



LBL-5050-2835-72P-24V-10MM-RGBTW-SPI-IP65

RGBTW LED Strip SPI 24V 33ft IP65

Project:

Location:

Qty:

Notes:

DESCRIPTION

SMT type RGBTW LED flexible strip 24V DC for WET locations SPI controlled.
33 ft long (10m), total of 40 pixel groups.

Each pixel group has 6 LED clusters of 3 LEDs - RGB, Warm and Cool White.
Wires on both ends allows multiple strips to be connected to one controller,
Up to 495 ft (150m) to one SPI controller (max 600 pixels).
Power supply needed every 33ft (10m).

Note: SPI controlled strips are directional. The wires on the end cannot be used to start a new piece, they can only be used to pass the control signal to the next strip. If you cut a piece of the 33 ft strip and want to use it, you need to solder wires or use our tape to wire connector.
Maximum 128 SPI controllers per network.

INSTALLATION INSTRUCTIONS

1. Remove backing plastic to reveal double adhesive tape.
2. Press LED tape firmly onto clean smooth surface that adsorbs heat, such as metal or glass. Start at one end and gradually move along surface, making sure tape is smooth and not creased.
3. Cuttable every 10" (25cm). Minimum Bending Radius 2"

SEALING CUTS REQUIREMENTS

Do not use acidic or ketoxime-based adhesives when sealing cuts.
Such adhesives can damage or corrode the strip surface.
Use only alcohol-based, neutral-cure sealant.
LED strips may be cut only at designated cut marks.

SETUP INSTRUCTIONS

[WIRING SPI CONTROLLER](#)

[CONNECTING TO PHONE APP](#)

[CHANGING PIXEL COUNT](#)

[RENAMING STRIP](#)

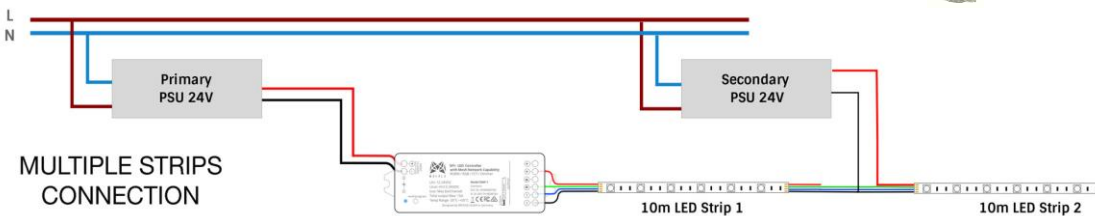
[DELETING A NETWORK](#)

[CONNECTING TO GATEWAY](#)

[ACTIVATING GATEWAY](#)

[QR DISPLAY CONFIGURATION](#)

[CONNECTING MULTIPLE STRIPS TO 1 CONTROLLER](#)



ORDERING GUIDE

LBL-5050-2835-72P-24V-10MM-RGBTW-SPI-IP65

SPECIFICATION	
Applications	Undercabinet, Cove, Valance, Decorative
Maximal Power	1.5W/ft (5W/m)
Input	24V DC Constant Voltage Power Supply
CCT	RGB + Tunable White
Light Output per 3.3 ft (1m)	2700K - 90 lm, 6000K - 114 lm, RGB - 144 lm
Control Type	SPI (Serial Peripheral Interface)
Length	33ft (10 m)
Maximum length per power supply	33ft (10 m)
Maximum length per SPI controller	495 ft (150m) / 600 pixels
Width	bare strip 3/8" (10 mm) with silicone 1/2" (12 mm)
Beam Angle	135°
IP Grade	IP 65
Approved Location	Wet Location
Operating Temperature	-13°F (-25°C) to +113°F (+45°C)
Cuttable Increment	10" (25cm)
Minimum Bending Radius	2" (50 mm)
LEDs sizes	RGB - 5050, Warm & Cool White - 2835
Adhesive Tape Type	3M 300SE
Projected Life	70% Light Output at 50,000 Hours
Certification	c ETL us
Warranty	5 year indoor / 3 year outdoor - when installed with a Lotus LED Lights driver
	The warranty is void if installed with an LED driver from another manufacturer

COMPATIBLE DEVICES & ACCESSORIES



[SPI Controller model S54072W092S10-SPI](#)



[Gateway for Remote Control model 23W-1L](#)



[QR-Code Display for Guest Control model MQR-100](#)



Tape to Wire Strip Connector model LSC-1-RGBTW



Tape to Tape Strip Connector model LSC-0-RGBTW

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