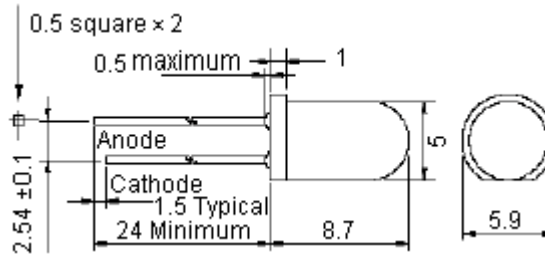


5.0mm Round LED Lamp



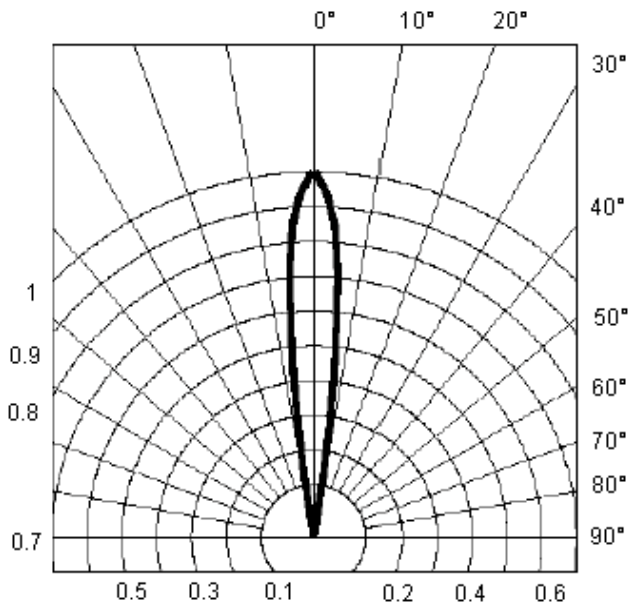
Features:

- 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 $\theta_{1/2}$ (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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.