

# LSP-80 RGB+W

## 8.8W INDOOR COLOR CHANGING + WHITE LED STRIP

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

**LSP-80 RGBW** is an indoor rated color-changing plus white LED strip that provides a full spectrum of color changing schemes. The warm or cool 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, hospitality and architectural lighting applications.



### SPECIFICATIONS

INPUT VOLTAGE	24V DC
POWER CONSUMPTION	8.8W <i>(4.4W—38Lm/W RGB   4.4W—86Lm/W White)</i>
LEDS/ FT.	36 LEDS per Ft.
LUMEN OUTPUT	475 Lm/ Ft. (RGB+3000K)
CRI	90+
COLOR TEMPERATURE	RGB+27K/ RGB+30K/ RGB+40K RGB+50K
DIMMING	Through RGBW Controller
MAXIMUM RUN LENGTH	20 FT.
CUTTABLE	Every 3.94 in (100mm)
OPERATING TEMPERATURE	-40°F (-40°C) to 140°F (60°C)
BEAM ANGLE	120°
IP RATING	Indoor
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- 8.8W/Ft.
- 145 Lm. (RGB) | 330 Lm. (White)
- 90+ CRI (White)
- Two rows of high-output diodes
- Field Cuttable
- Ideal for color changing accent lighting
- Dimmable with RGBW controllers
- UL Listed



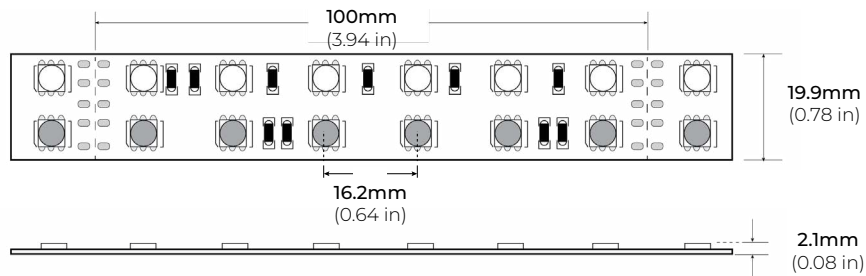
MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSP-80	<b>RGBW27K</b> RGB + 2700K	<b>16</b> 16 Ft.	<b>24</b> 24V DC	See Pages 2-3 for compatible profiles.
	<b>RGBW30K</b> RGB + 3000K	<b>100</b> 100 Ft.		
	<b>RGBW40K</b> RGB + 4000K	<b>PF</b> Per Ft.		
	<b>RGBW50K</b> RGB + 5000K			

