



YETDA INDUSTRY LTD.

5mm Bullet White Super Bright LED Lamps S502TW4G

- 5 mm Bullet with InGaN dice ◦
- Encapsulated with Water Clear Lens package ◦
- Long Leads ◦

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20°C to +80°C	
Storage Temperature Range	-40°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	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	I _F = 20mA	V _F		3.2	3.8	V
Reverse Current	V _R = 5V	I _R			10	uA
Luminous Intensity	I _F = 20mA	I _v		12000		mcd
CIE (White)	I _F = 20mA	X		0.29		
		Y		0.30		
Viewing Angle	I _F = 20mA	2θ 1/2		10		deg

Please refer to CIE1931 Chromaticity Coordinate diagram

Item: 502

