

3mm Warm White Super Bright LED Lamps S300TWW4G-S-4500K

- 3 mm with Super Bright InGaN dice
- Encapsulated with Water Clear Color package

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20°C to + 75°C	
Storage Temperature Range	-40°C + 100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm (0.063 inch) from body	

Electro-Optical Characteristics $T_a = 25^\circ\text{C}$

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	$I_f = 20\text{mA}$	V_f	2.8	3.2	3.6	V
Reverse Current	$V_r = 5\text{V}$	I_r			10	μA
Luminous Intensity	$I_f = 20\text{mA}$	I_v		5000		mcd
Spectral Bandwidth	$I_f = 20\text{mA}$	$\Delta\lambda$		35		nm
Color Temperature	$I_f = 20\text{mA}$			4500		Kelvin
Half View Angle	$I_f = 20\text{mA}$	$2\theta_{1/2}$		30		deg

Please refer to CIE 1931 chromaticity diagram

Package

Item: 300

