

# Jameco Part Number 138691

**LIGITEK**

SUPER BRIGHT ROUND TYPE LED LAMPS		LVX3330		SERIES						
<i>Package Dimension</i>				<i>Radiation</i>						
<p>Note: All dimension are in millimeter tolerance is <math>\pm 0.25\text{mm}</math> unless otherwise noted.</p>										
<b>• Part Selection And Application Information ( Ratings At 25°C Ambient )</b>										
PART NO	MATERIAL	COLOR		peak wave length $\lambda_p$ nm	spectral halfwidth $\Delta\lambda$ nm	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2 $\theta$ 1/2 (deg)
		Emitted	Len's			Min	Max	Min	Typ.	
LVY3330	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	32	50	36
LSE3330	AlGaInP	Orange	Orange Diffused	610	15	1.7	2.8	20	35	36
LVB3330	GaN	Blue	Blue Diffused	430	65	4.0	5.5	6.0	10	36
<b>• Absolute Maximum Rating (Ta=25°C)</b>										
PARAMETER	BLUE		GREEN	YELLOW		ORANGE		UNIT	REMARK	
		VB			VY		SE			
Forward Current		30		20		30		mA		
Peak Current Duty 1/10 @1Khz		100		80		120		mA		
Power Dissipation	100			60		100		mW		
Reverse Current @5V	10			10		10		$\mu\text{A}$		
Operating Temperature	-20°C TO +80°C			-40°C TO +85°C						
Storage Temperature	-30°C TO +100°C			-40°C TO +100°C						
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)										
文件編號: QW0905-LVX3330			版本: C			生效日期: Jun . 7 . 1997				