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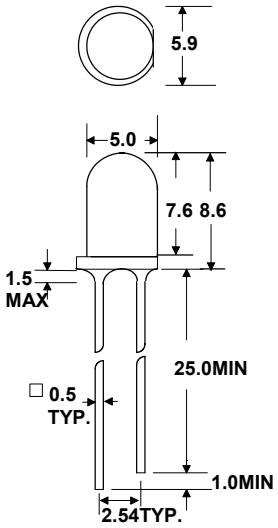
LIGITEK

HIGH PERFORMANCE "TS" LED LAMPS

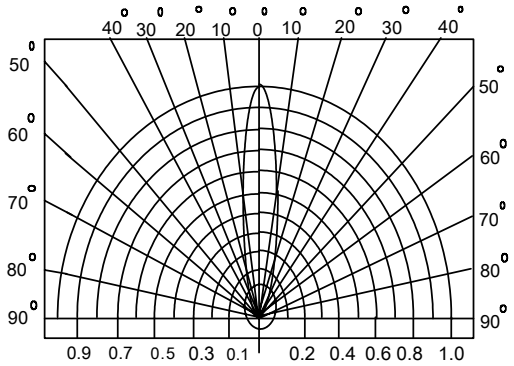
LVX3333H *series*

Package Dimensions



note:1. All dimension are in millimeters tolerance is ±0.25mm
2. Protruded resin under flange is 1.5mm max

Typical Radiation



• Part selection and electro-optical Characteristics (ratings@ Ta=25^{0}C)

PART NO	MATERIAL	COLOUR		Dominant wave length	spectral halfwidth	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Lens*	λd nm	Δλ nm	*Min*	*Max*	*Min*	*Max*	
LUR3333H	AlGaInP/GaP	Red	Water Clear	629	20	1.7	2.8	6,200	17,000	20
LUY3333H	AlGaInP/GaP	Yellow	Water Clear	590	20	1.7	2.8	5,000	11,500	20

• Absolute maximum ratings (Ta=25^{0}C)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
			UR					*UY*				
Forward current			40					50			mA	
Peak current duty 1/10 @1khz			200					200			mA	
Power dissipation	130					130					mW	
Reverse current @5v	10					10					uA	
Operating Temp	-40^{0}C TO +85^{0}C											
Storage Temp	-40^{0}C TO +100^{0}C											

Lead soldering temperature 260^{0}C for 5 seconds (2.0mm from body)

Specifications may be subject to change without notice