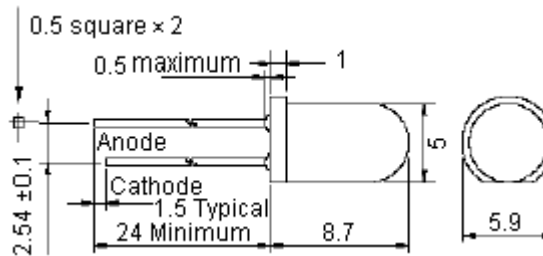


5.0mm Round LED Lamp



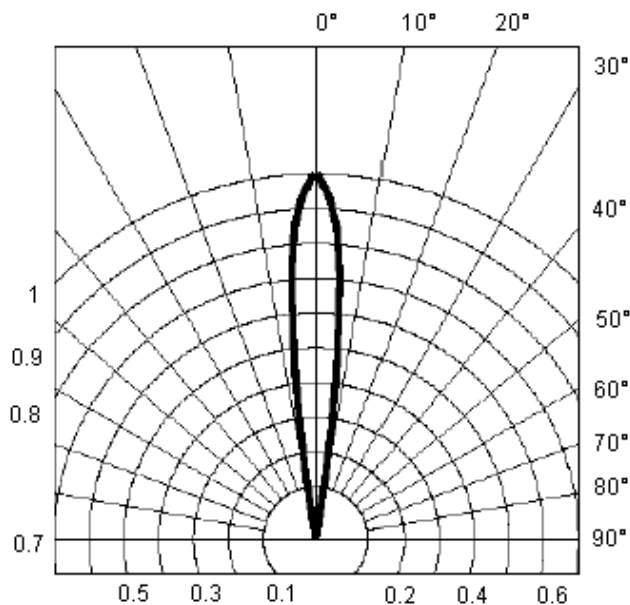
Features:

- Standard 5 mm round package
- High luminous output
- Water clear lens

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

Reverse voltage (<100 A)	: 5 V
DC forward current	: 30 mA
Pulse current (pulse width of 0.1 ms, 1 / 10 duty cycle)	: 100 mA
Operating temperature range	: -25 to +85°C
Storage temperature range	: -40 to +100°C
Soldering temperature dip soldering	: 260°C for 5 seconds
Soldering temperature hand soldering	: 350°C for 3 seconds

Radiation Diagram



Electrical & Optical Characteristics at $T_a=25^\circ\text{C}$

Ant Part no	Lens Chip			Lens Colour	Co-ordinate for CIE Chromaticity at 20 mA		Luminous Intensity (mcd) at 20 mA		Forward Voltage (V) at 20 mA		Viewing Angle $2\theta_{1/2}$ (deg)
	Material	Emitted	Brightness		X-axis	Y-axis	Minimum	Typical	Minimum	Typical	
OVL-5521	InGan / Sapphire	White	Mega	Water Clear	0.31	0.3	8,500	18,000	3.2	4	15

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