

Edge-Light RGB



Characteristics

1. Adopt 3030 2W per piece LED , good heat dissipation;
2. Switch type constant current drive ensuring full bunch in same brightness and stably working.
3. Aluminum PCB for LED and components working in a low temperature condition.
4. Secondary optic design, high light transmittance Optical lens, 45*15 degree beam angle, no bright dots, lighting evenly than normal module.
5. Best sealed, moisture-proof, water-proof, dust proof and impact resistance .
6. IP65 Protection level.
7. RoHS standard of all raw materials.
8. Long lifespan and low failure rate.

Used For:

- Signs lighting
- Metro Signs
- Airport light boxes
- Back light Source

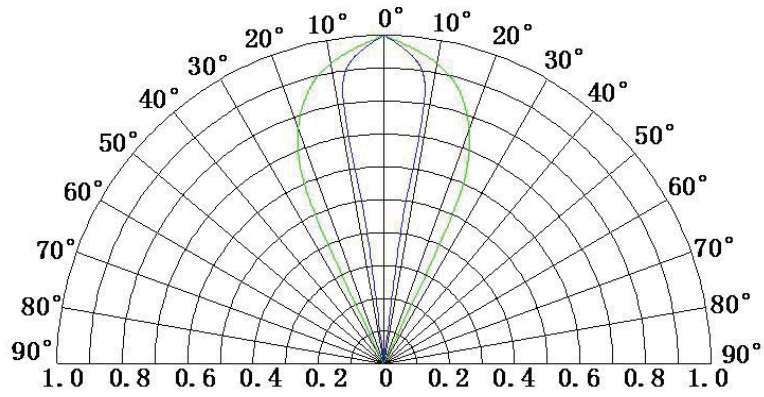
Description

RGB bar is our newest patented and developed high-power LED modules with edge emitting. This type module is designed with multiple optic design technique, high light transmittance PMMA lens, 45*15 degree beam angle for double sided light box. There are little light dots in the signs or light boxes, as well as lighting average better than the other mid-power modules in lighting efficiency. Also the special circuit designed for the LED is made of constant current driving, greatly reducing the fluctuating power efficiency. Another remarkable technique is the whole unit has been formed in one-time injection molding, tightly sealed for the best protection when in use.

Parameters>>

| Parameters | | (Room temperature =25°C) | | | | |
|-----------------------------------|------------------------------|--------------------------|------------|---------|---|------|
| Item | Parameter | Unit | | | | |
| LED Type | 3030 | - | | | | |
| LED Quantity | 3 | PCS | | | | |
| Concatenation | 10 | PCS | | | | |
| Dimension | 240*26*15 | mm | | | | |
| Module's Center Dis. | 80 | mm | | | | |
| Power | Red= 1.8 ± 5% | W | | | | |
| | Green=1.8 ± 5% | W | | | | |
| | Blue=1.8 ± 5% | W | | | | |
| | White=5.4 ± 10% | W | | | | |
| Input Voltage | DC12 | V | | | | |
| Input Current | / | A | | | | |
| Driving mode | Switch type Constant current | | | | | |
| Surface Temp. | < 48 | °C | | | | |
| Working Temp. | -20 ~ +45 | °C | | | | |
| Storage Temp. | -30 ~ +60 | °C | | | | |
| Protect Level | IP65 | - | | | | |
| Optical and Electrical Parameters | | (Room temperature=25°C) | | | | |
| Test Item | Test condition | symbol | Parameters | | | Unit |
| | | | | | | |
| Luminous Flux | Blue Wavelength | | | 456.7nm | | -- |
| | Red Wavelength | | - | 622.3nm | - | -- |
| | Green Wavelength | | - | 525.8nm | - | |

Light Distribution Curve >>



Product Sketch >>

