

10mm BAYONET BASED LED LAMP

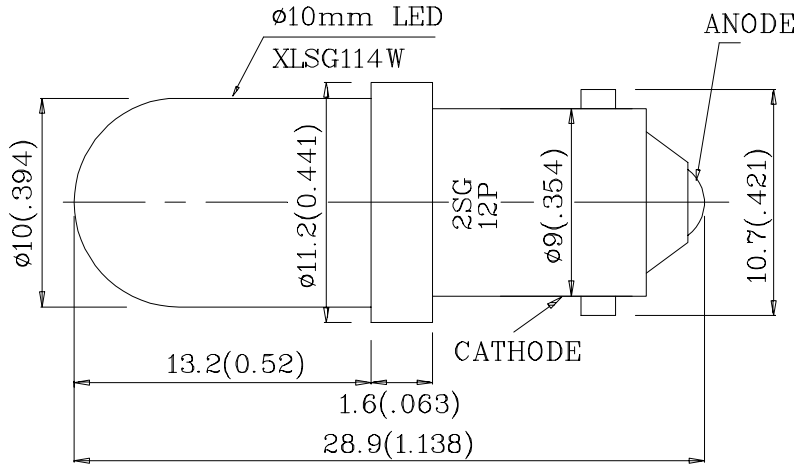


SUN LED

XYSG102W12V

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Notes:

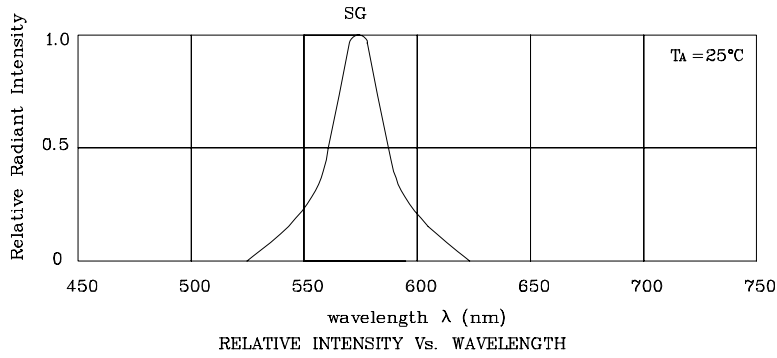
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25 (0.01)$ unless otherwise noted.

Absolute maximum ratings ($T_A=25^\circ\text{C}$)		SG (InGaAlP)	Unit
Reverse voltage	V_R	5	V
Forward voltage	V_F	14	V
Power dissipation	P_T	360	mW
Operating temperature	T_A	-40 ~ +70	°C
Storage temperature	T_{stg}	-40 ~ +85	

Operating Characteristics ($T_A=25^\circ\text{C}$)		SG (InGaAlP)	Unit
Forward current (typ.) ($V_F=12\text{V}$)	I_F	24	mA
Reverse current ($V_R=5\text{V}$)	I_R	10	μA
Wavelength at peak emission ($V_F=12\text{V}$)	λ_{peak}	574	nm
Wavelength at Dominant emission ($V_F=12\text{V}$)	λ_D	568	nm
Spectral Line half-width ($V_F=12\text{V}$)	$\Delta\lambda$	26	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($V=12\text{V}$) mcd		Wavelength nm λ_P	Viewing Angle $2\theta_{1/2}$
				min.	typ.		
XYSG102W12V	Green	InGaAlP	Water Clear	350	790	574	40°

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◆SG

