

5mm White LED Lamps S500TW4G-T

- 5 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 5 seconds	

Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf	2.8	3.6	4.5	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	12000		15000	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		35		nm
Wavelength	If = 20mA	X		0.31		CIE
		Y		0.31		CIE
Half View Angle	If = 20mA	2 θ 1/2		20		deg

Please refer to CIE 1931 chromaticity diagram

Package

Item: 500

