

3528 OUTDOOR XBRITE LED STRIP



For outdoor applications, the outdoor 3528 LED strip is fully housed in outdoor rated silicone jacket with roll lengths up to 10M (32.8').

Features

- Highest quality 3528 SMD LEDs
- Fully outdoor rated silicone jacket
- Simple to install
- Maximum Length: 5M (12V) and 10M (24V)
- Excellent color output, CRI +90
- 492 lumens per meter (145/ft)
- Cuttable every 50mm (12V) and 100mm (24V)
- Includes extra waterproof connectors (male and female, for each end), end caps and mounting clips
- Dimmable

Applications

Deck | Soffit | Outdoor | Mood

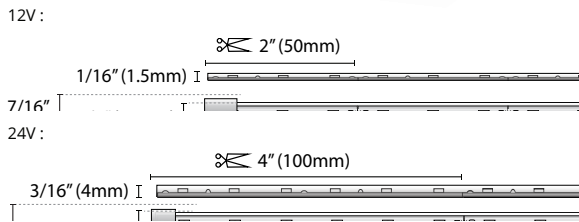
Installation

Mounting Clips

Specifications

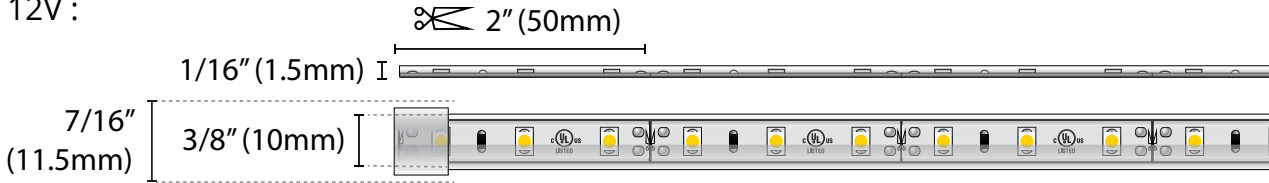
Voltage	12V DC	24V DC*
Wattage	1.5W/ft (4.8W/M)	1.5W/ft (4.8W/M)
Lumen Output	145/ft (492/M)	145/ft (492/M)
Color Temp	3000K / 5000K	2700K / 3000K
# of LEDs	18 LEDs/ft (60 LEDs/M)	18 LEDs/ft (60 LEDs/M)
Roll Length	16.4' (5M)	32.8' (10M)*
Cut Distance	3 LEDs - 2" (50mm)	6 LEDs - 4" (100mm)
CRI	>90	>90
Lifespan	+65,000 hours	+65,000 hours
Beam Angle	120°	120°
Working Temp	-25~+60°C (-13~140°F)	-25~+60°C (-13~140°F)
IP Rating	65	65
Dimmable	Yes	Yes
Wire Length	12" (30cm) WPC-2 connector on both ends	12" (30cm) WPC-2 connector on both ends
Warranty	5-year	5-year

*24V only stocked in 32.8' (10M) lengths

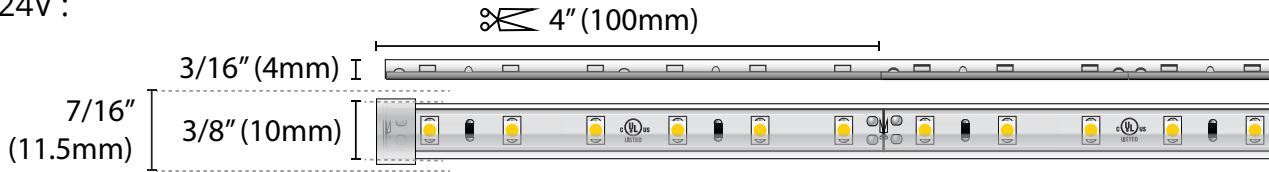


Dimensions

12V :



24V :



