

LIGITEK

744 980

From: Fanchen, J.

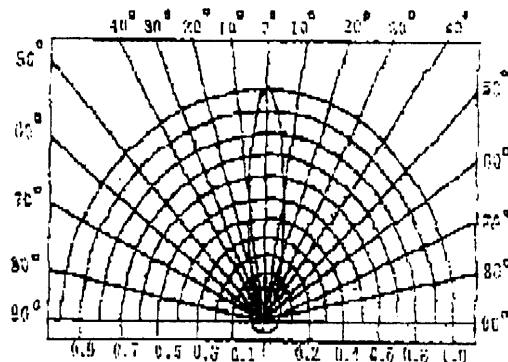
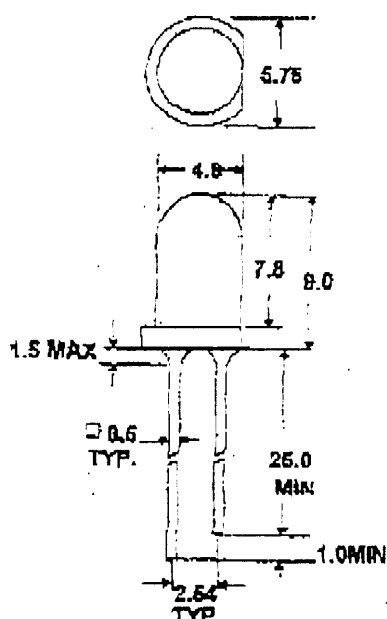
SUPER BRIGHT ROUND TYPE LED LAMPS

LVX13233

SERIES

Package Dimension

Radiation



Note: 1. All Dimension Are in Millimeter Tolerance is  $\pm 0.25\text{mm}$   
2. Protruded Resin Under Flange is 1.5mm Max.

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

PART NO	MATERIAL	COLOR		peak wave length $\lambda_{Pnm}$	spectral halfwidth $\Delta\lambda \text{ nm}$	forward voltage @20mA(V)		luminous intensity @20mA(mcd)		viewing angle 2 $\theta$ 1/2 (deg)
		Emitted	Len's			Min	Max	Min	Typ.	
LSR13233	GaAlAs	Red	Water Clear	660	20	1.5	2.4	450	720	18
LHR13233	GaAlAs	Red	Water Clear	660	20	1.5	2.4	700	1200	18
LUR13233	GaAlAs	Red	Water Clear	660	20	1.5	2.4	1100	2400	18
LVG13233	GaP	Green	Water Clear	565	30	1.7	2.8	350	600	18
LVY13233	GaAsP/GaP	Yellow	Water Clear	585	35	1.7	2.8	160	360	18
LHE13233	AlGaInP	Orange	Water Clear	620	17	1.7	2.8	700	1200	18

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

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK	
	SR	HR	UR	VG	G	VY	Y	UY	HE	E			
Forward Current	40	40	40	30	30	20	20	70	70	30	mA		
Peak Current Duty 1/10 @1Khz	200	200	200	120	120	80	80	200	200	120	mA		
Power Dissipation	80			100		60			140		140	mW	
Reverse Current @5V	100			100		100			100		μA		
Operating Temperature	-40°C TO +85°C												
Storage Temperature	-40°C TO +100°C												

發行  
立基電子  
CCC

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

文件編號: QW0905-LVX13233B

版本: A

生效日期: 08.May.1998

