

RoHS
Compliant



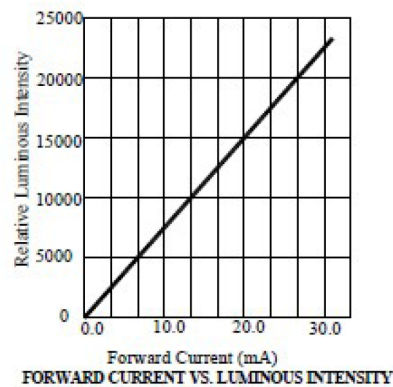
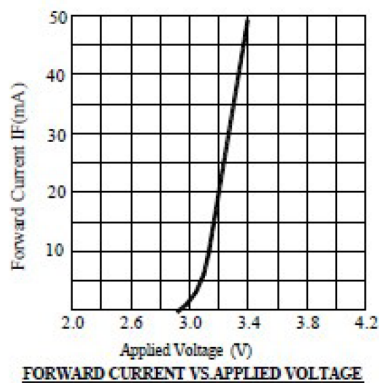
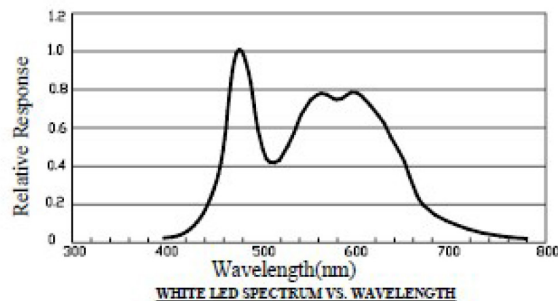
Features

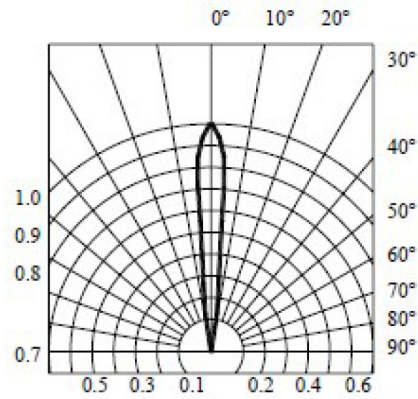
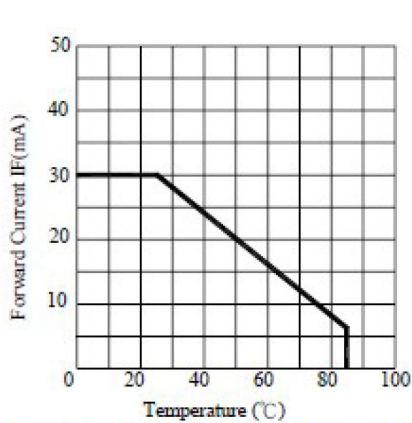
- Standard 5mm round package
- High luminous output
- Water clear lens
- Viewing Angle $2\theta_{1/2}$: 30 Deg

Max. Ratings at Ta = 25°C

| | |
|--------------------------------------|--|
| Reverse Voltage | : 5V (<100 μ A) |
| D.C. Forward Current | : 30mA |
| Pulse Current | : 100mA (Pulse Width of 0.1ms, 1/10 Duty Cycle) |
| Operating Temperature Range | : -25°C to +85°C |
| Storage Temperature Range | : -40°C to +100°C |
| Soldering Temperature Dip Soldering | : 260°C for 5s |
| Soldering Temperature Hand Soldering | : 350°C for 3s |

Typical Electrical / Optical Characteristics Curves





Specification Table

| Part Number | LED Chip | | | Luminous Intensity (mcd) at 20mA | | Forward Voltage (V) at 20mA | |
|-------------|------------------|-----------------|------------|----------------------------------|---------|-----------------------------|---------|
| | Material | Emitted Colours | Brightness | Minimum | Typical | Typical | Maximum |
| OVL-5521 | InGaN / Sapphire | White | Mega | 8,000 | 15,000 | 3.2 | 4 |

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