

LSPW-20RGB 2.2W Outdoor Color-Changing Indoor LED Strip

CORE
LIGHTING

SPECIFICATION SHEET

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



LSPW20RGB 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 critical in lighting solutions and applications. It can be easily installed onto most surfaces with its double sided mounting tapes.

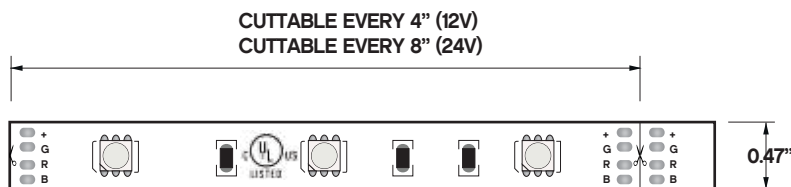
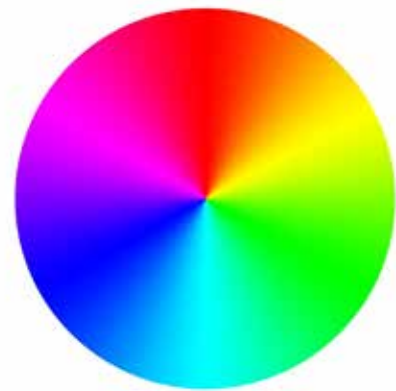
FEATURES

- Superior Color Rendering Index (CRI)
- Multiple CCT options available
- Up to 30 ft. of continuous linear light
- Architectural grade LED lighting
- Suitable for accent or ambient lighting

SPECIFICATIONS

INPUT VOLTAGE	12V and 24V DC constant voltage
POWER CONSUMPTION	2.2W per ft.
LUMEN OUTPUT	82 Lumens per ft.
NO. OF LEDs	9 LEDs per ft.
BEAM ANGLE	120°
CRI	90°
DIMMING	Through RGB controller
MAXIMUM RUN LENGTH	(12V) 20 ft. (24V) 30 ft.
FIELD CUTTABLE	(12V) every 4" (24V) every 8"
IP RATING	IP65 (outdoor/wet)
LUMEN MAINTENANCE	50,000 Hrs
CERTIFICATIONS	UL Listed, TITLE 24
DIMENSIONS	Width x Depth: 0.47" x 0.15"

RGB COLOR SPECTRUM

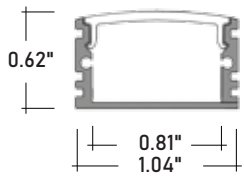


ORDERING GUIDE

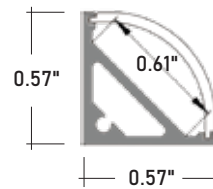
MODEL	MODEL	LENGTH	VOLTAGE
LSPW - Outdoor	20GRB	16 - 16.4 FT. 32 - 32 FT. PF - PER FT. (12")	12 - 12V DC 24 - 24V DC

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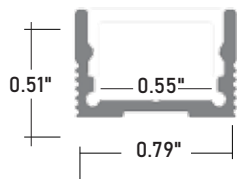
COMPATIBLE ALUMINUM PROFILES



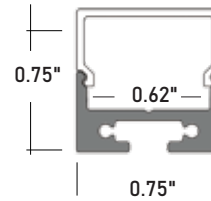
ALU-DS100 **SURFACE MOUNT**
LENGTHS 39^{3/8"} 78
LENS Clear and Frosted
FINISH Anodized Aluminum



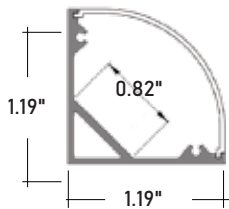
ALP-50C **SURFACE / CORNER**
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH Anodized Aluminum



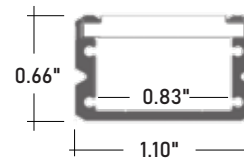
ALP-70 **SURFACE MOUNT**
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH Anodized Aluminum



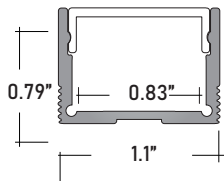
ALP-80 **SURFACE / SUSPENDED**
LENGTHS 49.25" , 98.5"
LENS Frosted
FINISH Anodized Aluminum



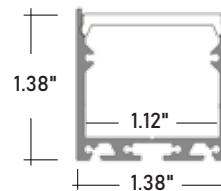
ALP-100C **SURFACE / CORNER**
LENGTHS 49.25" and 98.5"
LENS Frosted
FINISH Anodized Aluminum



ALP-90 **SURFACE MOUNT**
LENGTHS 48" and 96"
LENS Frosted
FINISH Anodized Aluminum



