

S800TG4D-C

8mm Super Bright Pure-green LED Lamps

8mm with InGaN Pure-green 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		3.60	3.80	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	3600	4500		med
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		20		nm
Wavelength	If = 20mA	λ_p		525		nm
		λ_d		520	530	nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		30		deg

Package

