

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. <i>(2.2W/Ft. — RGB 2.2W/Ft. — White)</i>
LEDS/ FT.	60 LEDs per Ft.
LUMEN OUTPUT	276 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
- 276 Lumens
- Full range RGB + White
- Field cuttable
- California TITLE 24 JA8 compliant
- UL Listed (US and Canada)

LUMENS

CCT	RGB (LM/FT)	WHITE (LM/FT)	RGBW (LM/FT)
2700K	56	219	275
3000K	56	220	276
5000K	56	235	291

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

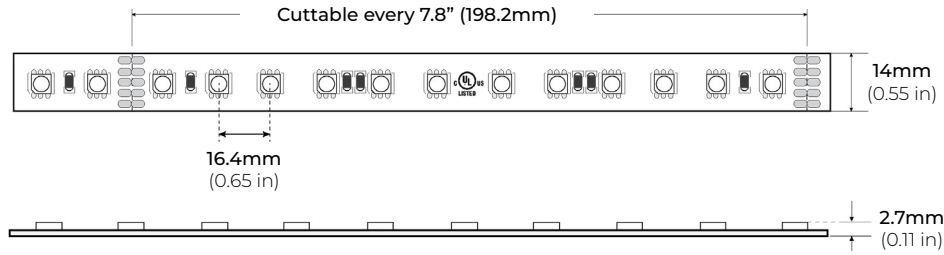


MODEL	COLOR TEMP	LENGTH	VOLTAGE	PROFILE
LSP50	RGBW27K RGB + 2700K	16 16.4 Ft.	24 24V DC	See Page 2 for compatible profiles.
	RGBW30K RGB + 3000K	100 100 Ft.		
	RGBW50K RGB + 5000K	XX Per Ft.		

LSP-50 RGBW

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DIMENSIONS

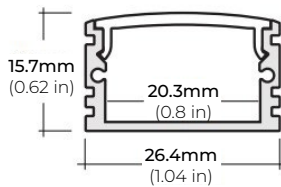


COMPATIBLE ALUMINUM PROFILES

SURFACE PROFILES

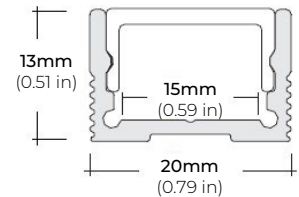
ALU-DS100

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



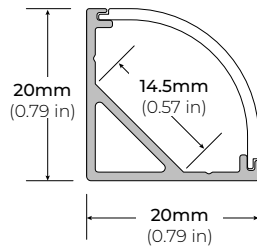
ALP-70

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



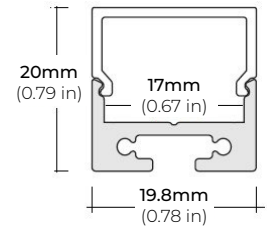
ALP-75C (CORNER)