Ordering Codes





	Product	Chip & Length	Voltage	LEDs/M	Color Temperature
12V Version	LS - <input type="text" value="FLO"/> FLO : Outdoor	<input type="text" value="1B"/> 1 : 3528 B : 5M (16.4')	<input type="text" value="12"/> 12 : 12 volt	<input type="text" value="60"/> 60 : 60 LEDs	<input type="text" value="3K"/> 3K : 3000K 5K : 5000K
24V Version	LS - <input type="text" value="FLO"/> FLO : Outdoor	<input type="text" value="1C"/> 1 : 3528 C : 10M (32.8')	<input type="text" value="24"/> 24 : 24 volt	<input type="text" value="60"/> 60 : 60 LEDs	<input type="text" value="3K"/> 27K : 2700K 3K : 3000K

Accessories

Image	Code	Product	Description
	LS-WPC-2	Waterproof Connector	Included. 2 wire, male and female connector, soldering required. L8 x W19/32" (L203 x 15mm). Applications: For corners or to add length.
	LS-WPC-2-6	6' Waterproof Wire Lead	6' waterproof wire lead (Solder on connectors)
	LS-EC-8MM	End Caps	Included. For Single Color Outdoor 3528 Flexible LED Strip. Width: 5/16" (8mm). 5 pieces/bag.
	LS-UC-8MM	Mounting Clips	Included. U-Clips for Single Color Outdoor Flexible LED Strip. Width: 25/64" (10mm). 20 pieces/bag, includes screws.

Solderless Connectors


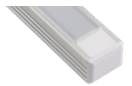
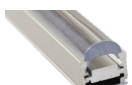




Solderless connectors are designed to provide a simple and quick connection for projects. Suitable for indoor and outdoor applications.

Image	Code	Product	Description
	LS-SC1-3528	Seamless Connector	2 wire. Width: 1/2" (13mm). Application: Add length.
	LS-SC2-3528	Connector on one End	2 wire. Width: 1/2" (13mm). Applications: Cut strip to power.
	LS-SC3-3528	Connector on both Ends	2 wire. Width: 1/2" (13mm). Applications: For corners.
	LS-SC4-3528	L-Connector	2 wire. Width: 1/2" (13mm). Applications: For corners.

Note: If using solderless connects 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.

Aluminum Channels

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-LL8-L1	1M LL8 Channel	Corner Mount. 1M (40") or 2M (80") lengths.	W5/8" (W16mm). All connectors compatible.
	LS-LL8-L2	2M LL8 Channel		
	LS-LL9-L1	1M LL9 Channel	Square Modern. 1M (40") or 2M (80") lengths.	W5/8 x H1/2" (W16 x H12mm). Production lead or solder required.
	LS-LL9-L2	2M LL9 Channel		
	LS-LL9D-L1	1M LL9D Channel	Light Degree Adjustable. 1M (40") length. Includes 10° standard lens.	W5/8 x H1/2" (W16 x H12mm). Production lead or solder required. 45°/60°/90° light output available with extra part (LS-LL9D-B-L1).
	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		
	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.
	LS-LL16-L1	1M LL16 Channel	Deep Recessed. 1M (40") length.	W45/64 x H19/32" (W18 x H15mm). Production lead or solder required.
	LS-LL22-L1	1M LL22 Channel	Heavy Duty Inground. 1M (40") or 2M (80") lengths.	W1 ¹ / ₃₂ " (W26mm). Production lead or solder required.
	LS-LL22-L2	2M LL22 Channel		

Power Supplies

Non-Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-12V-60W-O-CV	12V	Max. 60W	√	N/A
	LS-24V-60W-O-CV	24V			
	LS-24V-96W-O-CV	24V	Max. 96W	√	N/A
	LS-12V-150W-O-CV	12V	Max. 150W	x	N/A
Dimmable					
	LS-12V-60D-MLT-CV	12V	Max. 60W	√	Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM 5 in 1 dimming
	LS-24V-60D-MLT-CV	24V			
	LS-12V-96D-MLT-CV	12V	Max. 96W	√	Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM 5 in 1 dimming
	LS-24V-96D-MLT-CV	24V			