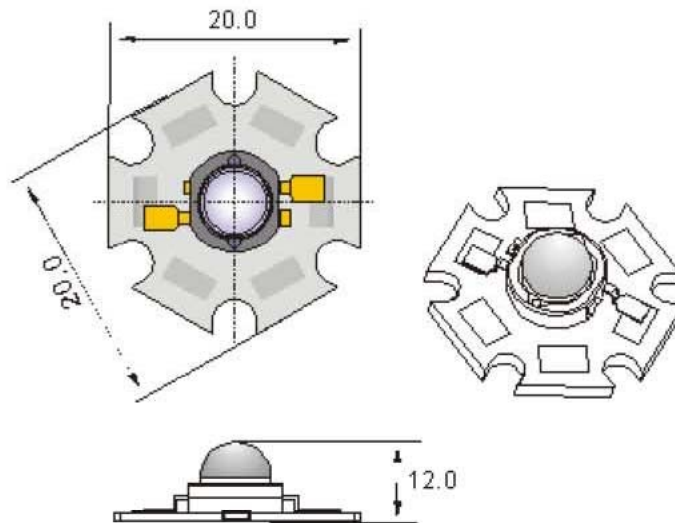


0.5W star LED

* Star PCB is enough to heat-sink and heat-sink is not needed more.

- Hight brightness,long lifetime.
- Wider range working current and low consumption.
- Available in lighting,illumination and apparatus facilities etc.



Electrical Optical Characteristics at Ta=25⁰C IF=150mA

| Chip | Part Number | Wavelength (nm) | Forward Voltage (V) | Forward Current (mA) | Luminous Flux (lm) | emitting angle θ |
|----------|-------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|
| 24X24miL | White | -- | 3.4-3.8 | 150 | 10-15 | 150 ⁰ |
| 24X24miL | Blue | 462-470 | 3.4-3.8 | 150 | 2-3 | 150 ⁰ |
| 24X24miL | Green | 515-525 | 3.4-3.8 | 150 | 9-12 | 150 ⁰ |
| 24X24miL | Red | 624-630 | 2.2-2.5 | 150 | 4-5 | 150 ⁰ |
| 24X24miL | Yellow | 590-595 | 2.2-2.5 | 150 | 3-4 | 150 ⁰ |

Absolute Maximum Ratings at Ta=25⁰C

| Characteristic | Symbol | MAX | Unit |
|--|--------|--------|----------------|
| Power Dissipation | PD | 500 | mW |
| Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width) | IFP | 300 | mA |
| Reverse Current | IR | 20 | μ A |
| Reverse Voltage | VR | 30 | V |
| Operating Temperature | Topr | -40-65 | ⁰ C |

NOTES:

- 1.All dimensions are millimeters;
2. Tolerances are ± 0.1 mm unless otherwise specified.