RGBW LED Module (12V)
L307W3RGBW12

ColorMix
Lighting Solutions by **Allanson**

Overview

RGBW LED Module provides dynamic lighting effects with its tricolor emitters capable of producing red, green, blue, and white colors, giving greater variation in application and animation. It is easy to install through peel and stick or by screws. Customized programming is available.

The modules provide clear reliable preformance for many projects i.e. signs, channel letters, theatres, casinos, and many other lighting solutions.

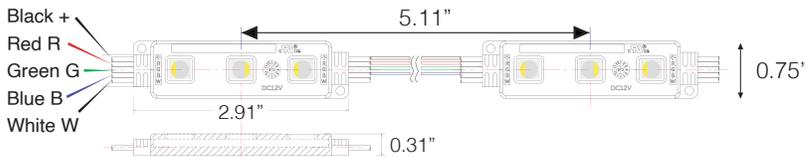Explore ColorMix

Where to Buy

Features

- 100% transmittance PC Cover
- 120° wide beam angle
- IP66 rated protection
- Energy saving
- Environment friendly
- Compatible with Allansons' DMX controllers, 4-channel sub-controller and power repeaters

Specifications

Part Number........................	L307W3RGBW12
LED Colors.........................	Red, Green, Blue, White (7000K)
LED/ Module......................	3
Module/ Ft.........................	2.5
Beam Angle.......................	120°
Power Consumption...........	0.96W
Input Voltage......................	12V
Operating Temperature.......	-40°C ~ 60°C / -40°F ~ 140°F
Protection...........................	IP66
Recommended Depth........	4"~6" (10cm~15cm)
Warranty............................	5 years
Packaging..........................	30 modules/bag

Lighting Output

Nominal Wavelength............	Red 620 to 625nm
	Green 520 to 525nm
	Blue 460 to 467nm
	White 7000K
CCT....................................	7000K for white
Efficacy lm/W......................	Red 33.1lm/W
	Green 65.0lm/W
	Blue 16.0lm/W
	White 91.0lm/W
	RGBW 51.3lm/W
Lumen per Module...............	Red 8.0lm
	Green 15.6lm
	Blue 3.8lm
	White 21.8lm
	RGBW 49.2lm

Dimensions and Functions

Black +
Red R
Green G
Blue B
White W

5.11"
2.91"
0.75"
0.31"

Power Supplies Loading

	Power Supply Part number	Output Watts	Input Voltage	Output Volts DC	Max. Modules**
12V	ACVN125-120-277V	60W	120-277	12	62
	ACV125-120-277V	60W	120-277	12	62
	ACV2125-120-277V	120W (60 + 60)	120-277	12	62+62
	ACV3125-120-277V	180W (60 + 60 + 60)	120-277	12	62+62+62
	CVW125-120-277*	60W	120-277	12	62
	CVW2125-120-277*	120W (60 + 60)	120-277	12	62+62
	CVW3125-120-277*	180W (60 + 60 + 60)	120-277	12	62+62+62

*IP68 rated
**Based on 100% load (recommended 80%).

CSR
c(UL)us E251622
5 YEAR warranty
IP66
THINK GREEN