



# YETDA INDUSTRY LTD.

## 3mm White LED Lamps S300TW2G

- 3 mm with Super Bright InGaN Dice ◦
- Encapsulated with Milky Diffused Package ◦
- Long Leads ◦

### Absolute Maximum Ratings : ( Ta=25°C )

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	PD	100	mw
Reverse Voltage	VR	5	V
Average Forward Current	LAF	30	mA
Peak Forward Current (Duty=0.1,10KHZ)	IPF	200	mA
Opertating Temperature Range	TOPR	-20°C to +80 °C	
Storage Temperature Range	TSTG	-40°C to +100 °C	
Lead Soldering Temperature {1.6mm(0.063inch) From Body} 260°C For 3 Seconds			

### 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		3500		mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$				nm
Wavelength	If = 20mA	X		0.29		
		Y		0.30		
Half View Angle	If = 20mA	2 $\theta$ 1/2		80		deg

Please refer to CIE1931 Chromaticity Coordinate diagram  
Package

Item: 300