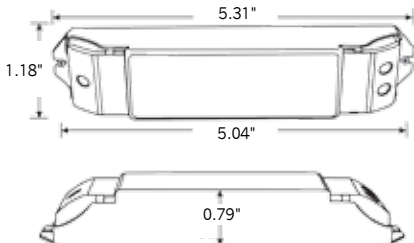
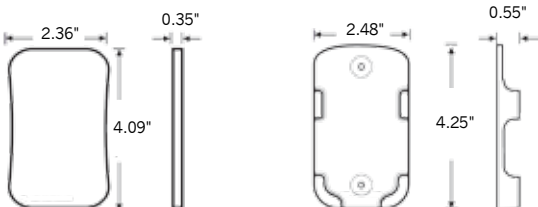
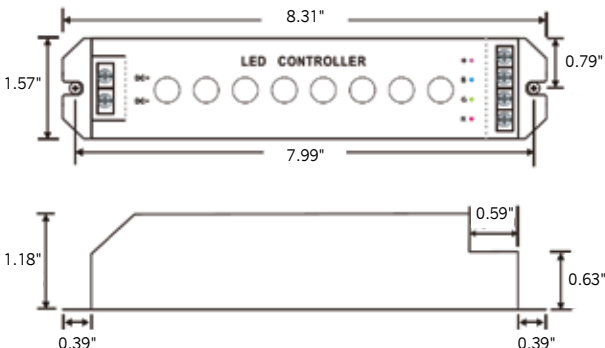
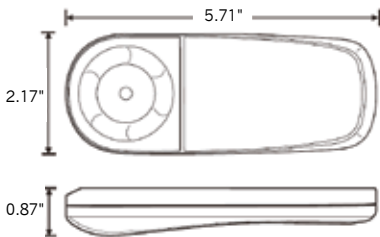
ALP-130 **SURFACE / SUSPENDED**
LENGTHS 49.25" and 98.5"
LENS Frosted
FINISH Anodized Aluminum



ALP-140 **SURFACE / SUSPENDED**
LENGTHS 49.25" and 98.5"
LENS Frosted
FINISH Anodized Aluminum

LSPW-20RGB 2.2W Outdoor Color-Changing Indoor LED Strip

COMPATIBLE RGB CONTROLLERS

TOUCH SERIES				
RGB-CT330	RECEIVING CONTROLLER		RECEIVER 	
	INPUT	12V - 24V DC		
	MAX OUTPUT CURRENT	3A X 3CH		
	MAX OUTPUT POWER	108W(12V), 216W (24V)		
	WORKING TEMP	-30°C ~ 55°C		
	WEIGHT (gross)	135g		
	HANDHELD REMOTE			HANDHELD REMOTE REMOTE CRADLE 
	INPUT VOLTAGE	3V (CR2032 battery)		
	WORKING FREQUENCY	433.92MHz		
	REMOTE DISTANCE	90ft.		
WORKING TEMP	-30°C ~ 55°C			
WEIGHT (gross)	42g			
RGB-CT400	RECEIVING CONTROLLER			
	INPUT	12V - 24V DC		
	MAX OUTPUT CURRENT	5A X 3CH, 15A Max		
	MAX OUTPUT POWER	180W(12V), 360W (24V)		
	CONTROL BUTTON	8 touch button		
	WORKING TEMP	-30°C ~ 55°C		
	WEIGHT (gross)	180g		
	HANDHELD REMOTE			 HANDHELD REMOTE
	INPUT VOLTAGE	5V DC (Built-in Lithium battery)		
	WORKING CURRENT	<30mA		
WORKING FREQUENCY	2.4GHz			
REMOTE DISTANCE	90ft.			
CHANGE MODE	32 modes			
WEIGHT (gross)	200g			

