

### FEATURE:

- SUPER LUMINOSITY BLUE LED (*InGaN/SiC*)
- WHITE DIFFUSED PACKAGE
- 5mm ALL RESIN MOLD.
- WIDE VIEWING ANGLE
- UV RESISTENT EPOXY.

### ABSOLUTE MAXIMUM RATING: Ta = 25

- POWER DISSIPATION..... 108 mW
- PEAK FORWARD CURRENT..... 100 mA
- CONTINUOUS FORWARD CURRENT..... 30 mA
- DERATING FACTOR ..... 0.40 mA/
- REVERSE VOLTAGE..... 5 V
- OPERATING TEMPERATURE..... - 25 TO + 85
- STORAGE TEMPERATURE..... - 35 TO + 100
- SOLDERING TEMPERATURE..... 260 / 5sec

Note: Duty Ratio = 1/16 , Pulse Width = 0.1ms

### ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	I <sub>F</sub> = 20 mA	V <sub>F</sub>		3.2	3.6	V
Luminous Intensity	I <sub>F</sub> = 20 mA	I <sub>v</sub>	140	200	400	mcd
Dominant Wavelength	I <sub>F</sub> = 20 mA	λ <sub>d</sub>		470		nm
Spectrum Radiation Bandwidth	I <sub>F</sub> = 20 mA	Δλ		20		nm
Reverse Current	V <sub>R</sub> = 5 V	I <sub>R</sub>			10	μA
Viewing Angle		2θ 1/2		100		deg

### OUTLINE DIMENSIONS

Unit (mm)

Tolerance (±0.25)

