LUMENSTAR LED LIGHTING

Date: **Project:**

Notes:

OUTDOOR 3528 FLEXIBLE LED STRIP LIGHT



For outdoor applications, the outdoor 3528 LED strip is fully housed in outdoor rated silicone jacket with roll lengths up to 25M (82'). Can be paired with single color controllers and dimmer.

Features

- Fully outdoor rated silicone jacket
- Highest quality 3528 SMD LEDs
- Maximum Length: 5M (12V) and 10M (24V)
- 12V DC & 24V DC input options
- Excellent color output, CRI +90
- 492 lumens per meter
- Cuttable every 50mm (12V) and 100mm (24V)
- Includes extra waterproof connectors (male and female, for each end), end caps and mounting clips
- Dimmable with our dimmable low voltage power supplies

Applications

Deck | Soffit | Outdoor | Mood

Installation

Mounting clips

12V :



24V :

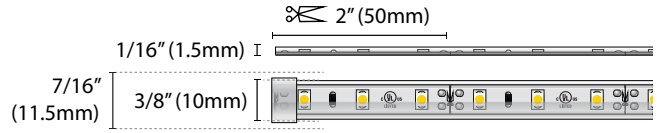


5 YEAR WARRANTY | DIMMABLE | IP67 | c UL us

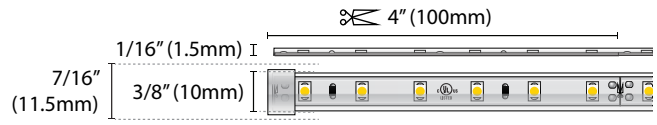
Voltage	12V DC	24V DC
Wattage	4.8W/M (1.5W/FT)	
Roll Length	5M (16.4')	10M (32.8')
Cut Distance	3 LEDs - 50mm (2")	6 LEDs - 100mm (4")
# of LEDs	60 LEDs/M (18 LEDs/FT)	
Color Temp	3000K / 5000K	2700K / 3000K
CRI	+90	
Lumens	492/M (145/FT)	
Beam Degree	120°	
Dimmable	Yes	
Lifespan	+65,000 hours	
Warranty	5-year	

Dimensions

12V version



24V version



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Ordering Codes

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

Solderless Connectors

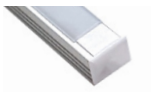
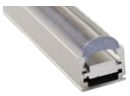
Solderless connectors are designed to provide a simple and quick connection for projects. Suitable for indoor and outdoor applications.

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.
	LS-WPC-2	Waterproof Connector	2 wire, male and female connector, sodering required. L8 x W5/8" (L203 x 16mm). Applications: For corners or to add length.

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.

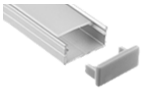
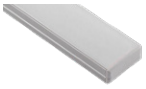
Aluminum Channels

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).

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More Aluminum Channels

Image	Code	Product	Description	Specs
	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-LL21-L1	1M LL21 Channel	Light Duty Inground. 1M (40") length.	W3/4 x H23/64" (W19 x H9mm). 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		

Accessories

Image	Code	Product	Description
	LS-EC-8MM	End Caps	**Included.** For Single Color Outdoor 35828 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.
	LS-WPC-2	Waterproof Connector	**Included.** 2 wire, male and female connector, sodering required. L8 x W19/32" (L203 x 15mm). Applications: For corners or to add length.

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