

Absolute Maximum Rating: (TA=25°C)

| Parameter | Symbol | Maximum Rating | Unit |
|-------------------------|--------|----------------|------|
| Peak Forward Current | IFp | 700 | mA |
| Forward Current | IF | 600 | mA |
| Reverse Voltage | VR | 5 | V |
| Power Dissipation | PD | 4 | W |
| Operating Temperature | Topr | -40~+85 | °C |
| Storage Temperature | Tstg | -40~+85 | °C |
| Electrostatic Discharge | ESD | 500 | V |

Lead soldering Temperature (4mm from body) : 260°C for seconds

Optical-Electrical Characteristic: (TA=25°C)

| Parameter | Symbol | Condition | Min | Type | Max | Unit |
|--------------------------|--------|-----------|------|------|------|------|
| Forward Current | VF | IF=600mA | 9.2 | - | 9.6 | V |
| Reverse Current | IR | VR=5V | | - | 5 | uA |
| Chromaticity Coordinates | X | IF=600mA | 0.28 | 0.30 | 0.32 | nm |
| Chromaticity Coordinates | Y | IF=600mA | 0.29 | 0.31 | 0.32 | nm |
| CCT | Tc | IF=600mA | 6000 | - | 8000 | K |
| Flux | Φ | IF=600mA | 360 | - | 384 | Lm |
| Luminous Efficacy | lv | IF=600mA | 60 | - | 63 | Lm/W |
| Viewing Angle | 2θ1/2 | IF=600mA | - | 120 | - | Deg |

Fig. 1

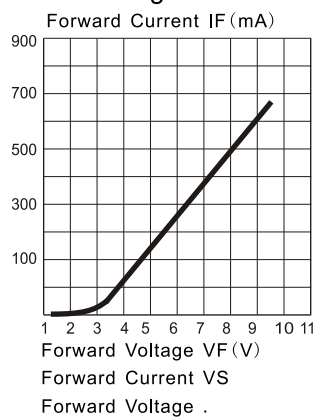


Fig. 2

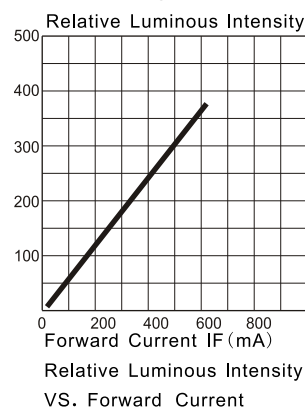


Fig. 3

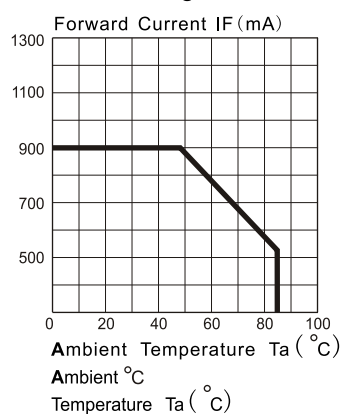
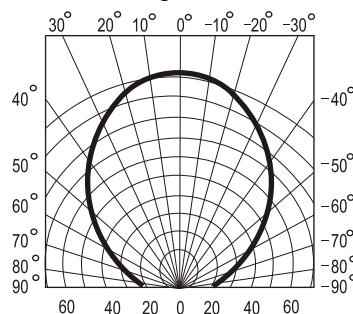


Fig. 4



NOTES: 1. All dimensions are in millimeter (inches), tolerance is 0.25 unless otherwise noted.
2. Specifications are subject to change without notice.