

RoHS
Compliant



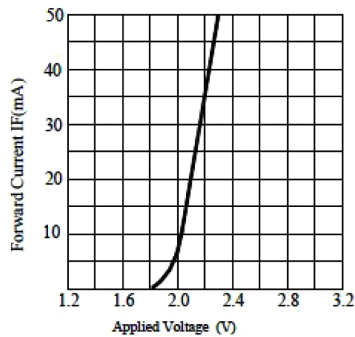
Features

- Standard 5mm round package
- High luminous output
- Water clear lens
- Viewing Angle 2θ1/2: 30 Deg

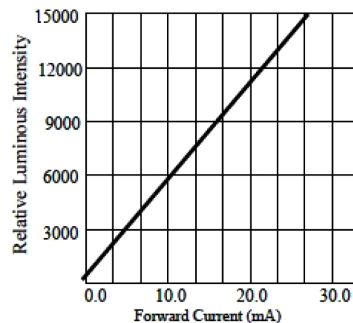
Max. Ratings at Ta = 25°C

Reverse Voltage	: 5V (<100μA)
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

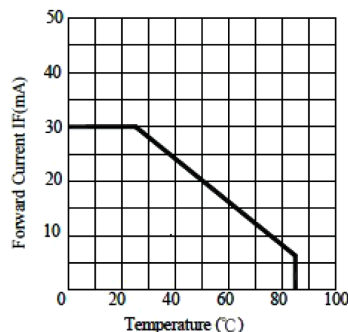
Typical Electrical / Optical Characteristics Curves



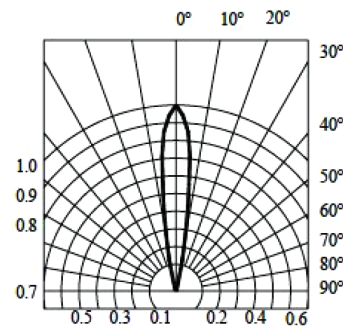
FORWARD CURRENT VS. APPLIED VOLTAGE



FORWARD CURRENT VS. LUMINOUS INTENSITY



FORWARD CURRENT VS. AMBIENT TEMPERATURE



RADIATION DIAGRAM

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-5526	A1GaInP / Si	Yellow	Mega	589	4,200	10,000	2.1	2.5

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