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

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## DIMENSIONS

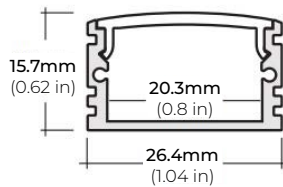


## COMPATIBLE ALUMINUM PROFILES

### SURFACE PROFILES

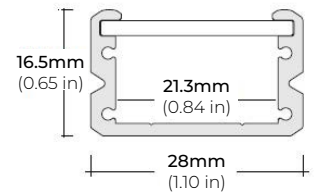
#### ALU-DS100

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



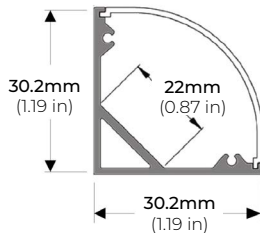
#### ALP-90

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Silver



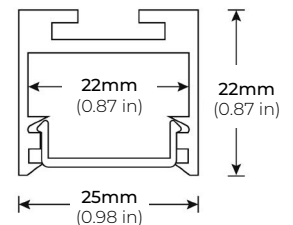
#### ALP-100C

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



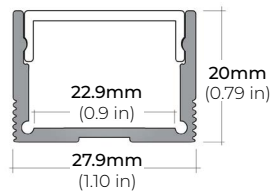
#### ALP-102

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



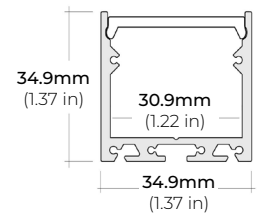
#### ALP-130

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



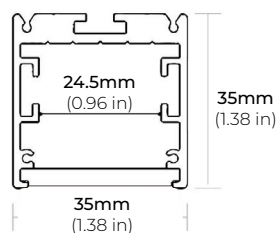
#### ALP-140

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



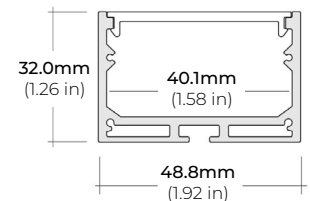
#### ALP-150LX

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



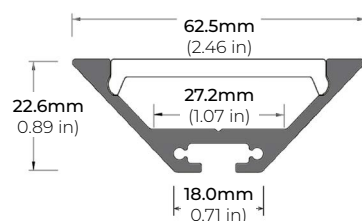
#### ALP-160

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



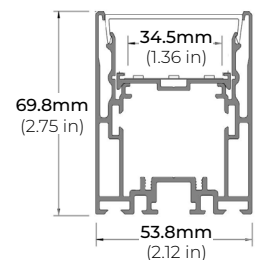
#### ALP-190

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Silver



#### ALP-230N

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



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

# LSP-80 RGB+W

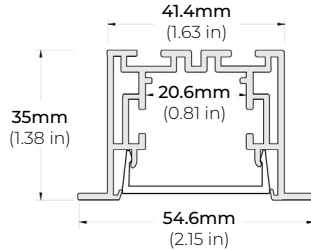
## 8.8W INDOOR COLOR CHANGING + WHITE LED STRIP

### COMPATIBLE ALUMINUM PROFILES

#### RECESSED PROFILES

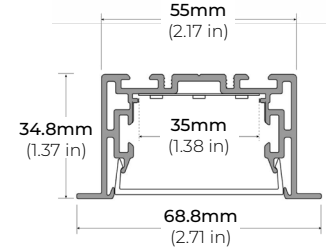
##### ALP-210RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



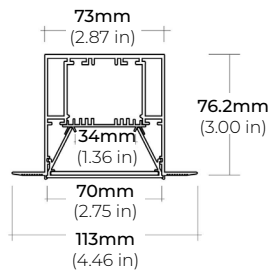
##### ALP-230RN

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Silver



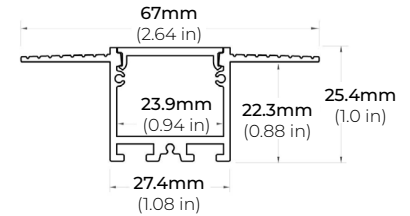
##### ALP-350TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Anodized Silver



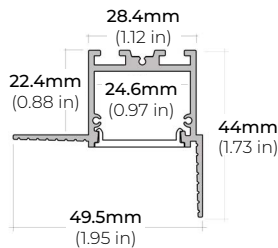
##### ALP-2300TL

LENGTHS 48" | 98"  
LENS Frosted  
FINISH Matte White



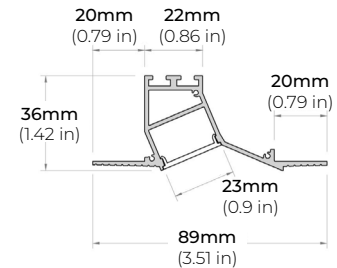
##### ALP-2400TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Matte White



