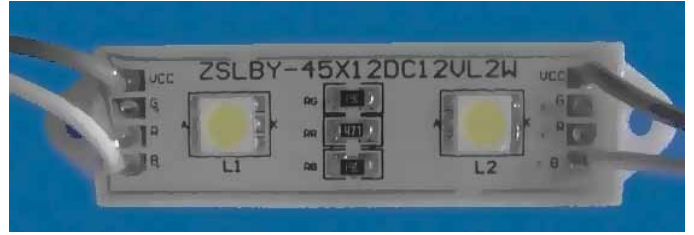# ARL-PGM5060-2W

Features

- Long lifespan with above 50,000hrs
- Low power consumption
- Use super bright 5050 SMD
- Safe application with DC12V
- Very small heat dissipation
- Waterproof with IP68
- Easy Installation

- High Brightness, no spot, no shadow;
- Low voltage DC12V,safe and stable, free maintenance;
- Easy installation with 3M stick paper or fixed hole;
- Totally waterproof with IP68 and can be used in pool;
- Friendly environment with CE, RoHS certificate;

Applications

- Ad Light Box
- Channel Letter
- Illuminated Letters
- Ad Signs
- Signage
- Landscape Lighting
- Decoration

Internal Circuit Diagram
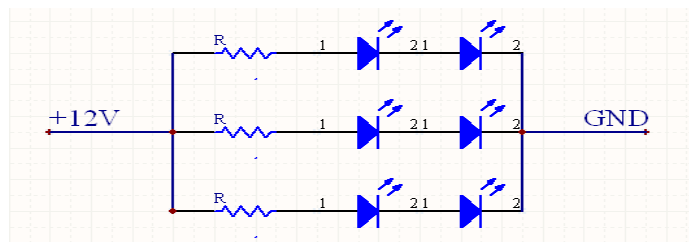
Specification

Basic Parameter			
Color	White	LED Type	5050 SMD
LED No	2PCS	Dimension	46×14×6mm
Weight	15g±5%	Lifespan	MTBF > 50000hrs
Work Temperature			
Work Temperature	-40°C+80°C		
IP	IP68		
Voltage			
Input Voltage	DC12V±5%	Waltage	0.42 W
Work Mode	Static Voltage		
Light Performance			
Lumen	≥20lm		
Beam angle	≥150°		
Package			
Pcs /Box	200pcs/box	Boxes/Carton	10boxes/carton

Volt-ampere Characteristic Curve
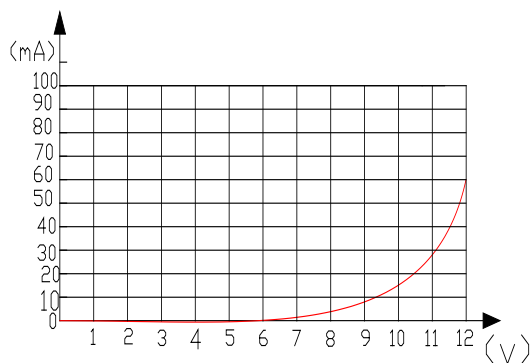
Optical Characteristics Curves

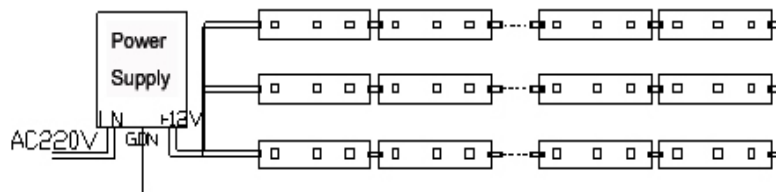Beam Pattern

Relative Intensity (LOP@MAX=1)
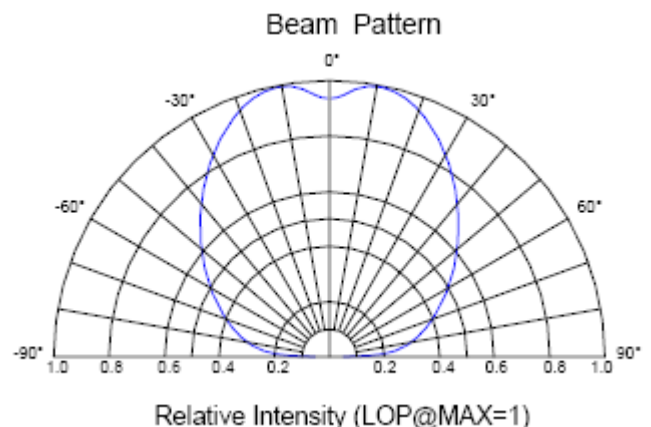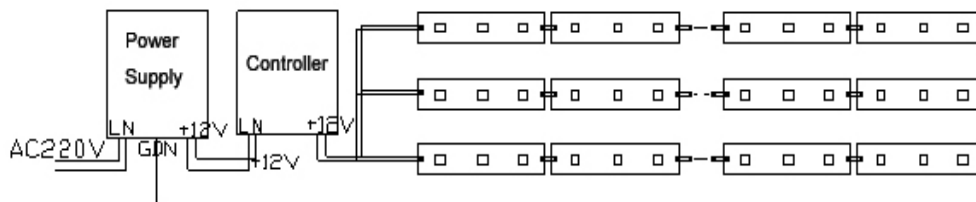
Volt-ampere Characteristic Curve
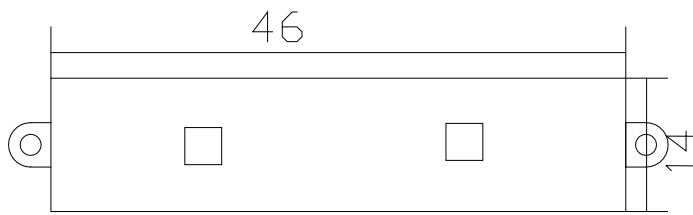
Installation

Connection method 1

Connection method 2

Notes

- Each 20 unit should be connected in a power loop
- Turn power cable should be noticed
- Turn power off before inspection ,installation
- Make sure ground wire is connected properly
- Make sure that all LED modules have the same color temperature/wavelength