



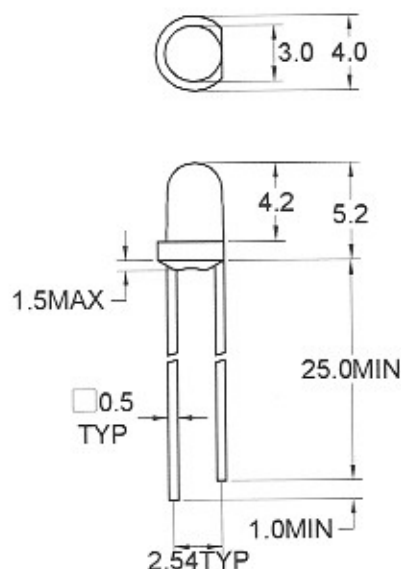
LIGITEK

ROUND TYPE LED LAMPS

LX2040

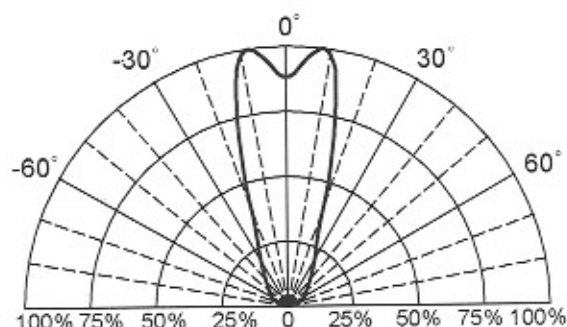
SERIES

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 $\Delta \lambda$ nm	Forward voltage @20mA(v)		Luminous intensity @10mA(mcd)		Viewing angle 2 θ 1/2 (deg)
		Emitted	Lens			Min.	Max.	Min.	Typ.	
LR2040	GaP	Red	Red Diffused	655	40	1.5	2.0	0.8	1.5	36
LH2040	GaP	Red	Red Diffused	697	90	1.7	2.6	3.0	4.5	36
LG2040	GaP	Green	Green Diffused	565	30	1.7	2.6	12	30	36
LY2040	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.6	8.0	20	36
LE2040	GaAsP/GaP	Orange	Orange Diffused	635	45	1.7	2.6	12	20	36
LI2040	GaAsP/GaP	Orange	Red Diffused	635	45	1.7	2.6	12	20	36

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	R		H		G		Y		I	E		
Forward Current	40		15		30		20		30	30	mA	
Peak Forward Current Duty 1/10@10KHz	130		60		120		80		120	120	mA	
Power Dissipation	120		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-LX2040

版本: B

生效日期: 02 - Oct - 2002