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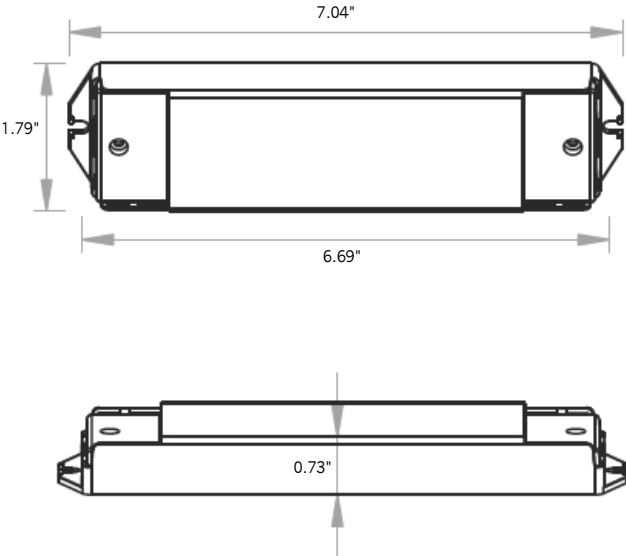
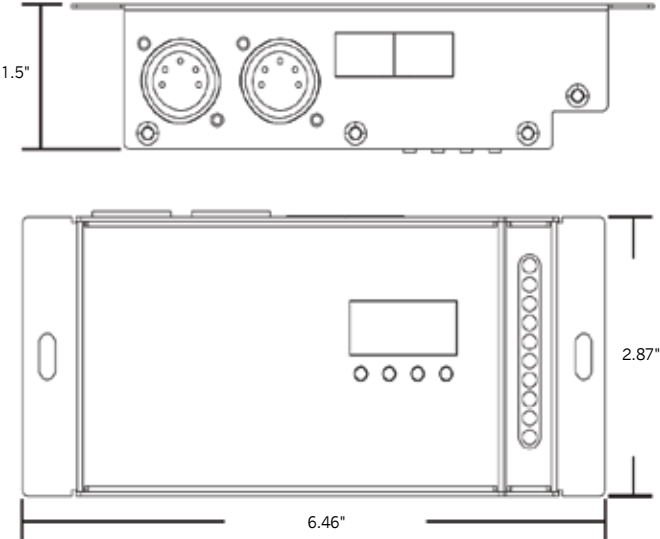
COMPATIBLE RGB CONTROLLERS

WALL CONTROLLERS																			
RGB-CT600 <table><tr><td>INPUT VOLTAGE</td><td>5V DC, 1A</td></tr><tr><td>OUTPUT SIGNAL</td><td>RF 2.4GHz + DMX512</td></tr><tr><td>CONTROL</td><td>4 ZONES</td></tr><tr><td>WORKING TEMP</td><td>-30°C ~ 55°C</td></tr><tr><td>WEIGHT (gross)</td><td>370g</td></tr></table>	INPUT VOLTAGE	5V DC, 1A	OUTPUT SIGNAL	RF 2.4GHz + DMX512	CONTROL	4 ZONES	WORKING TEMP	-30°C ~ 55°C	WEIGHT (gross)	370g									
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CONTROL	4 ZONES																		
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WEIGHT (gross)	370g																		
RGB-SDE3 <table><tr><td>INPUT POWER</td><td>6V DC 0.6A</td></tr><tr><td>OUTPUT SIGNAL</td><td>DMX512 (x2)</td></tr><tr><td>PROGRAMMABILITY</td><td>PC, MAC, Tablet, Smartphone</td></tr><tr><td>AVAILABLE COLORS</td><td>Black / White</td></tr><tr><td>CONNECTIONS</td><td>USB, Ethernet, RS232, Clock, 8dry contact ports, 5V output relay</td></tr><tr><td>MEMORY</td><td>microSD card</td></tr><tr><td>WORKING TEMP</td><td>-10°C ~ 45°C</td></tr><tr><td>MOUNTING</td><td>Single or double gang wall socket</td></tr><tr><td>WEIGHT (gross)</td><td>247g</td></tr></table>	INPUT POWER	6V DC 0.6A	OUTPUT SIGNAL	DMX512 (x2)	PROGRAMMABILITY	PC, MAC, Tablet, Smartphone	AVAILABLE COLORS	Black / White	CONNECTIONS	USB, Ethernet, RS232, Clock, 8dry contact ports, 5V output relay	MEMORY	microSD card	WORKING TEMP	-10°C ~ 45°C	MOUNTING	Single or double gang wall socket	WEIGHT (gross)	247g	
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WEIGHT (gross)	247g																		

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COMPATIBLE RGB CONTROLLERS

DMX SERIES		
RGB-DMX4C	INPUT	12V - 24V DC
	OUTPUT CURRENT	8A X 4CH
	OUTPUT POWER	240W(12V), 720W (24V)
	OUTPUT CHANNELS	3 or 4 selectable
		
RGB-DMX5C-XLR	INPUT	12V-24V-36V DC
	OUTPUT CURRENT	8A X 5CH
		

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COMPATIBLE NON-DIMMING TRANSFORMERS

HARDWIRE CONSTANT VOLTAGE	
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		CLASS 2	L X W X H
PSHW SERIES 12V	PSHW-10W-12V	YES	2.55" X 1.37" X .90"
	PSHW-20W-12V	YES	4.64" X 1.38" X 1.2"
	PSHW-35W-12V	YES	5.83" X 1.57" X 1.18"
	PSHW-60W-12V	YES	6.38" X 1.65" X 1.18"
	PSHW-100W-12V	NO	7.44" X 2.4" X 1.45"
	PSHW-150W-12V	NO	8.75" X 2.68" X 1.53"
	PSHW-200W-12V	NO	9.62" X 2.68" X 1.53"
	PSHW-300W-12V	NO	9.92" X 3.55" X 1.75"

		CLASS 2	L X W X H
PSHW SERIES 24V	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"

