

Available Models¹

- LLS-B-CRGB-A12A-60A01-24V (XH)

SAMPLE PART NUMBER BREAKDOWN

LLS-B-CRGB-A12A-60A01-24V (XH)

Series	Type	LED Type	LEDs per Segment	IP Rating	Wattage	LEDs per Sheet	Size	Voltage	Connector
LLS-B	CRGB	A	12	A	60	A	01	24V	(XH)
Strip Sheet	RGB	5050 SMD	12 LEDs/seg	IP20	60 Watts	288 LEDs	18.9 x 9.5in.	24 VDC	(XH): XH Type

Overview

Wrap corners and trim to fit unique shapes with the RGB LED light sheet. The 18.9" x 9.5" sheet can be cut along the horizontal, vertical, or diagonal lines to customize the flexible sheet. The slim design delivers powerful lighting in low-clearance signs making it perfect for backlighting signage applications. On-board XH connectors reduce the need for soldering, simplifying installation. Connect multiple sheets or segments using the included 3" interconnect cable. Install with the 3M™ adhesive backing or fasten it with screws² at the indicated spots.

Please refer to specification sheet for cutting guidelines. Using only pre-marked lines when cutting is essential to maintaining electrical contact.

Features

- Customizable LED sheet fits unique shapes and signage
- Displays RGB colors for a wide-range of applications
- On-board XH connections simplify installation
- Thin and bendable for use in low-clearance spaces
- 3M™ adhesive backing for easy installation

Product Details

- Segment size: ~4.7" x 1.6"- 24 segments per sheet
- Max Run³ with Class 2 wiring: 1.5 sheets
- Included: (1) 19" pigtail connector, (1) 3" interconnect
- Input connection: 4-pin XH connector
- PWM dimmable
- 24 VDC

Certifications and Compliances

- UL Listed - UL 2108 (IFDR)



Applications

- Accent Lighting
- Backlighting
- Channel Letters
- Commercial Lighting
- Displays
- Light Boxes
- Offices
- Retail Shops
- Sign Lighting

Warranty

- 7-year warranty



¹ Contact customer service for additional options.
² Pan head fasteners required to avoid damage to sheet.
³ Max run listed with strip powered by single power supply at one end.

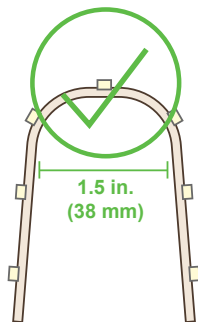
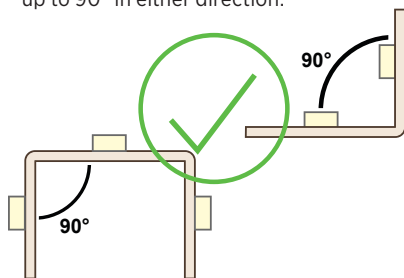
RGB LED Light Sheet

Flexible Sheet Light Specifications

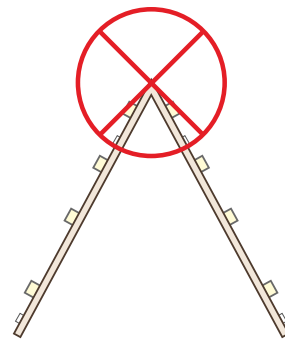
SPECIFICATIONS	
Model	LLS-B-CRGB-A12A-60A01-24V (XH)
PHOTOMETRIC	
LED Color	RGB
LED Beam Angle	120°
ELECTRICAL	
Wattage	60 Watts
Current Draw	2.5A
Input Voltage	24 VDC
Dimmer Type	PWM
MECHANICAL	
Input Connection Type	Pigtail, XH 4-Pin Connector
Output Connection Type	XH 4-Pin Connector
Max Run (Class 2) ³	1.5 Sheets
LED Type	5050 SMD
LEDs per Segment	12
LED Lifetime	50000 hours
ENVIRONMENTAL	
Enclosure Rated	Yes, 1.18in. (30mm) min. space
IP Rating	IP20
Environmental Rating	Suitable for Dry Locations, Non-weatherproof
Ambient Operating Temperature	-20 to 60°C (-4 to 140°F)

Sheet Flexibility

Hard bends can be made up to 90° in either direction.

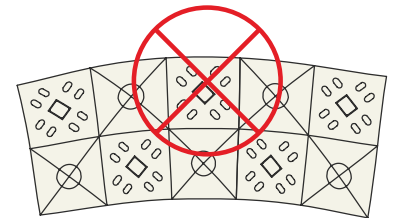


Soft bends less than 1.5 in. may damage circuit traces and void warranty.



Bending strips sheets or sections at sharp angles will damage circuit traces and void warranty.

Bending strip sheets or sections on horizontal plane will damage circuit traces and void warranty.



RGB LED Light Sheet

Flexible Sheet Light Specifications

Dimensional Drawings

Each (XH) LED sheet includes one 4-wire lead and one interconnect, but has no attached pigtail.

