

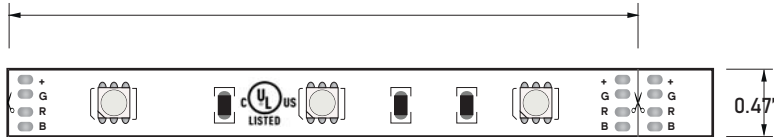
LSP50RGB

4.4W Indoor Color-Changing LED Strip

CORE
ARCHITECTURAL
LIGHTING

JOB NAME: _____
LOCATION: _____
QUOTE/REF#: _____

CUTTABLE EVERY 2" (12V)
CUTTABLE EVERY 4" (24V)



LSP50RGB 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 and 24V DC
IP RATING	IP54 Indoor rated
CCT	RGB
CRI	90+
WATTAGE	4.4W/FT
LUMENS	165Lm/FT
MAX RUN	20FT (12V) 30FT (24V)
CUTTING	every 2" (12V) every 4" (24V)
DIMMING	Through RGB Controller
BEAM ANGLE	120°
OPERATING TEMP	5°C (41°F) to 70°C (158°F)
AMBIENT TEMP	-20°C (4°F) to 40°C (108°F)
RATING	UL listed, Dry location
LUMEN MAINTENANCE	50,000 Hrs.



FEATURES

- Full range RGB
- Designed for easy installation
- Indoor (dry) location rated
- UP to 30 FT continuous run (24V)
- UP to 20 FT continuous run (12V)
- California TITLE 24 JA8 compliant
- Field cuttable
- Suitable for accent or ambient lighting
- Superior Color Rendering Index
- Architectural Grade Lighting

RGBW COLOR SPECTRUM



LSP50RGB

4.4W Indoor Color-Changing LED Strip



STANDARD ORDERING CODE

Model	Color Temperature	Length	Voltage	Profile
LSP-50	RGB RGB Color-changing	16 16.4 Ft. 100 100 Ft. 1XX per Ft.	12 12 Volts 24 24 Volts	² See p3 for options

NOTE:

- 1 =

Custom length per Ft.
Cuttable every 2" (12V)
Cuttable every 4" (24V)
- 2 =

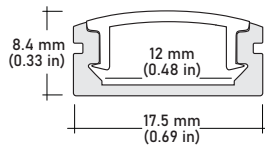
Custom color finishes require
powder coating. Allow 7 days
lead time.

LSP50RGB

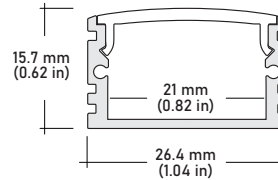
4.4W Indoor Color-Changing LED Strip

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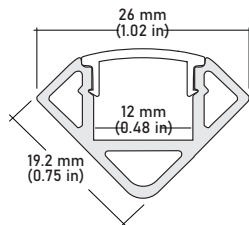
COMPATIBLE ALUMINUM PROFILES



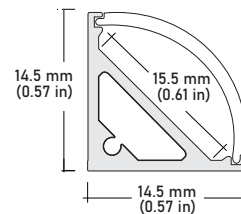
ALU-SF Surface
LENGTHS 39^{3/8}" | 78^{7/8}" | 98"
LENS Clear, Frosted
FINISH Silver | Black



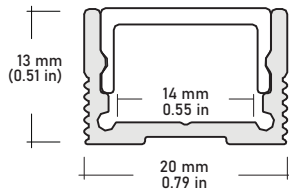
ALU-DS100 Surface Wide
LENGTHS 39^{3/8}" | 78^{7/8}" | 96"
LENS Clear, Frosted
FINISH Silver



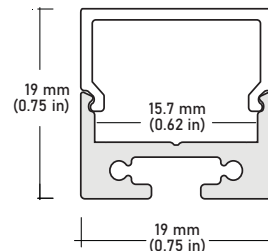
ALU-CN Surface, Corner
LENGTHS 39^{3/8}" | 78^{7/8}" | 96"
LENS Clear, Frosted
FINISH Silver | Black



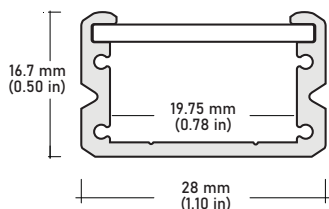
ALP-50C Surface, Corner
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH White | Black | Silver



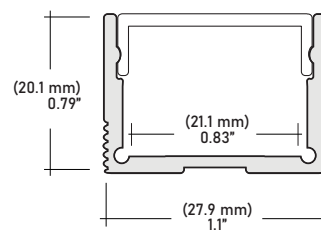
ALP-70 Surface
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH White | Black | Silver



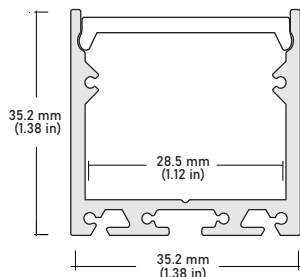
ALP-80 Surface, Suspended
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



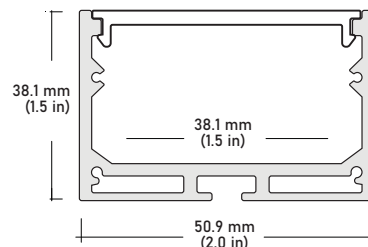
ALP-90 Surface
LENGTHS 48" | 96"
LENS Frosted
FINISH Silver



