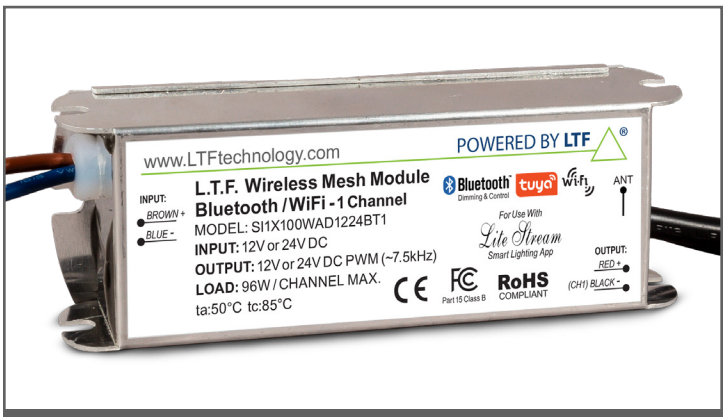
LTF TECHNOLOGY

POWERED BY LTF

Wireless Mesh Module - Bluetooth / WiFi

12V or 24V DC Input / Output • 1-, 2-, or 5-Channel Control



SI1X100WAD1224BT1

Input	12V, 24V DC
Output	12V, 24V DC
Max. Power	96W Per Channel
Wireless Standard	Bluetooth
Dimming	Wireless PWM (~7.5kHz)
Protection	Input / Output
Storage	-30°C / +90°C
Humidity	95% RH Max.
IP Rating	IP44

Features & Applications:

- Input: 12V or 24V DC
- Dimming: Wireless PWM (~7.5kHz) with mobile app (NOTE: do not use in combination with hardwired dimmers)
- Superior thermal performance
- Aluminum case with high W/m.K encapsulating material
- WiFi control with optional Bluetooth® gateway
- Transform 12V, 24V constant voltage LEDs into connected IoT / Smart Devices
- Single Channel for single CCT or Dim-to-Warm
- 2-Channel for CCT tuning
- 5-Channel for RGBW+WW
- Indoor and outdoor applications
- Residential and commercial
- New or retrofit installations

Electrical Specifications:

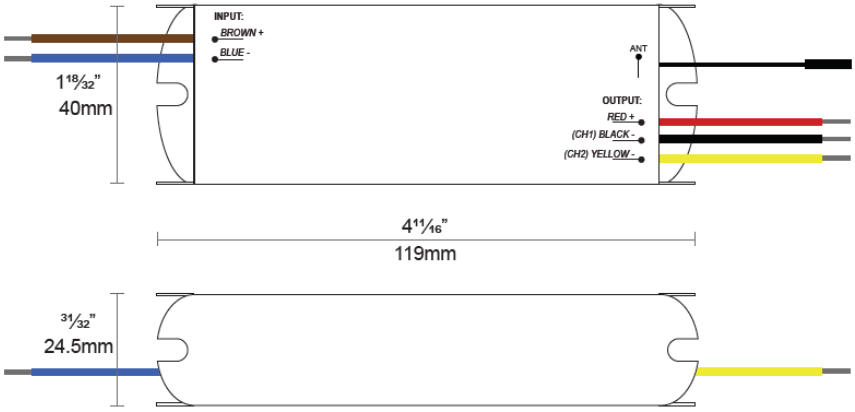
Model Number	Max. Wattage	Input	Output	Load	Form Factor
SI1X100WAD1224BT1	96W Per Channel	12V or 24V DC	12V or 24V DC (~7.5kHz PWM)	Single Channel 12V or 24V DC LED	C1
SI2X100WAD1224BT2				Dual Channel 12V or 24V DC LED	C2
SI5X250WD1224BT5				5-Channel 12V or 24V DC LED	C5

P: +1 (847) 498-5832 F: (773) 337-5628 E: LTFsales@ltftechnology.com
11966 Oak Creek Pkwy. Unit H, Huntley, IL 60142 U.S.A. | LTFtechnology.com

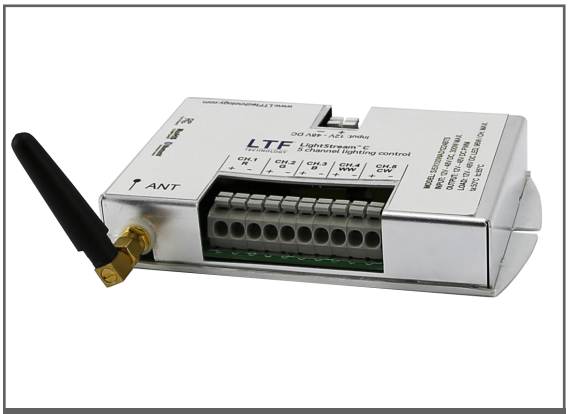
Mechanical Specifications

Form Factor	Dimensions
C1 (Single-Channel)	119 x 40 x 24.5mm
C2 (Dual Channel)	

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Form Factor	Dimensions
C5 (5-Channel)	145 x 74 x 26.3mm



SI5X250WD1224BT5

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.