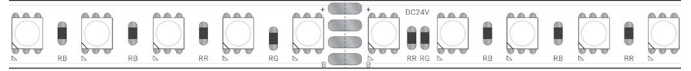


# LSP-58X RGB

## 5.8W INDOOR COLOR-CHANGING LED STRIP

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

**LSP-58X RGB** 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 and retail lighting applications.



### SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	5.8W/ Ft.
LUMEN OUTPUT	218 Lm/Ft.
NO. OF LEDS	36 LEDs perFt.
CRI	90+
COLOR TEMPERATURE	RGB
DIMMING	Through RGB Controller
MAXIMUM RUN LENGTH	12 Ft.
CUTTABLE	Every 2in
OPERATING TEMPERATURE	-40°F (-40°C) to 140°F (60°C)
AMBIENT TEMPERATURE	-40°F (-40 °C) to 140°F (60°C)
BEAM ANGLE	120°
IP RATING	Indoor
CERTIFICATIONS	UL Listed, California TITLE 24 JA8
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- 5.8W/ Ft.
- 218 Lumens
- 90+ CRI
- Field Cuttable
- Suitable for accent or ambient lighting
- Indoor Rated
- Superior Color Rendering Index (CRI)
- California TITLE 24 JA8 compliant
- UL Listed

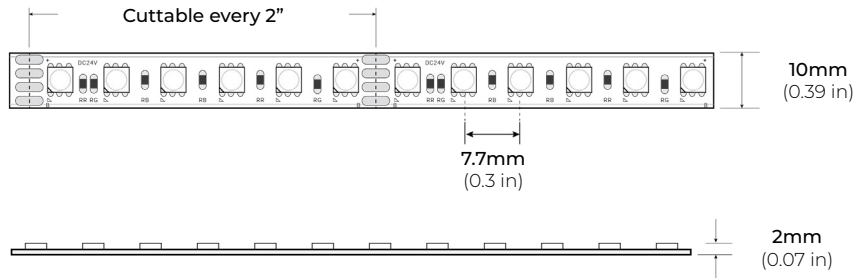


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSP58X	RGB RGB Color-Changing	16 16 Ft.	24 24V DC	See Page 2 for compatible profiles.
		100 100 Ft.		
		*1PF Per Ft.		
		*1 = Custom length per FT.		*Custom color finishes require powder coating. Allow 7 days leads time.

# LSP-58X RGB

## 5.8W INDOOR COLOR-CHANGING LED STRIP

### DIMENSIONS

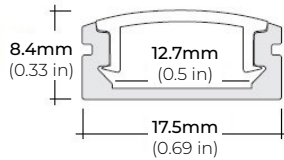


### COMPATIBLE ALUMINUM PROFILES

#### SURFACE PROFILES

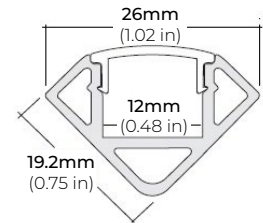
##### ALU-SF

LENGTHS 39.4" | 78.9" | 84" | 98"  
LENS Clear, Frosted  
FINISH Black | Silver



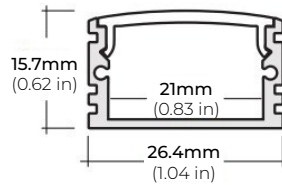
##### ALU-CN (CORNER)

LENGTHS 39.4" | 78.9" | 84" | 98"  
LENS Clear, Frosted  
FINISH Black | Silver



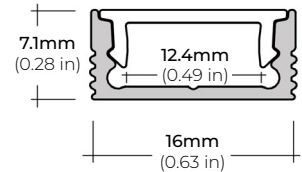
##### ALU-DS100

LENGTHS 39.4" | 78.9" | 84"  
LENS Clear, Frosted  
FINISH Silver



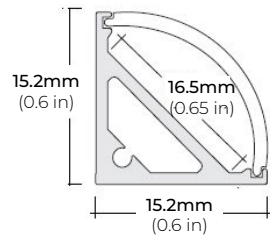
##### ALP-20

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



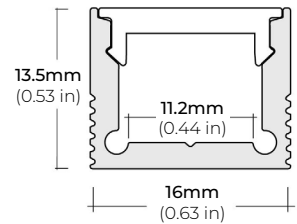
##### ALP-50C (CORNER)

