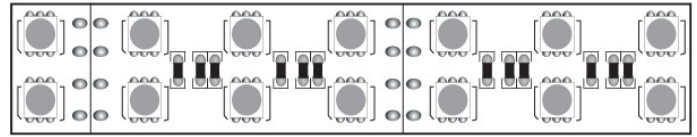


# LSP-80 RGB

## 8.8W INDOOR COLOR-CHANGING LED STRIP

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

**LSP-80 RGB** is an indoor rated color-changing LED strip that provides a full spectrum of color changing schemes. The LEDs' combined 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	8.8W/FT
LEDS/ FT.	36 LEDS per Ft.
LUMEN OUTPUT	720 Lm/ Ft.
COLOR TEMPERATURE	RGB
DIMMING	Through RGB Controller
MAXIMUM RUN LENGTH	20 Ft.
CUTTABLE	Every 1.95 in. (49.5mm)
BINNING	1.5-Step MacAdam Elipse
OPERATING TEMPERATURE	-40°F (-40°C) to +140°F (+60°C)
BEAM ANGLE	120°
IP RATING	IP45 dry location (indoor)
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- 8.8W/Ft.
- 720 Lumens per Ft.
- Two rows of high-output diodes
- 20 Feet Maximum Run Length
- Field Cuttable
- Ideal for color changing accent lighting
- UL Listed

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



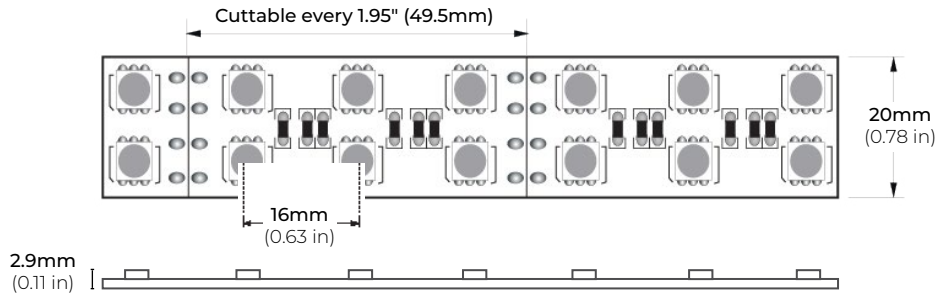
MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSP80	RGB RGB	16 16 Ft.	24 24V DC	See Page 2 for compatible profiles.
		32 32 Ft.		
		XX Per Ft.		

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

# LSP-80 RGB

## 8.8W INDOOR COLOR-CHANGING LED STRIP

### DIMENSIONS

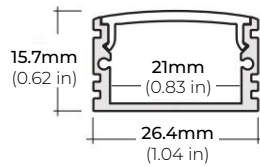


### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

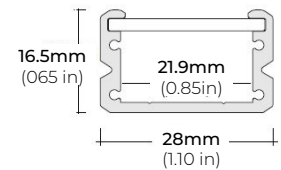
##### ALU-DS100

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



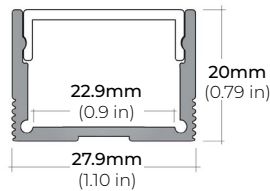
##### ALP-90

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Silver



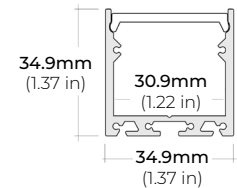
##### ALP-130

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



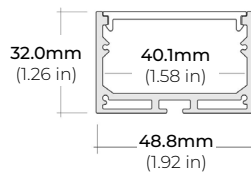
##### ALP-140

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



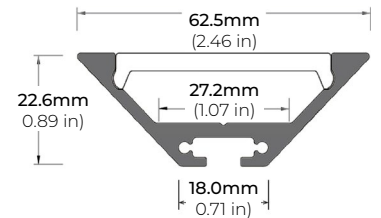
##### ALP-160

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



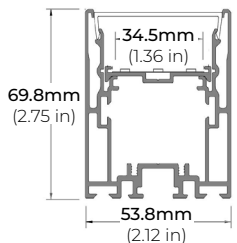
##### ALP-190

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



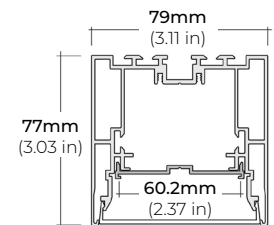
##### ALP-230N

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



##### ALP-310N

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver

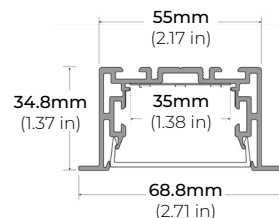


\* For more compatible profiles, visit [corelightingusa.com](http://corelightingusa.com)

