

T-1 3/4 (5mm) SOLID STATE LAMP

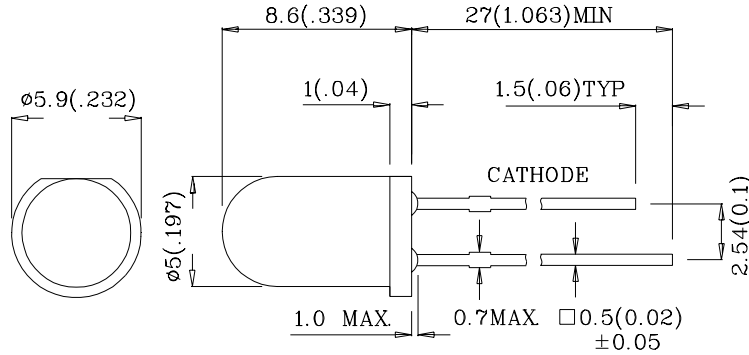


SUN LED

XLUR53D12V

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Notes:

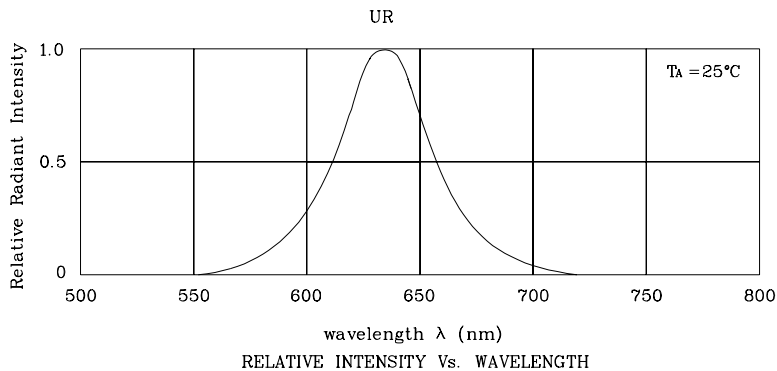
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.

Absolute maximum ratings ($T_A=25^\circ\text{C}$)		UR (GaAsP/GaP)	Unit
Reverse voltage	V_R	5	V
Forward voltage	V_F	14	V
Power dissipation	P_T	120	mW
Operating temperature	T_A	-40 ~ +70	°C
Storage temperature	T_{stg}	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics ($T_A=25^\circ\text{C}$)		UR (GaAsP/GaP)	Unit
Forward current (typ.) ($V_F=12\text{V}$)	I_F	8.5	mA
Forward current (max.) ($V_F=12\text{V}$)	I_F	11.5	mA
Reverse current ($V_R=5\text{V}$)	I_R	10	uA
Wavelength at peak emission ($V_F=12\text{V}$)	λ_{peak}	627	nm
Wavelength at Dominant emission ($V_F=12\text{V}$)	λ_D	625	nm
Spectral Line half-width ($V_F=12\text{V}$)	$\Delta\lambda$	45	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($V=12\text{V}$) mcd		Wavelength nm λ_P	Viewing Angle $2\theta/2$
				min.	typ.		
XLUR53D12V	Red	GaAsP/GaP	Red Diffused	12	29	627	60°

XLUR53D12V



❖UR

