



YETDA INDUSTRY LTD.

5mm Blue Super Bright LED Lamps S500TB1D-C

- 5mm with InGaN dice ◦
- Encapsulated with Blue diffused lens package ◦
- Long Leads ◦

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-50°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf		3.2	3.8	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	400	600		mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		35		nm
Wavelength	If = 20mA	λ_p				nm
		λ_d	465	470	475	nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		80		deg

Package

Item: 500

