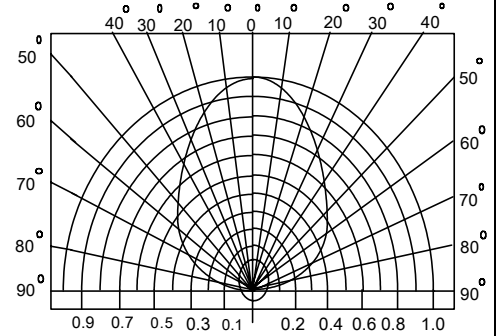
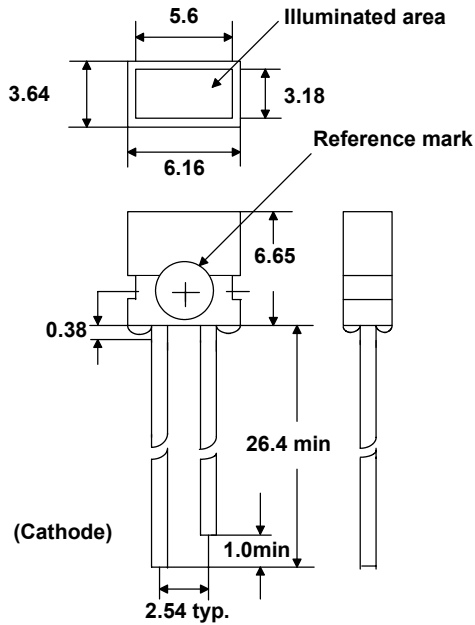


**RECTANGLE TYPE LED LAMPS**

**LX25030 series**

*Package Dimensions*

*Typical 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 electro-optical characteristics (Ratings @Ta=25°C)**

PART NO	MATERIAL	COLOUR		peak wave length $\lambda_{Pnm}$	spectral halfwidth $\Delta\lambda$ nm	forward voltage @20mA(v)		luminous intensity @10mA(mcd)		viewing angle 2 $\theta$ 1/2 (deg)
		Emitted	Lens			Min	Max	Min	Typ	
LSR25030	AlGaAs	Super Red	Red diffused	660	20	1.5	2.4	15	28	120
LG25030	GaP	Green	Green diffused	565	30	1.7	2.8	3.1	5.2	120
LY25030	GaAsP/GaP	Yellow	Yellow diffused	585	35	1.7	2.8	3.1	5.2	120
LE25030	GaAsP/GaP	Orange	Orange diffused	635	45	1.7	2.8	3.1	5.2	120
LI25030	GaAsP/GaP	Hi-Eff Red	Red diffused	630	45	1.7	2.6	3.1	5.2	120

**• Absolute maximum ratings (Ta=25°C)**

PARAMETER	RED			GREEN		YELLOW		ORANGE		UNIT	REMARK
	SR	I	H	G	Y	I	E				
Forward current	40	30	15	30	20	30	30	mA			
Peak current duty 1/10 @1khz	200	120	60	120	80	120	120	mA			
Power dissipation	100		40	100	60	100		mW			
Reverse current @5v	10			10	10	10		$\mu\text{A}$			
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)

Specifications may be subject to change without notice