

# S810TW4G-T

## 10mm Ultra Bright White LED Lamps

10mm with Ultra Bright 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 + 75°C	
Storage Temperature Range	- 40°C to + 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	2.80	3.60	4.50	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	8000	15000		mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		20		nm
Wavelength	If = 20mA	X		0.28		CIE
		Y		0.28		CIE
Half View Angle	If = 20mA	2 $\theta$ 1/2		30		deg

### Package

Item: (10mm) 810

