



OS-3W White (200 Lm, 6000K)

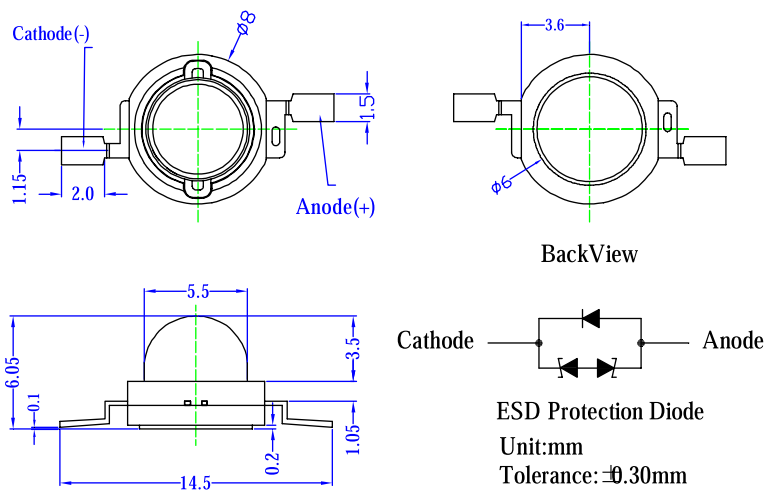
Features

- Highest Luminous Flux
- Super Energy Efficiency
- Long Lifetime Operation
- Superior ESD protection
- Superior UV Resistance

Applications

- Read lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Bollards / Security / Garden
- Traffic signaling / Beacons
- In door / Out door Commercial lights
- Automotive Ext

Outline Dimension



Absolute Maximum Rating

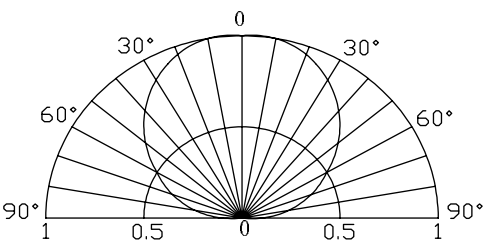
| Item | Symbol | Value | Unit |
|----------------------------|--------|--------------|------|
| DC Forward Current | IF | 800 | mA |
| Pulse Forward Current* | IFP | 1000 | mA |
| Reverse Voltage | VR | 5 | V |
| Power Dissipation | PD | 3200 | mW |
| Operating Temperature | Topr | -30 ~ +85 | °C |
| Storage Temperature | Tstg | -40~ +100 | °C |
| Lead Soldering Temperature | Tsol | 260 °C /5sec | - |

Notes: *Pulse width Max.10ms Duty ratio max 1/10

Typical Electrical / Optical Characteristics at TA=25°C

| Item | Symbol | Condition | Min. | Typ. | Max. | Unit |
|---------------------------|------------------|-----------|------|------|------|------|
| DC Forward Voltage | VF | IF=700mA | 3.0 | 3.3 | 4.0 | V |
| DC Reverse Current | IR | VR=5V | - | - | 10 | µA |
| Luminous Flux | ϕ_v | IF=700mA | 180 | 200 | - | lm |
| Color Temperature | CCT | IF=700mA | - | 6500 | - | K |
| Chromaticity Coordinates* | x | IF=700mA | - | 0.31 | - | |
| | y | IF=700mA | - | 0.33 | - | |
| 50% Power Angle | 2 $\theta_{1/2}$ | IF=700mA | - | 120 | - | deg |

Directivity



Forward Operating Current (DC)