ALP-130 Surface, Suspended
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



ALP-140 Surface, Suspended
LENGTHS 49.25" | 98.5"
LENS Frosted
FINISH Silver



ALP-160 Surface, Suspended
LENGTHS 48" | 98"
LENS Frosted
FINISH Silver

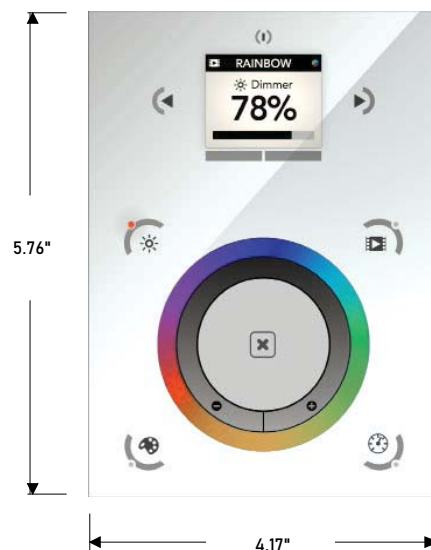
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COMPATIBLE WALL CONTROLLERS

RGB-SDE3	INPUT POWER	6V DC 0.6A
	OUTPUT SIGNAL	DMX512 (x2)
	PROGRAMMABILITY	PC, MAC, Tablet, Smartphone
	AVAILABLE COLORS	Black / White
	CONNECTIONS	USB, Ethernet, RS232, Clock, 8 dry contact ports, 5V output relay
	MEMORY	microSD card
	WORKING TEMP	-10°C ~ 45°C
	MOUNTING	Single or double gang wall socket
	WEIGHT (gross)	247g



RGB-SCW4	INPUT POWER	5-10V DC 0.6A
	OUTPUT PROTOCOL	DMX512 (X2)
	PROGRAMMABILITY	PC / MAC
	AVAILABLE COLORS	Black / White
	CONNECTIONS	USB, 8 dry contact ports Open drain output (for relay)
	MEMORY	Built-in flash
	TEMPERATURE	-10°C ~ 45°C
	MOUNTING	Single or double gang socket
	DIMENSIONS	LxWxH (146mm x 106mm x 11mm)
	WEIGHT	200g
	STANDARDS	EC / EMC / ROHS



LSP50RGB

4.4W Indoor Color-Changing LED Strip

COMPATIBLE DMX RECEIVERS

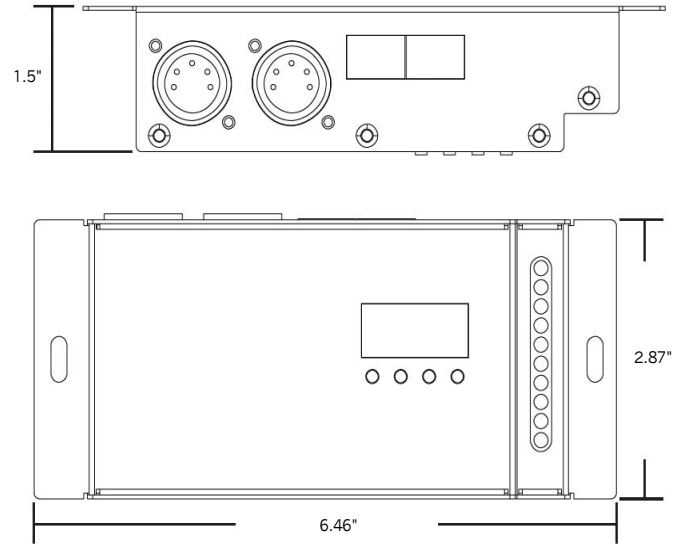
RGB-DMX5C-XLR

INPUT

12V-24V-36V DC

OUTPUT CURRENT

8A X 5CH



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COMPATIBLE NON-DIMMING TRANSFORMERS

PSHW SERIES 24V	CLASS 2		L X W X H
	PSHW-10W-24V	YES	2.55" X 1.37" X .90"
	PSHW-20W-24V	YES	4.64" X 1.38" X 1.2"
	PSHW-35W-24V	YES	5.83" X 1.57" X 1.18"
	PSHW-60W-24V	YES	6.38" X 1.65" X 1.18"
	PSHW-100W-24V	NO	7.44" X 2.4" X 1.45"
	PSHW-150W-24V	NO	8.75" X 2.68" X 1.53"
	PSHW-200W-24V	NO	9.62" X 2.68" X 1.53"
	PSHW-300W-24V	NO	9.92" X 3.55" X 1.75"



PSHK SERIES	CLASS 2		L X W X H
	PSHK-30W-24V-UNV	YES	6.5" X 3.6" X 1.02"
	PSHK-60W-24V-UNV	YES	7.4" X 3.6" X 1.02"
	PSHK-96W-24V-UNV	YES	8.66" X 3.6" X 1.61"
	PSHK-150W-24V-UNV	YES	10.24" X 4.06" X 1.81"
	PSHK-200W-24V-UNV	NO	10.24" X 4.06" X 1.81"
	PSHK-300W-24V-UNV	NO	10.94" X 4.25" X 1.81"

