

VIVIDWAVE 4 IN 1 RGBW LED STRIP



The VividWave™ 4-in-1 RGBW LED Strip is a versatile linear lighting solution designed for applications requiring both dynamic color control and high-quality white light output. Utilizing 4-in-1 5050 SMD LEDs, this strip integrates red, green, blue, and warm white (2700K) within a single LED package, enabling smooth color mixing and consistent illumination.

Suitable for indoor, damp, and selected outdoor applications depending on configuration, VividWave™ is engineered for compatibility with RGBW control systems, providing flexible lighting options for architectural, retail, and display environments.

Key Features

- 4-in-1 5050 RGBW SMD LEDs for combined color and white output
- Integrated RGB + 2700K white channel for balanced color rendering
- 5-wire system for RGBW control integration
- Supports a full range of color mixing and programmable lighting effects
- Compatible with RGBW controllers and low-voltage control systems
- Flexible strip design for linear and contour installations

Includes

- **Outdoor version:** connectors on both ends, end caps, and mounting clips

Applications

Outdoor accent lighting | Back bar and hospitality lighting | Display and retail environments | Cove and architectural lighting

Installation

- **Indoor Version:** Supplied with double-sided 3M™ adhesive backing
- **Outdoor Version:** Designed for installation using mounting clips
- Aluminum LED profile installation recommended for improved thermal management and finish quality
- Requires compatible RGBW controller (5-channel output) for operation

Specifications

	Indoor	Outdoor
Voltage	24V DC	24V DC
Wattage	5.8W/ft (19.2W/M)	5.8W/ft (19.2W/M)
Lumen Output	Up to 360/ft (1175/M)	Up to 360/ft (1175/M)
Color Temp	RGBW color changing + 2700K	RGBW color changing + 2700K
Beam Angle	120°	120°
Dimmable	Yes, with RGBW controller	Yes, with RGBW controller
LED Density	18 LEDs/ft (60 LEDs/M)	18 LEDs/ft (60 LEDs/M)
Cut Increment	6 LEDs - 4" (100mm)	6 LEDs - 4" (100mm)
Roll Length	82ft (25M)	16.4ft (5M)
CRI	>85	>85
IP Rating	20	67
Operating Temp	-25~+60°C (-13~140°F)	-25~+60°C (-13~140°F)
Lifespan	+65,000 hours	+65,000 hours
Lead Wire Length	12" (30cm) wire lead on both ends	12" (30cm) wire lead on both ends
Warranty	5-year	5-year



Indoor

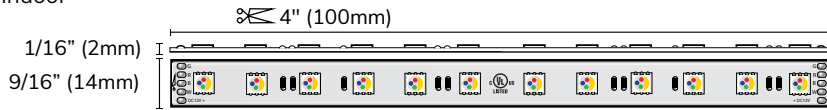


Outdoor

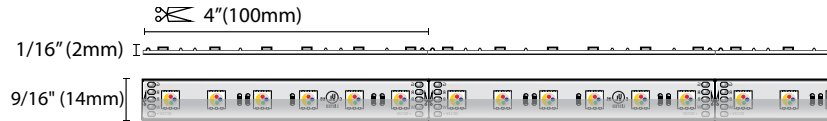


Dimensions



Indoor



Outdoor








Ordering Codes

	Product	Chip & Length	Voltage	LEDs/M	Color Temperature
Indoor 	LS - <input type="text" value="FLI"/> FLI : Indoor	<input type="text" value="7D"/> 7 : RGBW D : 82' (25M)	<input type="text" value="24"/> 24 : 24 volt	<input type="text" value="60"/> 60 : 60 LEDs	<input type="text" value="RGBW"/> RGBW : Multi-color + 2700K
Outdoor 	LS - <input type="text" value="FLO"/> FLO : Outdoor	<input type="text" value="7B"/> 7 : RGBW B : 5M (16.4')	<input type="text" value="24"/> 24 : 24 volt	<input type="text" value="60"/> 60 : 60 LEDs	<input type="text" value="RGBW"/> RGBW : Multi-color + 2700K

*Outdoor option only available on custom order

Solderless Connectors & Accessories

Solderless connectors are designed to provide a simple and quick connection for projects. Suitable for indoor/outdoor applications.

Image	Code	Product	Description
	LS-RGBW-SC1	Seamless Connector	5 wire. Width: 5/8" (16mm). Application: Add length.
	LS-RGBW-SC2	Power Feed	5 wire. Width: 5/8" (16mm). Applications: Cut strip to power.
	LS-RGBW-SC3	Jumper	5 wire. Width: 5/8" (16mm). Applications: Corners.
	LS-EC-16MM	End Caps	Included with Weatherproof version. For RGB Outdoor Flexible LED Strip. Width: 3/8" (16mm). 5 pieces/bag.
	LS-UC-16MM	Mounting Clips	Included with Weatherproof version. U-Clips for Single Color Outdoor Flexible LED Strip. Width: 3/8" (16mm). 20 pieces/bag, includes screws.


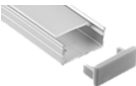
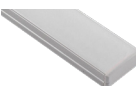
Note: If using solderless connectors on outdoor flexible strip the connection points must be properly sealed to prevent moisture entry. Heat shrink tubes and/or silicone is recommended. If not sealed properly, premature failure is possible.