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



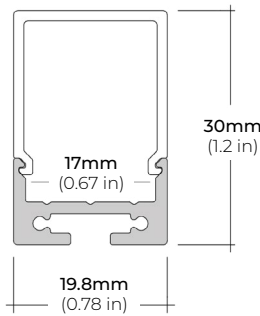
ALP-80

LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



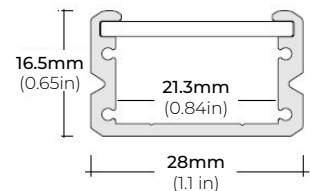
ALP-85

LENGTH 48" | 98"
LENS Frosted
FINISH Silver



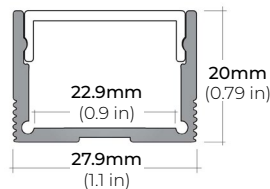
ALP-90

LENGTHS 48" | 96"
LENS Frosted
FINISH Black | Silver



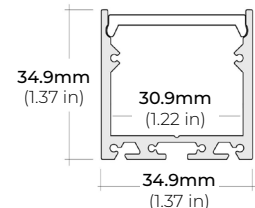
ALP-130

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



ALP-140

LENGTHS 48" | 98"
LENS Frosted
FINISH Silver

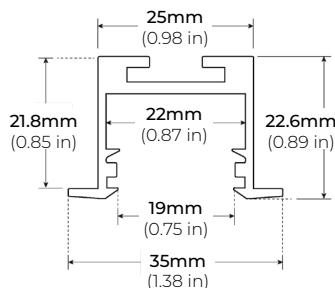


* For more compatible profiles, visit corelightingusa.com

RECESSED PROFILES

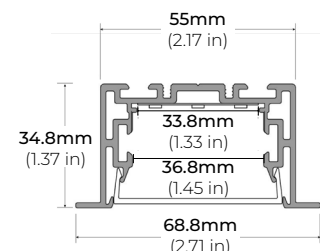
ALP-102R

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

LSP-50 RGBW

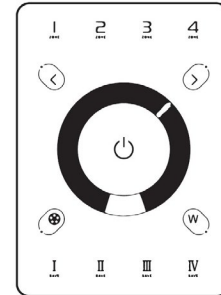
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DMX CONTROLLERS

RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

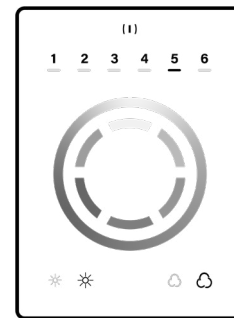
INPUT VOLTAGE 5V DC, 1A
OUTPUT SIGNAL RF 2.4GHZ + DMX512
CONTROL 4 ZONES
COLOR OPTIONS Black/ White
WORKING TEMP -20°C ~ 40°C
DIMENSIONS LxWxH (5.19"x7.08"x1.38")



RGB-SCW4

WiFi DMX WALL CONTROLLER

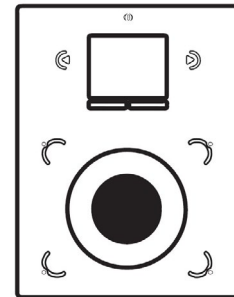
INPUT VOLTAGE 5 - 10V DC, 06A
OUTPUT SIGNAL DMX512 (x2)
PROGRAMMABILITY PC/ MAC
COLOR OPTIONS Black/ White
CONNECTIONS USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY Built-In Flash
WORKING TEMP -10°C ~ 45°C
DIMENSIONS LxWxH (5.75"x4.17"x0.43")



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")



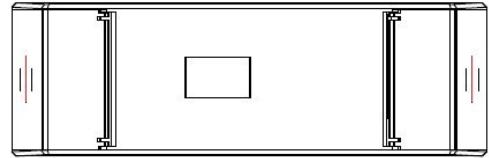
LSP-50 RGBW

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DMX DECODERS

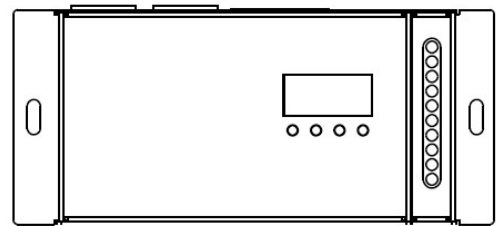
RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

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")



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

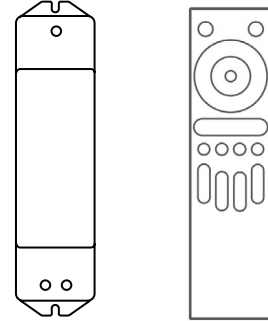
4.4W INDOOR COLOR CHANGING + WHITE LED STRIP

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

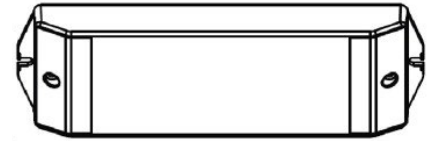
INPUT VOLTAGE	DC5V ~ DC24V
POWER CAPACITY	100W (5V) 240W (12V) 480W (24V)
OUTPUT CURRENT	5A per Channel (20A Total)
WORKING TEMP	-30°C~55°C (-22°F~131°F)
DIMENSIONS	LxWxH (6.89"x1.73"x1.18")

* 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")

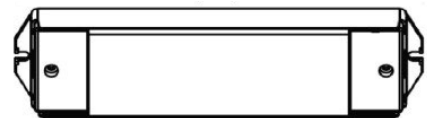


* Paired with RGB-CT705ZR (Sold Separately)

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"