#### RECESSED PROFILES

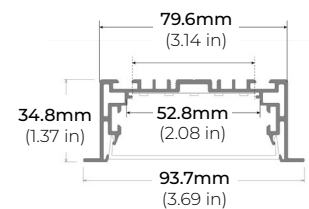
##### ALP-230RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



##### ALP-330RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



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

# LSP-80 RGB

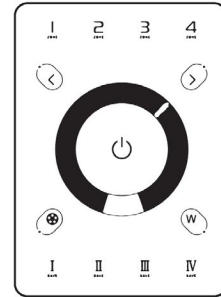
## 8.8W INDOOR COLOR-CHANGING LED STRIP

### DMX CONTROLLERS

#### RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

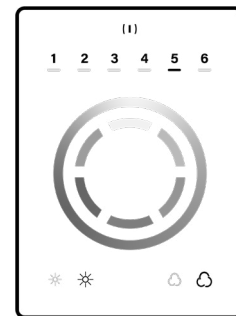
**INPUT VOLTAGE** 5V DC, 1A  
**OUTPUT SIGNAL** RF 2.4GHZ + DMX512  
**CONTROL** 4 ZONES  
**COLOR OPTIONS** Black/ White  
**WORKING TEMP** -20°C ~ 40°C  
**DIMENSIONS** LxWxH (5.19"x7.08"x1.38")



#### RGB-SCW4

WiFi DMX WALL CONTROLLER

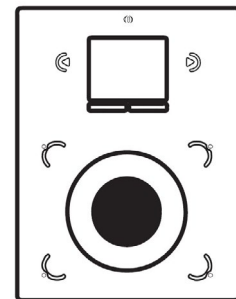
**INPUT VOLTAGE** 5 - 10V DC, 06A  
**OUTPUT SIGNAL** DMX512 (x2)  
**PROGRAMMABILITY** PC/ MAC  
**COLOR OPTIONS** Black/ White  
**CONNECTIONS** USB/ 8dry contact ports/ Open drain output (for relay)  
**MEMORY** Built-In Flash  
**WORKING TEMP** -10°C ~ 45°C  
**DIMENSIONS** LxWxH (5.75"x4.17"x0.43")



#### 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-80 RGB

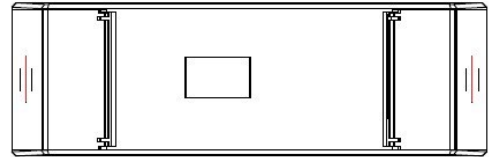
## 8.8W INDOOR COLOR-CHANGING LED STRIP

### DMX DECODERS

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

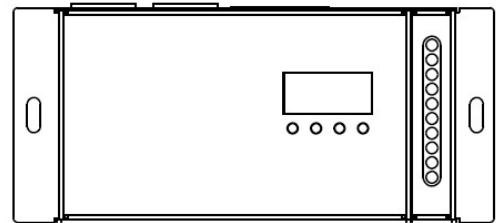
INPUT VOLTAGE 12V-24V DC  
OUTPUT CURRENT 8A X 4CH  
OUTPUT WATTAGE 4 x (96W ~ 288W)  
OUTPUT CHANNELS 4  
DIMENSIONS LxWxH (7"x1.77"x0.75")



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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-80 RGB

## 8.8W INDOOR COLOR-CHANGING LED STRIP

### NON-DMX CONTROLLERS

#### RGB-CT550

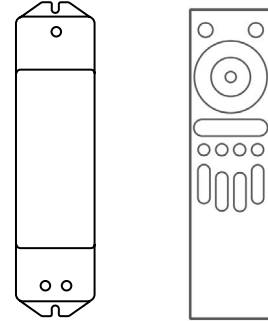
RGBW WIRELESS RECEIVER / CONTROLLER SYSTEM

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

#### RGB-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")



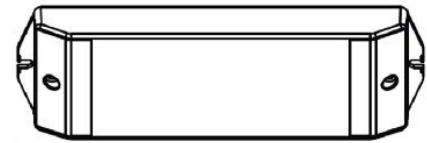
\* RGB-CT550-RX  
(Sold Separately)

\* RGB-CT550-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")

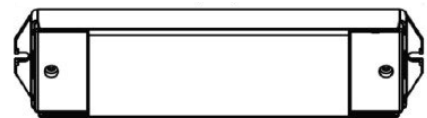


\* Paired with RGB-CT705ZR (Sold Separately)

#### 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-80 RGB

## 8.8W 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"