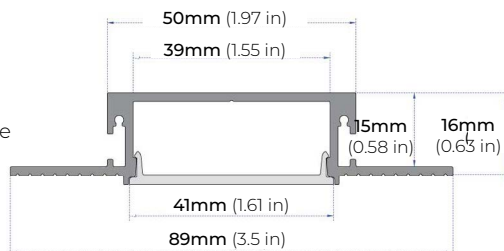
##### ALP-2700TL

LENGTHS 48" | 96"  
LENS Frosted  
FINISH Matte White



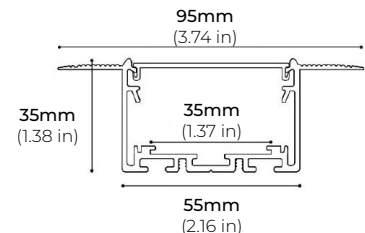
##### ALP-2800TL

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Matte White



##### ALP-3100TLX

LENGTHS 49" | 98"  
LENS Frosted  
FINISH Matte White



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

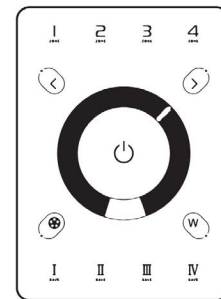
# LSP-80 RGB+W

## 8.8W INDOOR COLOR CHANGING + WHITE LED STRIP

### DMX CONTROLLERS

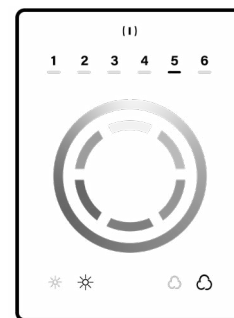
**RGB CT600**  
MULTI-FUNCTION RGBW WALL CONTROLLER

**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")



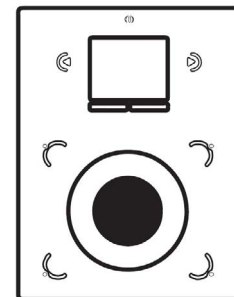
**RGB-SCW4**  
WiFi DMX WALL CONTROLLER

**INPUT VOLTAGE** 5 - 10V DC, 0.6A  
**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

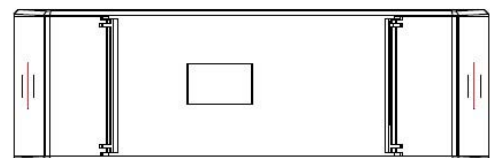
**INPUT VOLTAGE** 6V DC, 0.6A  
**OUTPUT SIGNAL** DMX512 (x2)  
**PROGRAMMABILITY** PC/ MAC/ Tablet/ Smartphone  
**COLOR OPTIONS** Black/ White  
**CONNECTIONS** USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay  
**MEMORY** MicroSD Card  
**WORKING TEMP** -20°C ~ 40°C  
**DIMENSIONS**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



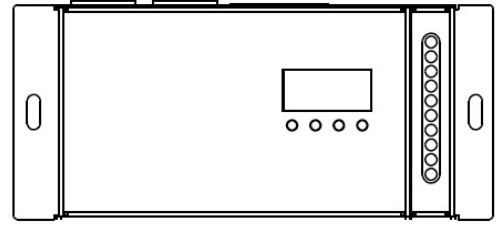
# LSP-80 RGB+W

## 8.8W INDOOR COLOR CHANGING + WHITE 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")



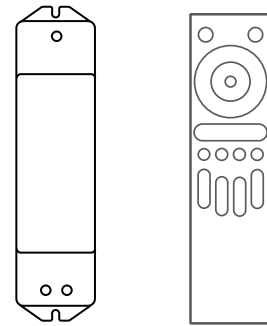
### BASIC CONTROLLERS

#### 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)



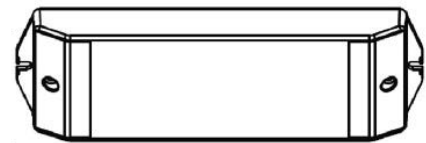
\* RGB-CT500-RX  
(Sold Separately)

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#### 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)



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#### 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+W

## 8.8W INDOOR COLOR CHANGING + WHITE 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 (6.9 x1.7 x 1.2")

*\* 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"

