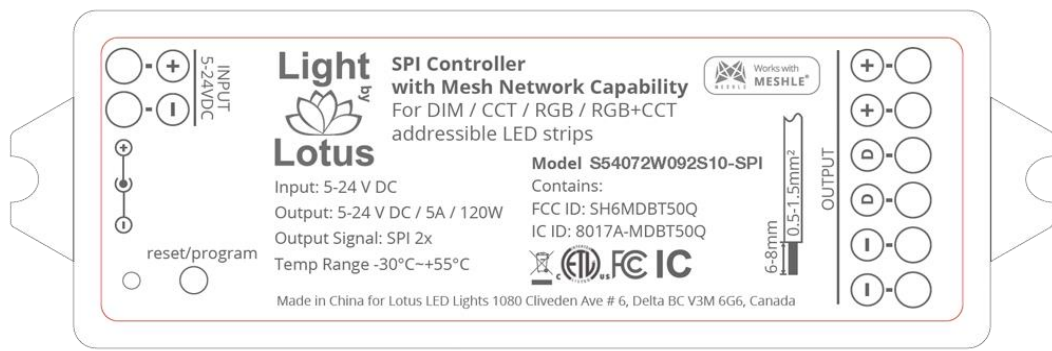




S54072W092S10-SPI

SPI Controller for RGBTW Strips



Project: _____

Location: _____

Qty: _____

Notes: _____

DESCRIPTION

Multi-pixel LED strip controller with SPI signal output
 MESHLE app cloud control, support to set colors, scenes, animations, timers, rules, device configuration, power up state, PWM frequency, etc.
 Offers group control capability: can be operated individually or as part of a group
 Compatible with MESHLE: Enables wireless connection with other devices in a Bluetooth Mesh Network and control via the MESHLE app

NOTES

2.4 GHz Wi-Fi supported only.
 Output power of the constant voltage power supply should be at least 1.2 times that of the output load (LED strip), otherwise the full power output of the load will cause the lights to flicker.
 5 lighting modes available: DIM, CCT, RGB, RGBW & RGBTW
 One controller could operate up to 495 ft (150m) of Light by Lotus RGBTW strips
 Max distance from router to ensure stable operation: 50 ft (15 m) indoor / 100 ft (30 m) outdoor.
 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.
 Maximum 3.3 ft (1m) wire length between SPI controller and LED strip.

SPECIFICATION	
Input Voltage	5 - 24V DC
Output Voltage	5 - 24V DC
Max Output Current	5A
Max Output Power	120W
Output Signal	SPI x 2
Input Signal	Meshle app + Bluetooth mesh
Min supported version	Bluetooth Low Energy 4.1
WiFi supported	2.4 GHz
Max pixel dots	600
Operating Temperature	-22°F (-30°C) to +122°F (+55°C)
Case Temperature	max 149°F (65°C)
IP Rating	IP20
Certification	c ETL us, FCC
Warranty	5 Year

SETUP INSTRUCTIONS

[WIRING SPI CONTROLLER](#)

[CONNECTING TO PHONE APP](#)

[CHANGING PIXEL COUNT](#)

[RENAMING STRIP](#)

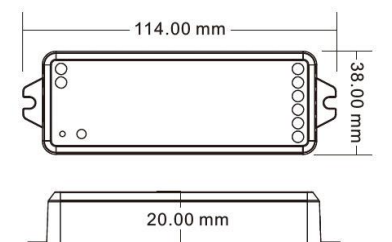
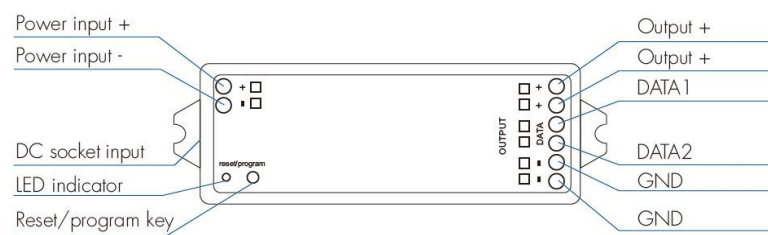
[CONNECTING MULTIPLE STRIPS TO 1 CONTROLLER](#)

[DELETING A NETWORK](#)

[CONNECTING TO GATEWAY](#)

[ACTIVATING GATEWAY](#)

[QR DISPLAY CONFIGURATION](#)



COMPATIBLE DEVICES



RGBTW LED Strip IP20

[LBL-5050-2835-72P-24V-10MM-RGBTW-SPI-IP20](#)

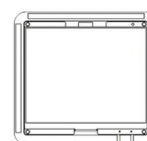


RGBTW LED Strip IP65

[LBL-5050-2835-72P-24V-10MM-RGBTW-SPI-IP65](#)



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



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

ORDERING GUIDE

S54072W092S10-SPI

<p>Lotus LED Lights USA 250 H Street # 301, Blaine WA 98230 tel 360-200-5500 Hainesport NJ, Naples FL, Vancouver WA</p>	<p>www.LotusLEDLights.com mailing addresses warehouses</p>	<p>Lotus LED Lights CANADA 1080 Cliveden Ave # 6, Delta BC V3M 6G6 tel 604-538-3090 Delta BC & Mississauga ON</p>
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