

T-1 (3mm) SOLID STATE LAMP

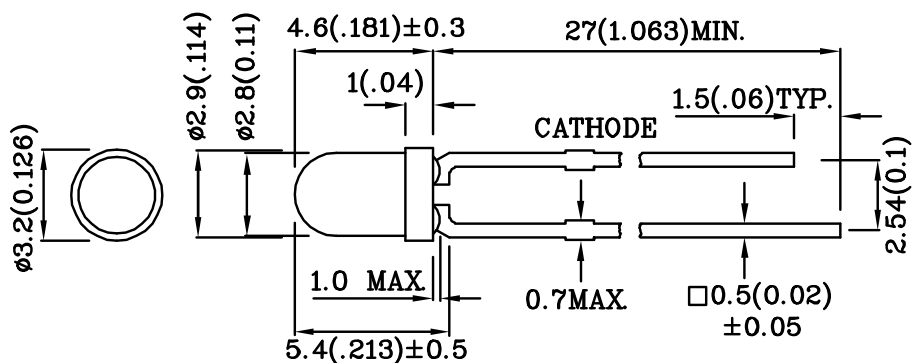


SUN LED

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XLUR32D12V



Notes:

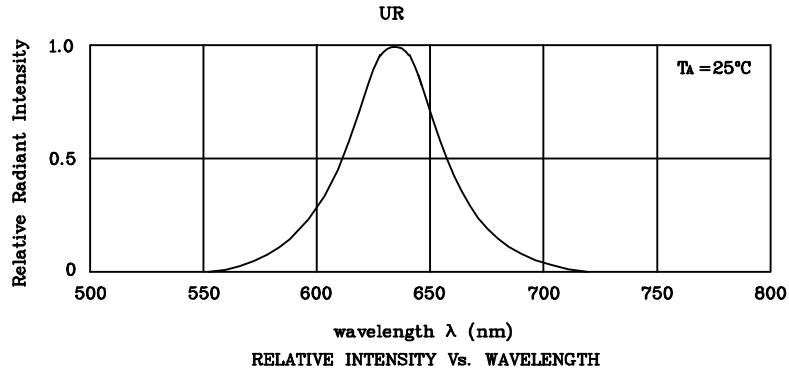
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.

Absolute maximum ratings (TA=25°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 (TA=25°C)		UR (GaAsP/ GaP)	Unit
Forward current (typ.) (V _F =12V)	I _F	8.5	mA
Forward current (max.) (V _F =12V)	I _F	11.5	mA
Reverse current (V _R =5V)	I _R	10	uA
Wavelength at peak emission (V _F =12V)	λ peak	627	nm
Wavelength at Dominate emission (V _F =12V)	λ D	625	nm
Spectral Line half-width (V _F =12V)	Δλ	45	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (V= 12V) mcd		Wavelength nm λ P	Viewing Angle 2 θ 1/2
				min.	typ.		
XLUR32D12V	Red	GaAsP/GaP	Red Diffused	8	19	627	60°

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❖ **UR**

