



SUNLED

SUNLED CORPORATION

20793 E. VALLEY BLVD. #C

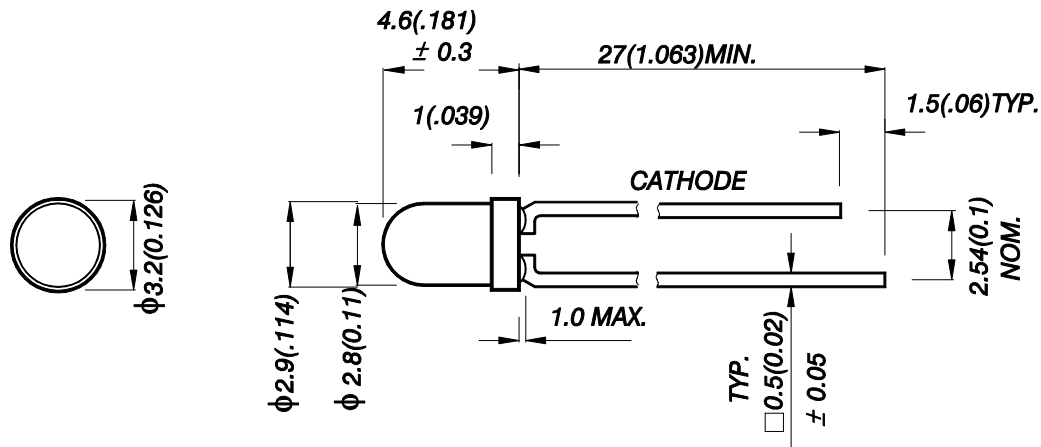
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LBB11W/K

3mm Round LED Lamps



NOTES :

1. All dimensions are in millimeters (inches)

2. Tolerance is $\pm 0.25\text{mm}$ (0.01") unless otherwise noted.

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 ($I_F=20\text{mA}$)	468	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. max.	Wavelength (nm)	Viewing Angle
LBB11W/K	blue	InGaN	water clear	110 320	468	34°