



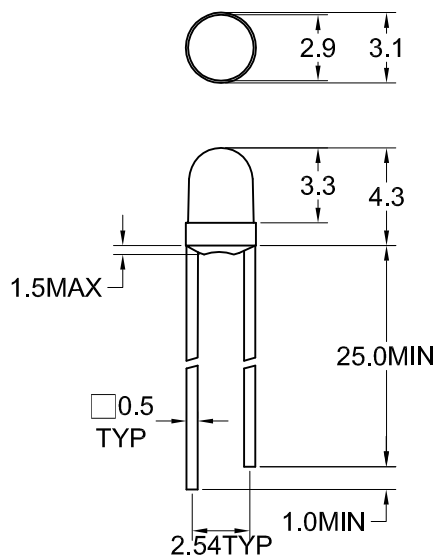
LIGITEK

SUPER BRIGHT ROUND TYPE LED LAMPS

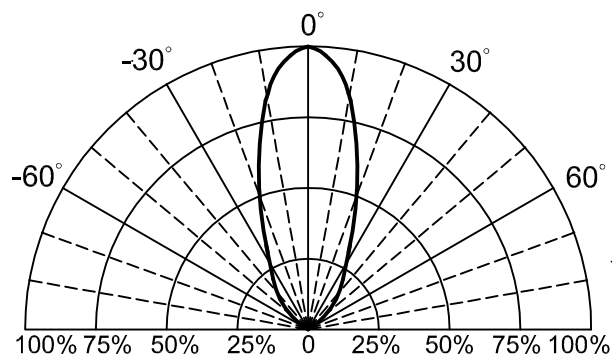
LVX2643

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		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.	
LURF2643	AlGaInP	Red	Water Clear	630	20	1.5	2.4	350	550	40
LVY2643	AlGaInP	Yellow	Water Clear	595	15	1.7	2.6	160	350	40
LHY2643	AlGaInP	Yellow	Water Clear	595	15	1.7	2.6	300	550	40
LUY2643	AlGaInP	Yellow	Water Clear	595	15	1.7	2.6	550	900	40
LHE2643	AlGaInP	Orange	Water Clear	620	17	1.7	2.6	350	700	40
LUE2643	AlGaInP	Orange	Water Clear	620	17	1.7	2.6	450	900	40

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

PARAMETER	RED		GREEN		YELLOW			ORANGE		UNIT	REMARK
		URF			VY	HY	UY	UE	HE		
Forward Current		50			30	30	50	50	30	mA	
Peak Forward Current Duty 1/10@10KHz		130			60	60	90	90	60	mA	
Power Dissipation		120			75	120	120	75		mW	
Reverse Current @5v	10				10			10		μA	
Operating Temperature	-40°C TO +85°C										
Storage Temperature	-40°C TO +100°C										

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

DOC. NO : QW0905-LVX2643A

REV. : C

DATE : 27 - Nov - 2003