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# Jameco Part Number 34657

**LIGITEK**

ROUND TYPE LED LAMPS		LX2040		SERIES						
<b>Package Dimension</b> 				<b>Radiation</b> 						
Note: All dimension are in millimeter tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.										
<b>Part Selection And Application Information ( Ratings At 25°C Ambient)</b>										
PART NO	MATERIAL	COLOR		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	Len's			Min	Max	Min	Typ.	
LR2040	GaAsP	Red	Red Diffused	655	40	1.5	2.0	0.9	1.5	50
LH2040	GaP	Red	Red Diffused	697	90	1.7	2.8	2.5	4.5	50
LG2040	GaP	Green	Green Diffused	565	30	1.7	2.8	10	18	50
LY2040	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	9.0	15	50
LE2040	GaAsP/GaP	Orange	Orange Diffused	635	45	1.7	2.8	9.0	15	50
LI2040	GaAsP/GaP	Orange	Red Diffused	630	45	1.7	2.8	9.0	15	50
<b>Absolute Maximum Rating (Ta=25°C)</b>										
PARAMETER	RED		GREEN	YELLOW	ORANGE	UNIT	REMARK			
	R	H	G	Y	I			E		
Forward Current	40	15	30	20	30	30	mA			
Peak Current Duty 1/10 @1Khz	200	60	120	80	120	120	mA			
Power Dissipation	80	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)										
文件編號: QW0905-LX2040			版本: A		生效日期: Jun. 7. 1996					