

5mm Round LED Lamp

multicomp PRO



Features

- Standard 5mm round package
- High luminous output
- Water clear lens
- Viewing Angle $2\theta^{1/2}$: 15 Deg.

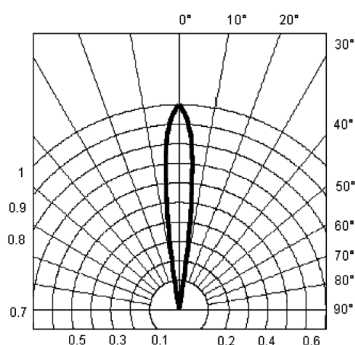
Max. Ratings at $T_A = 25^\circ\text{C}$

Reverse Voltage (I_R <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°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			Co-Ordinates for CIE Chromaticity at 20mA		Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20 mA	
	Material	Emitted Colours	Brightness	X Axis	Y Axis	Minimum	Typical	Typical	Maximum
OVL-5521	InGan / Sapphire	White	Mega	0.31	0.3	8,500	18,000	3.2	4

Radiation Diagram



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