

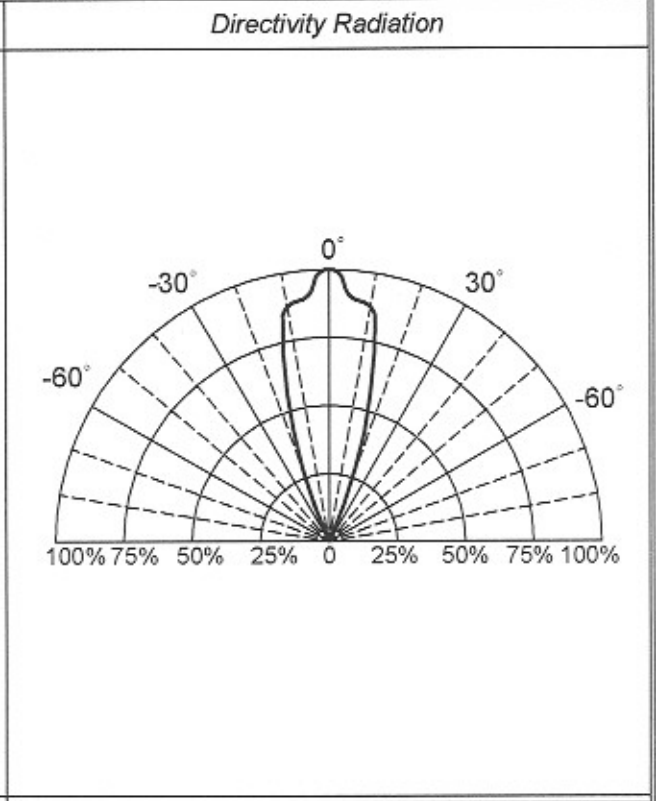
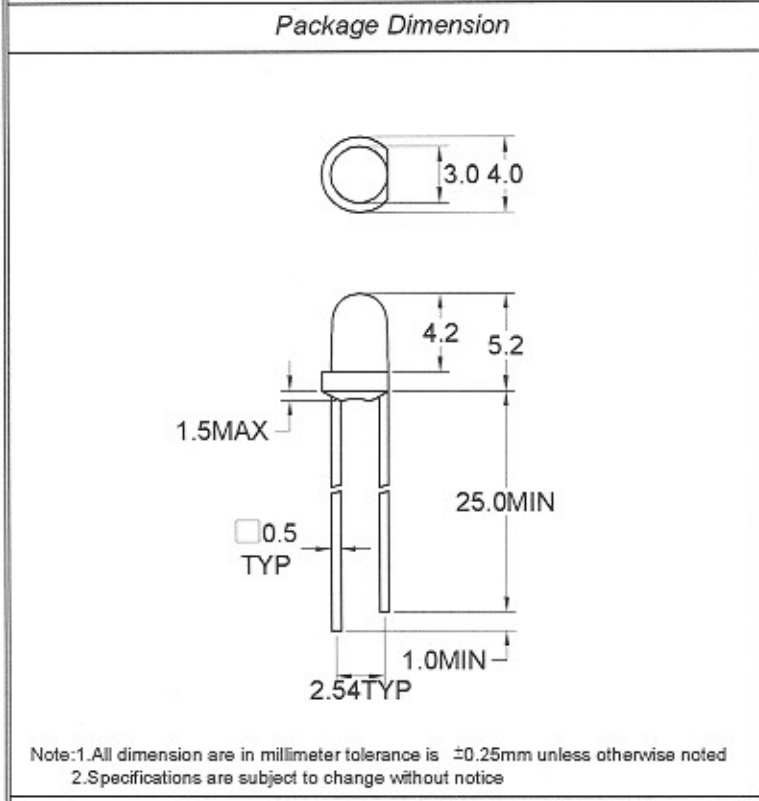


LIGITEK

Jameco Part Number 206480 (LVY2041)

JAMECO ValuePro
 ✓Awesome Prices
 ✓Consistent Quality
 ✓Professional Grade
 ✓Backed by Jameco

SUPER BRIGHT ROUND TYPE LED LAMPS **LVX2041** SERIES



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

PART NO	MATERIAL	COLOR		Peak wave length λ_{Pnm}	Dominant wave length λ_{Dnm}	Spectral halfwidth $\Delta \lambda_{nm}$	Forward voltage @20mA(v)		Luminous intensity @20mA(mcd)		Viewing angle $2\theta_{1/2}$ (deg)
		Emitted	Lens				Min.	Max.	Min.	Typ.	
LSR2041	GaAlAs	Red	Red Transparent	660	---	20	1.5	2.4	120	220	30
LHR2041	GaAlAs	Red	Red Transparent	660	---	20	1.5	2.4	220	350	30
LVG2041	GaP	Green	Green Transparent	565	---	30	1.7	2.6	120	220	30
LVY2041	AlGaInP	Yellow	Yellow Transparent	---	595	15	1.7	2.6	300	450	30

• Absolute Maximun Rating (Ta=25°C)

PARAMETER	RED		GREEN	YELLOW		ORANGE	UNIT	REMARK
	SR	HR	VG	VY				
Forward Current	30	30	30	30			mA	
Peak Forward Current Duty 1/10@10KHz	100	100	120	60			mA	
Power Dissipation	100		100	75			mW	
Reverse Current @5v	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)