

Distributed by:



www.Jameco.com ♦ 1-800-831-4242

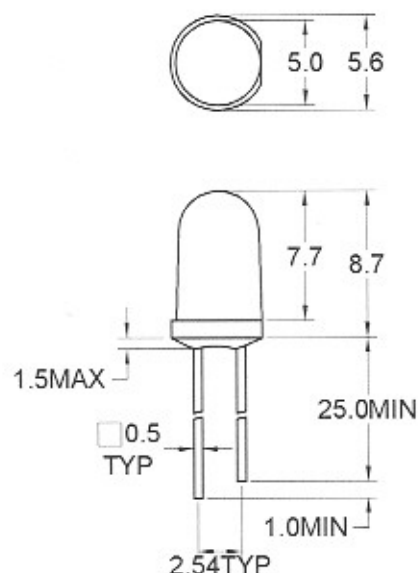
The content and copyrights of the attached material are the property of its owner.

**LIGITEK**

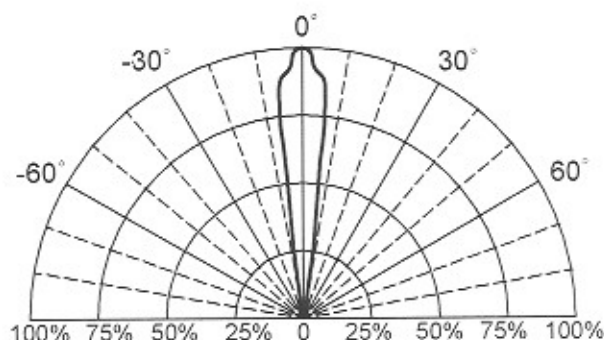
SUPER BRIGHT ROUND TYPE LED LAMPS

LVX3833H**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 $\Delta \lambda \text{ nm}$	Forward voltage @20mA(v)		Luminous intensity @20mA(mcd)		Viewing angle $2\theta \ 1/2$ (deg)
		Emitted	Lens			Min.	Max.	Min.	Typ.	
LUR3833H	AlGaInP/GaP	Red	Water Clear	630	20	1.7	2.6	4000	7700	12
LUY3833H	AlGaInP/GaP	Yellow	Water Clear	590	20	1.7	2.6	2700	5000	12

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED			GREEN		YELLOW			ORANGE			UNIT	REMARK	
			UR(H)				UY(H)							
Forward Current			50				50					mA		
Peak Forward Current Duty 1/10@10KHz			100				100					mA		
Power Dissipation	130					130						mW		
Reverse Current @5v	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)