



RGB Addressable LED Module (12V)

L307W3RGB12A



Overview

The RGB Addressable LED Module provides dynamic lighting effects with individually addressable modules, giving greater variation in application and animation. Its size and shape make it optimal for small spaces, ensuring versatility in placement. It is easy to install through peel and stick or by screws. Customized programming is available to tailor the lighting effects to specific needs.



Explore ColorMix



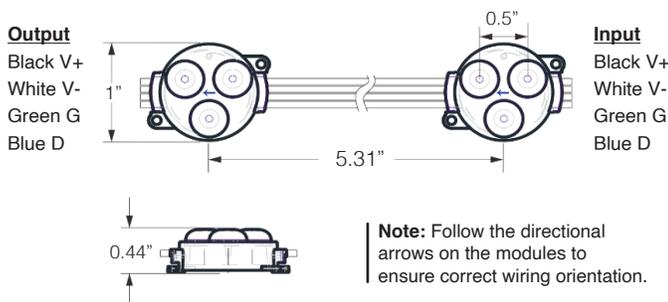
Where to Buy

These modules offer the perfect solution for lighting signs, channel letters, theatres, casinos, and many other architectural establishments, enhancing their aesthetic appeal and visibility.

Features

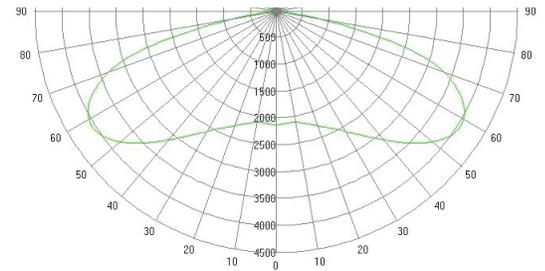
- 165° wide beam angle
- IP67 rated protection
- Energy saving
- Environmentally friendly
- Compatible with Allanson's SPI controllers and accessories
- Endless RGB effects with chase and morphing animations powered by LEDgen3 addressable technology

Dimensions



Specifications

Part Number.....	L307W3RGB12A
LED Colors.....	Red Green Blue
LED/ Module.....	3
Module/ Ft.....	2.5
Beam Angle.....	165°
Power Consumption.....	0.6W
Input Voltage.....	12V DC
Operating Temperature.....	-40°C ~ 60°C / -40°F ~ 140°F
Protection.....	IP67
Recommended Depth.....	2"~6" (5cm~15cm)
Warranty.....	5 years
Packaging.....	40 modules/bag
Light Distribution Curve.....	



Lighting Output

Nominal Wavelength.....	Red 620 to 625nm Green 520 to 530nm Blue 460 to 470nm
Efficacy lm/W.....	Red 46.8lm/W Green 74.5lm/W Blue 21.4lm/W RGB 46.9lm/W
Lumen per Module.....	Red 10.3lm Green 16.4lm Blue 4.7lm RGB 30.5lm





Power Supplies Loading

	Power Supply Part number	Output Watts	Input Voltage	Output Volts DC	Max. Modules**
12V	ACVN125-120-277V	60W	120-277	12	100
	ACV125-120-277V	60W	120-277	12	100
	ACV2125-120-277V	120W (60 + 60)	120-277	12	100 + 100
	ACV3125-120-277V	180W (60 + 60 + 60)	120-277	12	100 + 100 + 100
	CVW125-120-277V*	60W	120-277	12	100
	CVW2125-120-277V*	120W (60 + 60)	120-277	12	100 + 100
	CVW3125-120-277V*	180W (60 + 60 + 60)	120-277	12	100 + 100 + 100

*IP68 rated

**Based on 100% load (recommended 80%).

