



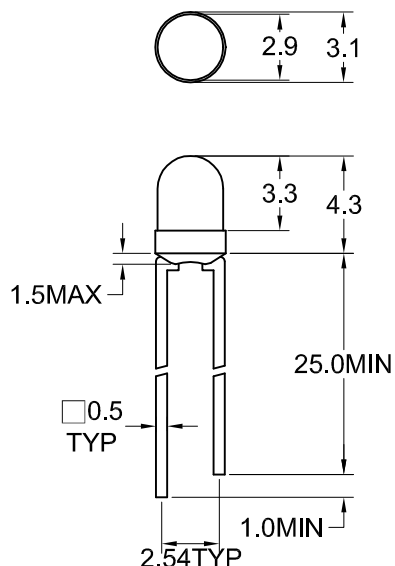
LIGITEK

SUPER BRIGHT ROUND TYPE LED LAMPS

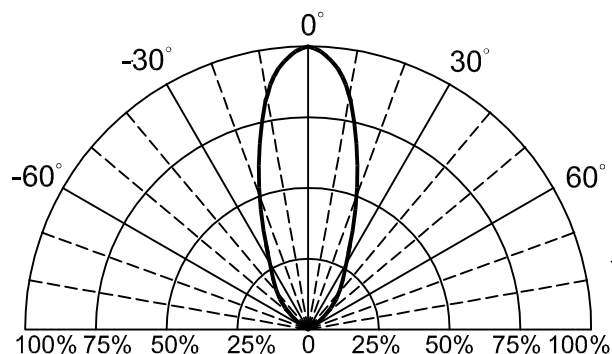
LVX2643-1

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 $\Delta \lambda \text{ nm}$	Forward voltage @20mA(v)		Luminous intensity @20mA(mcd)		Viewing angle $2\theta / 1/2$ (deg)
		Emitted	Lens				Min.	Max.	Min.	Typ.	
LSR2643-1	GaAlAs	Red	Water Clear	660	---	20	1.5	2.4	65	120	40
LHR2643-1	GaAlAs	Red	Water Clear	660	---	20	1.5	2.4	120	300	40
LUR2643-1	GaAlAs	Red	Water Clear	660	---	20	1.5	2.4	350	550	40
LVG2643-1	GaP	Green	Water Clear	565	---	30	1.7	2.6	65	120	40
LVY2643-1	AlGaInP	Yellow	Water Clear	---	595	15	1.7	2.6	160	350	40
LUY2643-1	AlGaInP	Yellow	Water Clear	---	595	15	1.7	2.6	550	900	40

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

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	HR	UR	VG		VY		UY				
Forward Current	30	30	40	30		30		50			mA	
Peak Forward Current Duty 1/10@10KHz	100	100	120	120		60		90			mA	
Power Dissipation	100		120	100		75		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-LVX2643-1

版本: B

生效日期: 26 - Dec - 2002