



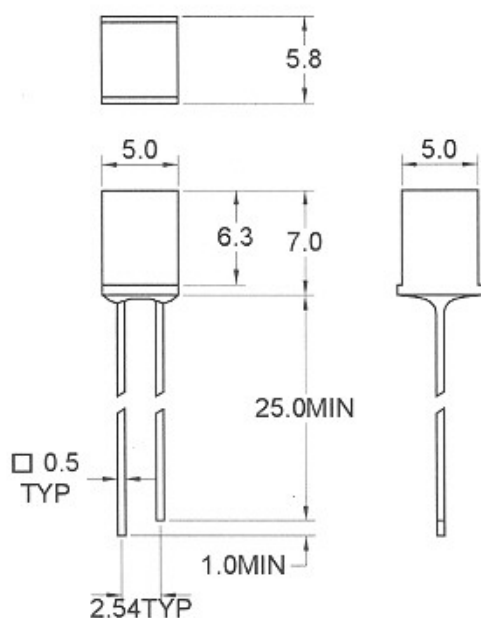
LIGITEK

RECTANGLE TYPE LED LAMPS

LX5830

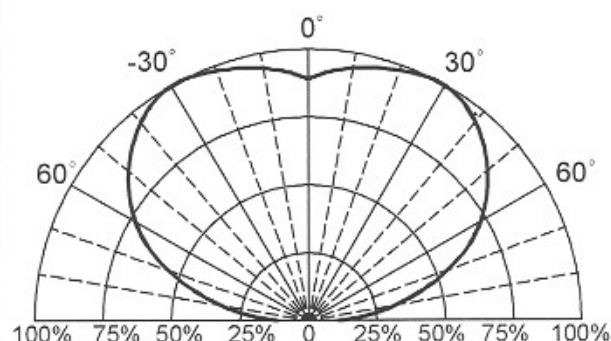
SERIES

Package Dimension



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.

Directivity Radiation



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

PART NO	MATERIAL	COLOR		Peak wave length λ_{Pnm}	Spectral halfwidth $\Delta \lambda \text{ nm}$	Forward voltage @20mA(v)		Luminous intensity @10mA(mcd)		Viewing angle $2\theta \pm 1/2$ (deg)
		Emitted	Lens			Min.	Max.	Min.	Typ.	
LH5830	GaP	Red	Red Diffused	697	90	1.7	2.6	0.8	1.2	110
LG5830	GaP	Green	Green Diffused	565	30	1.7	2.6	3.0	4.5	110
LY5830	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.6	1.8	3.3	110
LE5830	GaAsP/GaP	Orange	Orange Diffused	635	45	1.7	2.6	1.8	4.2	110
LI5830	GaAsP/GaP	Orange	Red Diffused	635	45	1.7	2.6	1.8	4.2	110

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

PARAMETER	RED		GREEN		YELLOW		ORANGE		UNIT	REMARK
		H		G		Y		E		
Forward Current		15		30		20		30	30	mA
Peak Forward Current Duty 1/10@10KHz		60		120		80		120	120	mA
Power Dissipation		40		100		60		100		mW
Reverse Current @5v	10		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)

文件編號: QW0905-LX5830

版本: B

生效日期: 21 - Nov - 2002