RGBW Controls

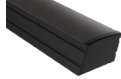
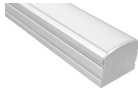


Image	Product	Code	Description	Functions	Dimensions
	RGBW Handheld Remote	LS-RGBW-MZR	Controls RGBW LED Lights, 868Mhz	Multi-zone (4), 3 Presets, Dimming, Fade/Flash/Jump, Custom colors	L4 ^{3/4} x W2 ^{3/16} x H1 ^{1/16} " (L120 x W55 x H17mm)
	RGBW Wall Mount Remote	LS-RGBW-MZWMR	Controls RGB or RGBW LED Lights, 12-24V DC Input, 2.5-5W, 868 MHz Fits single gang box. Includes 6W driver, 50ft wireless range.	3 Presets, Dimming, Fade/Flash, Custom colors, includes 10 pre-loaded programs	L4 ^{3/4} x W2 ^{15/16} x H1 ^{1/8} " (L120 x W75 x H29mm)
	Smartlife Control	LS-RCV-SMZ8A-TY	Receiver for RF remotes (RGB / RGBW / CCT / SC) Wifi Capable with free control app	12-24V / 36V / 48V 5 x 8A/Ch / 5 x 6A/Ch / 5 x 4A/Ch 5x96W / 5x192W / 5x216W 15M (50') Remote Range	L6 ^{11/16} x W2 ^{5/16} x 1 ^{1/8} " (L170 x W59 x H29mm)
	Outdoor MZ LED Receiver	LS-RCV-O-MZ5A	Receiver for RF Remotes (RGB/RGBW). Wifi Capable. Outdoor rated for harsh environments	12-36V DC 4 x 5A/Channel 4x(60-180W) Output Power 15M (50') Remote Range	L7 ^{7/8} x W2 ^{15/16} x H1 ^{1/2} " (L180.5 x W74 x H38mm)
	Casambi 4 Channel PWM Controller	LS-CBU-PWM4	Control up to 250 fixtures with intelligent mesh network and customizable user interface. Multiple networks can be set up with same control system	12-24V DC 48W - 96W 4A Output Power Surface Mountable Includes Downloadable Smart Device App	L2 ^{7/8} x W1 ^{3/16} x H1 ^{1/16} " (L72.6 x W30 x H18mm)
	Digital DMX512 Decoder	LS-DMX-DIG-DCR	Converts DMX signal for use with low voltage RGB & RGBW LED lights.	Total 5 PWM output channels, common anode. DMX channel quantity from 1CH-5CH settable.	L6 ^{7/16} x W2 ^{7/8} x H1 ^{1/2} " (L164 x W73 x H38mm)

Aluminum LED Profiles








Each aluminum profile can be combined with it's respective LED flexible strip to create a customized look for various applications.

Image	Code	Product	Description	Specs
	LS-LL28-1	1M LL28 Channel	Large Corner Mount. 1M (40") length.	W1 ^{1/8} " (W30mm). All connectors compatible.
	LS-LL12-L1	1M LL12 Channel	Slim Modern. 1M (40") or 2M (80") lengths.	W23/32 x H5/16" (W18 x H8mm). All connectors compatible.
	LS-LL12-L2	2M LL12 Channel		
	LS-LL13-L1	1M LL13 Channel	Wide Slim. 1M (40") or 2M (80") lengths.	W29/32 x H3/8" (W23 x H10mm). All connectors compatible.
	LS-LL13-L2	2M LL13 Channel		



Aluminum LED Profiles

Image	Code	Product	Description	Specs
	LS-LL18-L1-BK	1M LL18 Channel	Black, Recessed or Surface Mount. 1M (40") length.	W3/4 x H1/2" (W19 x H12mm). Production lead or solder required.
	LS-LL18-L2.5	2.5M LL18 Channel	Aluminum, Recessed or Surface Mount. 2.5M (8ft) length.	W3/4 x H1/2" (W19 x H12mm). Production lead or solder required.
	LS-LL61-L1	1M LL61 Channel	2" Large Surface. 1M (40") length.	W2" (W50mm). All connectors compatible.
	LS-LL23-DW-L3	3M LL23 Drywall Channel	Mud In. 3M (9.8') length.	W1 ⁹ / ₆₄ x H35/64" (W29 x H14mm). All connectors compatible.

Power Supplies

Non-Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-30W-O-CV	24V	Max. 30W	√	Non Dim with plug
	LS-24V-60W-O-CV		Max. 60W	√	Non Dim with plug
	LS-24V-96W-O-CV		Max. 96W	√	Non Dim with plug
	LS-24V-150W-O-CV		Max. 150W	x	Non Dim with plug
	LS-24V-240W-O-CV		Max. 240W	x	Non Dim, with leads for hard-wire.
	LS-24V-320W-O-CV		Max. 320W	x	Non Dim, with leads for hard-wire.
	LS-24V-30W-JB-O-CV		Max. 30W	√	Boxed Hardwire Power Supply

Power Supplies

Non-Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-60W-JB-O-CV	24V	Max. 60W	√	Boxed Hardwire Power Supply
	LS-24V-96W-JB-O-CV		Max. 96W	√	Boxed Hardwire Power Supply