

RoHS
Compliant



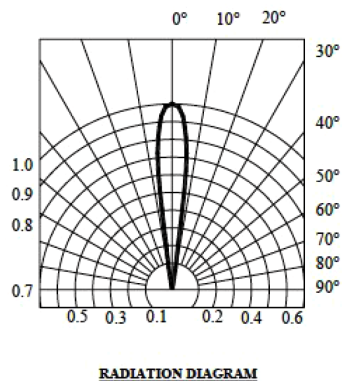
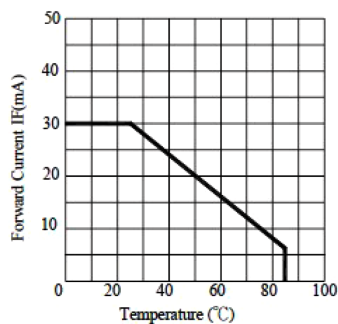
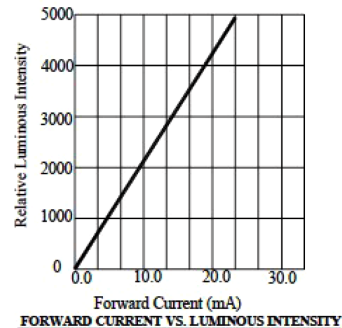
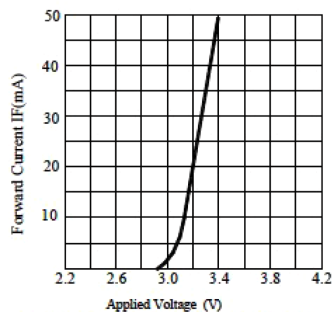
Features

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

Max. Ratings at $T_a = 25^\circ\text{C}$

Reverse Voltage	: 5V ($100\mu\text{A}$)
D.C. Forward Current	: 30mA
Pulse Current	: 100mA (Pulse Width of 0.1ms, 1/10 Duty Cycle)
Operating Temperature Range	: -25°C to $+85^\circ\text{C}$
Storage Temperature Range	: -40°C to $+100^\circ\text{C}$
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			Dominant Wavelength (nm) at 20mA	Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20mA	
	Material	Emitted Colours	Brightness		Minimum	Typical	Typical	Maximum
OVL-5523	InGaN / Sapphire	Blue	Mega	465	1,950	4,300	3.2	4

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