



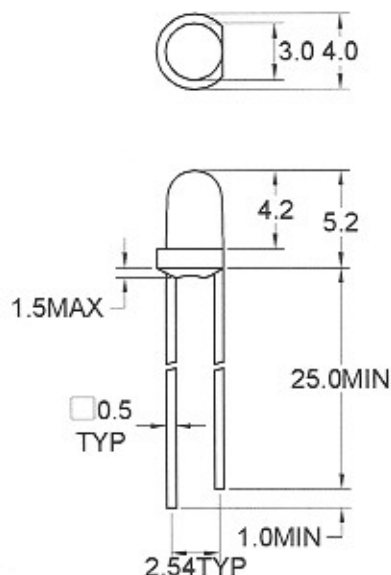
LIGITEK

SUPER BRIGHT ROUND TYPE LED LAMPS

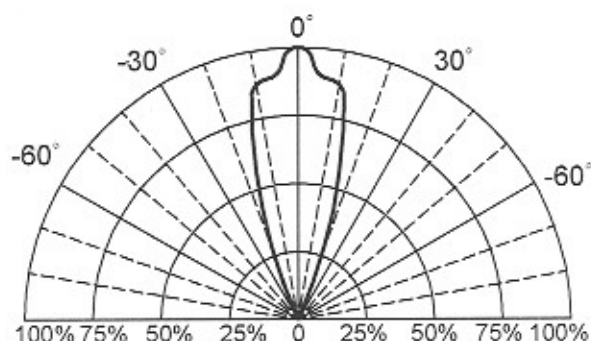
LVX2041

SERIES

Package Dimension



Directivity Radiation



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

• 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 θ 1/2 (deg)
		Emitted	Lens				Min.	Max.	Min.	Typ.	
LSR2041	GaAlAs	Red	Red Transparent	660	---	20	1.5	2.4	120	220	30
LHR2041	GaAlAs	Red	Red Transparent	660	---	20	1.5	2.4	220	350	30
LVG2041	GaP	Green	Green Transparent	565	---	30	1.7	2.6	120	220	30
LVY2041	AlGaInP	Yellow	Yellow Transparent	---	595	15	1.7	2.6	300	450	30

• Absolute Maximun Rating (Ta=25°C)

PARAMETER	RED				GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	HR				VG		VY					
Forward Current	30	30				30		30				mA	
Peak Forward Current Duty 1/10@10KHz	100	100				120		60				mA	
Power Dissipation	100					100	75					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)