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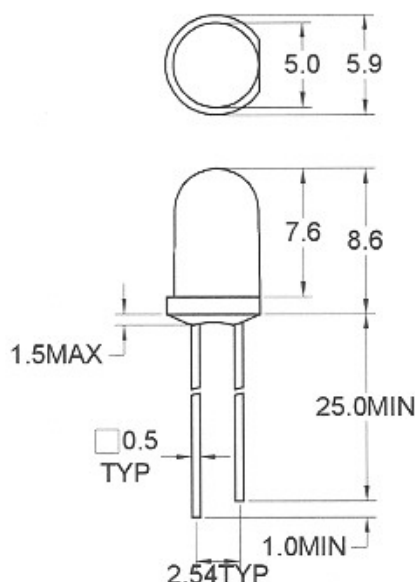
LIGITEK

SUPER BRIGHT ROUND TYPE LED LAMPS

LVX13733

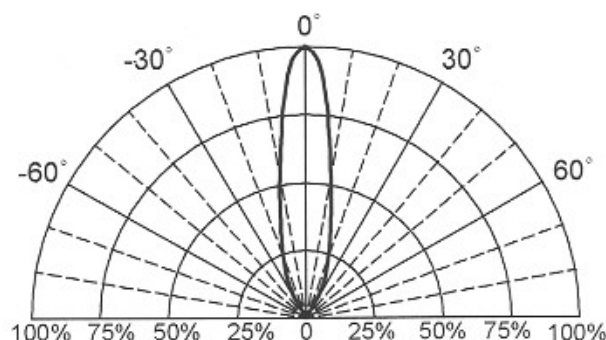
SERIES

Package Dimension



Note: 1. All dimension are in millimeter tolerance is $\pm 0.25\text{mm}$ unless otherwise noted
2. Specifications are subject to change without notice

Directivity Radiation



• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		Peak wave length λ_{Pnm}	Dominant wave length λ_{Dnm}	Spectral halfwidth $\Delta\lambda_{nm}$	Forward voltage @20mA(V)		Luminous intensity @20mA(mcd)		Viewing angle $2\theta_{1/2}$ (deg)
		Emitted	Lens				Min.	Max.	Min.	Typ.	
LUR13733	GaAlAs	Red	Water Clear	660	---	20	1.5	2.4	450	700	25
LURF13733	AlGaInP	Red	Water Clear	---	630	20	1.5	2.4	550	900	25
LUE13733	AlGaInP	Orange	Water Clear	---	620	17	1.7	2.6	450	700	25
LUY13733	AlGaInP	Yellow	Water Clear	---	595	15	1.7	2.6	350	550	25

• Absolute Maximum Rating ($T_a=25^\circ\text{C}$)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	UR		URF			UY				UE		
Forward Current	40		50			50				50	mA	
Peak Forward Current Duty 1/10@10KHz	120		130			90				90	mA	
Power Dissipation	120					120			120		mW	
Reverse Current @5v	10					10			10		μ A	
Operating Temperature	-40℃ TO +85℃											
Storage Temperature	-40℃ TO +100℃											

Lead Soldering Temperature 260°C For 5 Seconds(2.0mm From Body)

文件編號: QW0905-LVX13733B

版本: F

生效日期: 27 - Nov - 2002