



SUNLED

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20793 E. VALLEY BLVD. #C

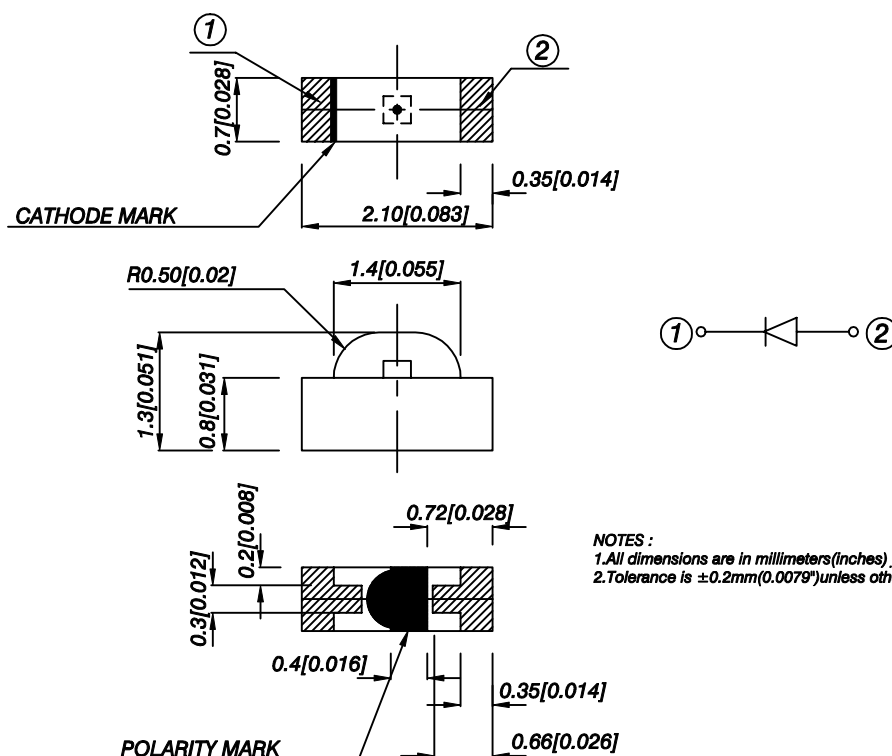
WALNUT, CA. 91789, U.S.A.

E-MAIL : sales@sunled.com

URL ADDRESS : http://www.sunled.com

ZBB65W

2.1X0.7mm RIGHT ANGLE SURFACE LED



Absolute maximum ratings ($T_A=25^\circ\text{C}$)		Blue (InGaN)	Unit
Reverse voltage	V_R	5	V
Forward current	I_F	30	mA
Forward current (peak) 1/10 Duty cycle 0.1 ms Pulse Width	I_{FS}	100	mA
Operating temperature	T_A	-40~+85	$^\circ\text{C}$
Storage temperature	T_{stg}		

Operating characteristics ($T_A=25^\circ\text{C}$)	Blue (InGaN)	Unit
Forward voltage(typ.) V_F ($I_F=20\text{mA}$)	3.5	V
Forward voltage(max.) V_F ($I_F=20\text{mA}$)	4.0	V
Reverse current I_R ($V_R=5\text{V}$)	10	μA
Wavelength at peak emission λ_p ($I_F=20\text{mA}$)	470	nm
Spectral line half-width $\Delta\lambda$ ($I_F=20\text{mA}$)	26	nm

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($I_F=20\text{mA}$) mcd min. typ.		Wavelength (nm)	Viewing Angle 2 $\odot$ 1/2
ZBB65W	blue	InGaN	water clear	30	45	470	120 $^\circ$