



Features

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

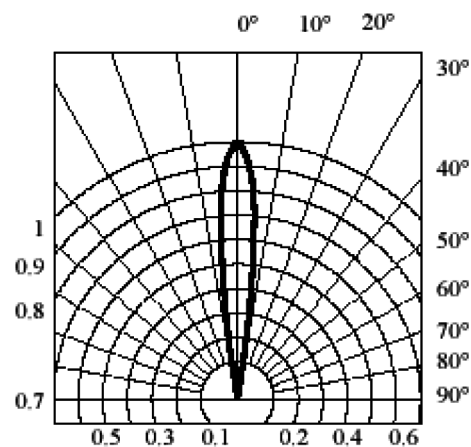
Max. Ratings at $T_A = 25^\circ\text{C}$

Reverse Voltage (<math><100\mu\text{A}</math>)	: 5V
D.C. Forward Current	: 30mA
Pulse Current (Pulse Width of 0.1 ms, 1/10 Duty Cycle)	: 100mA
Operating Temperature Range	: -25°C to $+85^\circ\text{C}$
Storage Temperature Range	: -40 to $+100^\circ\text{C}$
Soldering Temperature Dip Soldering	: 260°C for 5s
Soldering Temperature Hand Soldering	: 350°C for 3s

Electrical and Optical Characteristics at $T_A = 25^\circ\text{C}$

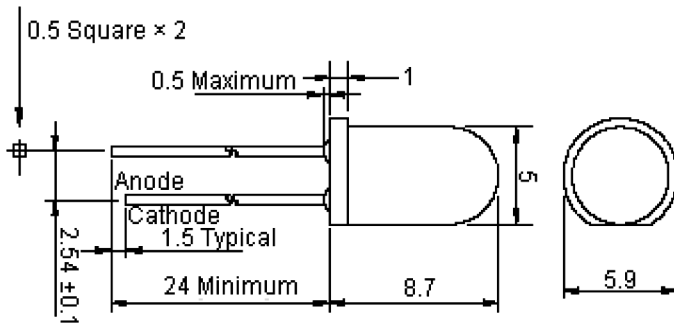
Part Number	LED Chip			Dominant Wavelength (nm) at 20mA	Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20 mA	
	Material	Emitted Colours	Brightness		Minimum	Typical	Typical	Maximum
OVL-5523	InGaN / Sapphire	Blue	Mega	465	1,950	4,300	3.2	4
OVL-5524	InGaN / Sapphire	True Green		520	4,800	13,000		
OVL-5528	A1GaInP / Si	Red		625	4,290	7,500	2.1	2.6
OVL-5526	A1GaInP / Si	Yellow		589	4,200	10,000		2.5

Radiation Diagram



Diagram

OVL-55 Series



Dimensions : Millimetres

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