LUMENSTAR
LED LIGHTING

OUTDOOR RGB FLEXIBLE LED STRIP LIGHT

High output 5050 chips for outdoor locations with IP65 or IP67 protection.

Features

- Moisture proof and weatherproof versions
- Highest quality 5050 SMD LEDs
- 12V DC & 24V DC input
- 4 wire system, requires RGB remote
- Maximum Length: 10M (32.8')
- Cuttable every 100mm or 200mm
- Dimmable with all our RGB controllers. Cannot be used with dimmable power supplies
- Moisture Proof includes transparent silicone jacket and double-sided 3M tape
- Weatherproof includes connectors on both ends. end caps, and mounting clips

Applications

Cove | Mood | Display | Back Bar

Installation

Moisture proof : Double-sided 3M tape on the back
**Weatherproof** : Mounting clips

Moisture Proof

Outdoor

DIMMABLE c(UL)us

Voltage	12V DC	24V DC
Wattage	7.2W/M (2.2W/FT)	
Roll Length	5M (16.4') / 10M (32.8')	10M (32.8')
Cut Distance	3 LEDs - 100mm (4")	6 LEDs - 200mm (8")
# of LEDs	30 LEDs/M (3.28')	
Color Temp	RGB color changing	
CRI	>90	
Lumens	410/M (125/FT)	
Beam Degree	120°	
Dimmable	Yes	
Lifespan	+65,000 hours	
Warranty	5-year	

Dimensions

12V version

4" (100mm)
1/16" (2mm)
3/8" (10mm)

24V version

8" (200mm)
1/16" (2mm)
3/8" (10mm)
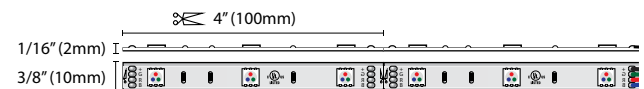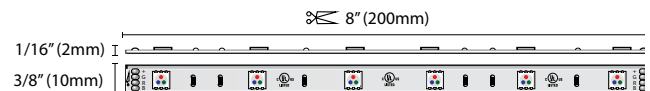
Ordering Codes

		Product		Chip & Length		Voltage		LEDs/M		Color Temperature
Moisture Proof	LS -	FLM	-	5B	-	12	-	30	-	RGB
		FLM : Moisture Proof		**5** : RGB **B** : 5M (16.5')		**12** : 12 volt		**30** : 30 LEDs		**RGB** : Multi-color

		Product		Chip & Length		Voltage		LEDs/M		Color Temperature
Outdoor	LS -	FLO	-	5C	-		-	30	-	RGB
		FLO : Outdoor		**5** : RGB **C** : 10M (32.8')		**12** : 12 volt		**30** : 30 LEDs		**RGB** : Multi-color
						24 : 24 volt				

Solderless Connectors

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

Image	Code	Product	Description
	LS-RGB-SC1	Seamless Connector	4 wire. Width: 5/8" (16mm). Application: Add length.
	LS-RGB-SC2	Connector on one End	4 wire. Width: 5/8" (16mm). Applications: Cut strip to power.
	LS-RGB-SC3	Connector on both Ends	4 wire. Width: 5/8" (16mm). Applications: Corners.
	LS-RGB-SC4	L-Connector	4 wire. Width: 5/8" (16mm). Applications: For corners.
	LS-WPC-4	RGB Waterproof Connector	4 wire, male and female connector, soder on. 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.

Accessories

Image	Code	Product	Description
	LS-EC-10MM	End Caps	For Single Color Outdoor Flexible LED Strip. Width: 3/8" (10mm). 5 pieces/bag.
	LS-UC-10MM	Mounting Clips	U-Clips for Single Color Outdoor Flexible LED Strip. Width: 3/8" (10mm). 20 pieces/bag, includes screws.
	LS-WPC-4	RGB Waterproof Connector	4 wire, male and female connector, soder on. L8 x W5/8" (L203 x 16mm). Applications: For corners or to add length.