LENGTHS 49" | 84" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



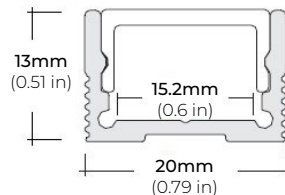
##### ALP-60

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



##### ALP-70

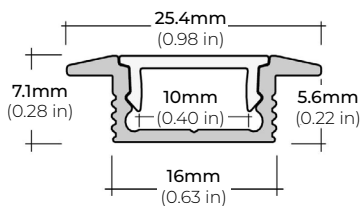
LENGTHS 49.25" | 84" | 98.5"  
LENS Frosted  
FINISH White | Black | Silver



#### RECESED PROFILES

##### ALP-20R

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



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

# LSP-58X RGB

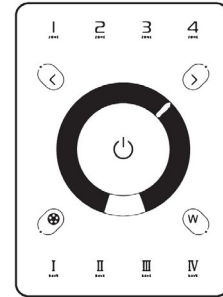
## 5.8W INDOOR COLOR-CHANGING LED STRIP

### CONTROLLERS

#### RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

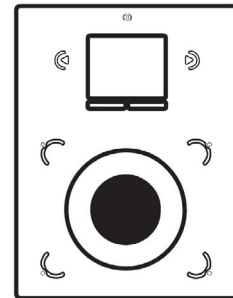
**INPUT VOLTAGE** 5V DC, 1A  
**OUTPUT SIGNAL** RF 2.4GHZ + DMX512  
**CONTROL** 4 ZONES  
**WORKING TEMP** -20°C ~ 40°C  
**DIMENSIONS** LxWxH (5.19"x7.08"x1.38")



#### RGB-SDE3

MULTI-FUNCTION RGBW WALL CONTROLLER

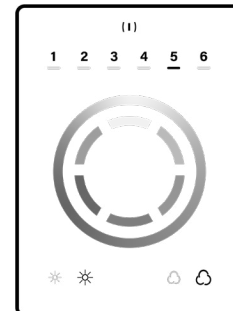
**INPUT VOLTAGE** 6V DC, 0.6A  
**OUTPUT SIGNAL** DMX512 (x2)  
**PROGRAMMABILITY** PC/ MAC/ Tablet/ Smartphone  
**COLOR** Black/ White  
**CONNECTIONS** USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay  
**MEMORY** MicroSD Card  
**WORKING TEMP** -20°C ~ 40°C  
**DIMENSIONS** LxWxH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



#### RGB-SCW4

WiFi DMX WALL CONTROLLER

**INPUT VOLTAGE** 5 - 10V DC, 0.6A  
**OUTPUT SIGNAL** DMX512 (x2)  
**PROGRAMMABILITY** PC/ MAC  
**COLOR** 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")



# LSP-58X RGB

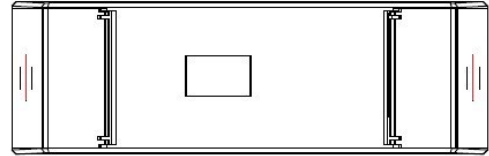
## 5.8W INDOOR COLOR-CHANGING LED STRIP

### COMPATIBLE DMX DRIVERS

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

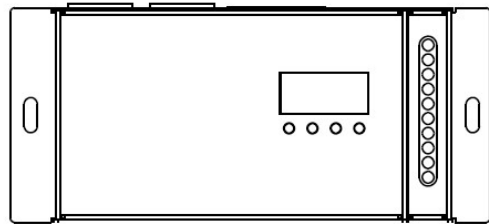
INPUT	12V-24V DC
OUTPUT CURRENT	8A X 4CH
OUTPUT POWER	240W(12V), 720W(24V)
OUTPUT CHANNELS	3 or 4 Selectable
DIMENSIONS	LxWxH (7"x1.77"x0.75")



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#### RGB-DMX-5C-XLR 5-CHANNEL DMX DECODER

INPUT	12V-24V-36V DC
OUTPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 5CH
OUTPUT WATTAGE	5 x (96W ~ 192W)
DIMENSIONS	LxWxH (6.45"x2.87"x1.5")



### COMPATIBLE NON-DIMMING DRIVERS

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#### 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"

