

10mm BAYONET BASED LED LAMP

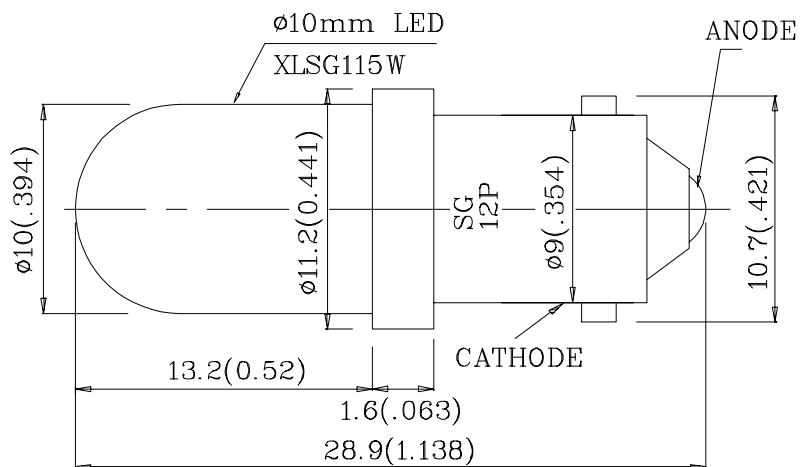
XYSG101W12V



SUN LED

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Notes:

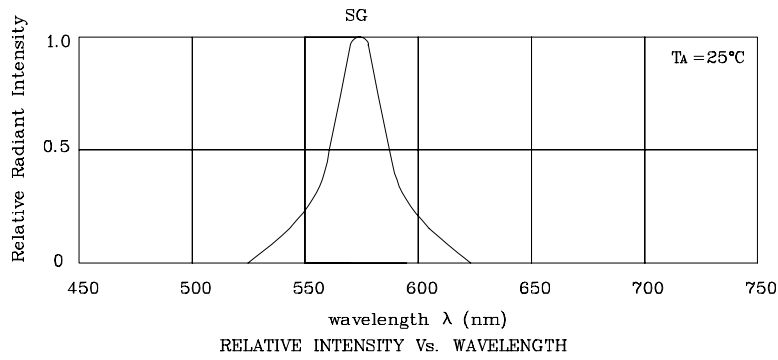
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.

Absolute maximum ratings (T _A =25°C)		SG (InGaAlP)	Unit
Reverse voltage	V _R	5	V
Forward voltage	V _F	14	V
Power dissipation	P _T	250	mW
Operating temperature	T _A	-40 ~ +70	°C
Storage temperature	T _{stg}	-40 ~ +85	

Operating Characteristics (T _A =25°C)		SG (InGaAlP)	Unit
Forward current (typ.) (V _F =12V)	I _F	21	mA
Reverse current (V _R =5V)	I _R	10	uA
Wavelength at peak emission (V _F =12V)	λ _{peak}	574	nm
Wavelength at Dominant emission (V _F =12V)	λ _D	568	nm
Spectral Line half-width (V _F =12V)	Δλ	26	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (V=12V) mcd		Wavelength nm λ _P	Viewing Angle 2θ1/2
				min.	typ.		
XYSG101W12V	Green	InGaAlP	Water Clear	350	790	574	20°

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◆SG

