

Overview

ACLW-RGB AD2 provides dynamic lighting effects with individually addressable modules, giving greater variation in application and animation. It is easy to install through peel and stick or by screws. Customized programming available.



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Where to Buy

The modules provide perfect solution for lighting signs, channel letters, theatres, casinos, and many other architectural establishments.



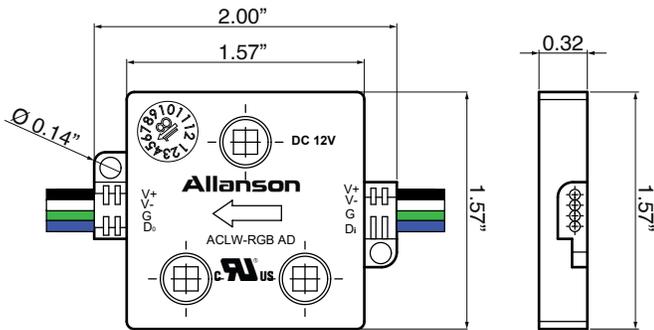
Features

- Bright and luminous multi-color LED
- Wide 110° beam angle ensures broad and even illumination
- Constant voltage 12V DC
- Sturdy semi-clad die casting housing, coated with transparent epoxy glue
- IP67 rated protection
- Each modules can be individually addressed

Specifications

Part Number.....	ACLW-RGB AD2
LED Colors.....	Red Green Blue
Input Voltage.....	DC 12V
Power Consumption/ Mod...	0.72 W
Lumen.....	R: 6lm, G: 12lm, B: 3lm, 90% efficiency
Beam Angle.....	110°
Mod/ Ft.....	2.5
Operating Temperature.....	-30°C ~ 60°C / -22°F ~ 140°F
Protection.....	IP67
Estimated Lifespan.....	50,000 hours
Warranty.....	5 years
Packaging.....	40 modules/bag

Dimensions



Power Supplies Loading

	Power Supply Part number	Output Watts	Input Voltage	Output Volts DC	Max. Modules
12V	ACVN125-120-277V	60W	120-277	12.0	80
	ACV125-120-277V	60W	120-277	12.0	80
	ACV2125-120-277V	120W (60 + 60)	120-277	12.0	80 + 80
	ACV3125-120-277V	180W (60 + 60 + 60)	120-277	12.0	80 + 80 + 80
	CVW125-120-277V*	60W	120-277	12.0	80
	CVW2125-120-277V*	120W (60 + 60)	120-277	12.0	80 + 80
	CVW3125-120-277V*	180W (60 + 60 + 60)	120-277	12.0	80 + 80 + 80

*IP68 rated



Installation Instructions

1. Double-Sided Adhesive Installation
 - Clean surface before installation to ensure a clean and dust-free surface
 - Tear off double-sided adhesive tape, stick the modules on the installation board.

Note

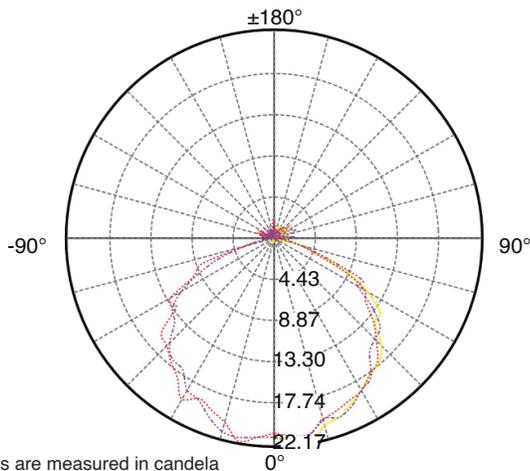
- Use adhesive with good thermal conductivity to optimize heat dissipation and improve product's adhesivity
- Avoid covering the product's surface with adhesive, especially on the LED lens as this will impede the product's luminosity.

2. Fixed Screw Installation
 - Insert screw through the module's installation hole and fix the module on the installation board.
 - Do not over torque the screw to avoid damaging the product

Note

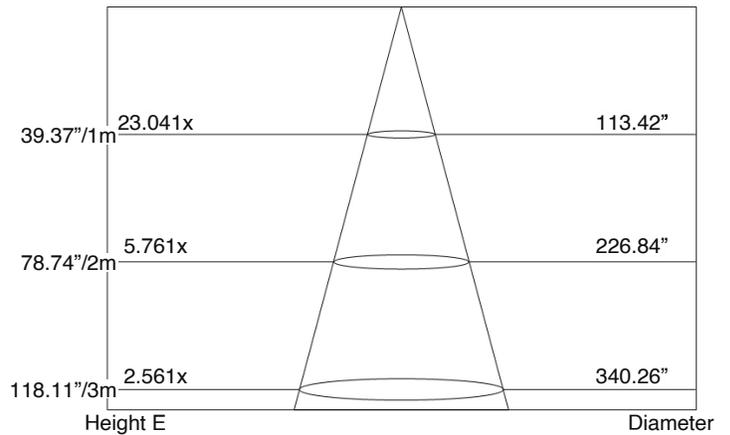
- Use the right size screws
- Use adhesive with good thermal conductivity to optimize heat dissipation and improve product's adhesivity
- Avoid covering the product's surface with adhesive, especially on the LED lens as this will influence the product's luminosity.
- Waterproofing the installation holes is recommended

Light Distribution Curve

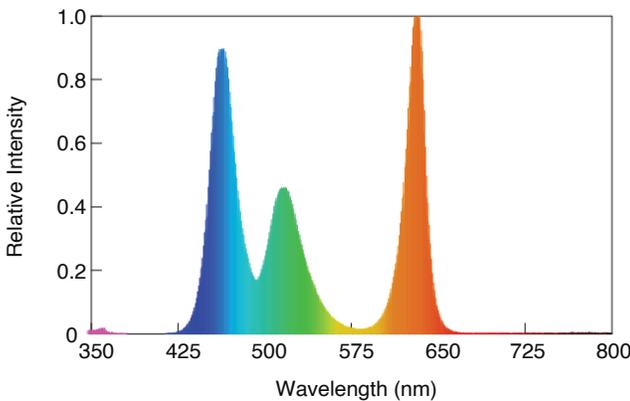


*Numbers are measured in candela

Illumination Distribution



Spectrum



Wiring Diagrams

