

Model: L-5T2CBG-D3

30 Degree 5mm LED Lamp in Bluish Green Color with Water Transparent Lens and No Stopper

Dice Material:

InGaN

Applications:

- Advertising Signs
- Indicators
- Traffic

Absolute Maximum Ratings at Ta = 25°C

Items	Symbol	Absolute maximum Rating	Unit
Forward Current	I _F	25	mA
Peak Forward Current*	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	105	mW
Operation Temperature	T _{opr}	-20 ~ +75	°C
Storage Temperature	T _{stg}	-30 ~ +80	°C
Lead Soldering Temperature	T _{sol}	Max.260°C for 3 sec Max. (3mm from the base of the epoxy bulb)	

*pulse width <=0.1msec duty <=1/10

Typical Electrical & Optical Characteristics (Ta = 25°C)

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F = 20mA	---	3.2	4.2	V
Reverse Current	I _R	V _R = 5V	---	---	100	μA
Dominant Wavelength	λ _D	I _F = 20mA	500	505	510	nm
Luminous Intensity	I _V	I _F = 20mA	3000	4800	---	mcd
50% Power Angle	2θ _½	I _F = 20mA	---	30	---	deg

Ranks Combination (I_F = 20mA)

Rank	T	U	V
Luminous Intensity	3000-4180 mcd	4180-5860 mcd	5860-8200 mcd

Rank	X4	X5
Dominant Wavelength	500-505 nm	505-510 nm

Rank	V9	V10	V11	V12	V13
Voltage	3.2-3.4V	3.4-3.6V	3.6-3.8V	3.8-4.0V	4.0-4.2V

Dimension Drawing

