

FEATURE:

- SUPER LUMINOSITY BLUE LED(InGaN).
- COLOR DIFFUSION PACKAGE.
- 5 m/m T-1 3/4 ALL ROUND RESIN MOLD.
- WIDE VIEWING ANGLE.
- UV RESISTENT EPOXY FOR OUTDOOR USE.

ABSOLUTE MAXIMUM RATING: Ta = 25

- POWER DISSIPATION ----- 120 mW
- PEAK FORWARD CURRENT ----- 100 mA
- CONTINUOUS FORWARD CURRENT ----- 30 mA
- DERATING FACTOR ----- 40 mA/
- REVERSE VOLTAGE----- 5 V
- OPERATING TEMPERATURE ----- - 25 TO + 85
- STORAGE TEMPERATURE----- - 35 TO + 100
- SOLDERING TEMPERATURE----- 260 / 5sec
- OPERATING HUMIDITY----- — 90%

Note: Duty Ratio = 1/10 , Pulse Width = 0.1ms

ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	IF= 20 mA	V _F		3.6	4.0	V
Luminous Intensity	IF= 20 mA	I _V	520		1900	mcd
Domain Emission Wavelength	IF= 20 mA	λ _d		470		nm
Spectrum Radiation Bandwidth	IF= 20 mA	Δλ		45		nm
Reverse Current	VR= 5 V	I _R			50	μA
Viewing Angle		2θ _{1/2}		40		deg

OUTLINE DIMENSIONS Unit (mm)

Tolerance (±0.25)

