

8mm White Ultra-bright White LED Lamps S800TW4G-U

- * 8mm with white ultra-bright dice.
- * Encapsulated with water clear color package.
- * Three long leads (one for heat sink function).
- * High current 60mA.
- * ESD & class 3.

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	60	mA
Operating Temperature Range	-20 to + 75	
Storage Temperature Range	-40 + 100	
Lead Soldering Temperature	260 for 5 seconds	

Electro-Optical Characteristics (Ta = 25)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf	3.30	3.60	4.00	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv		10000	12000	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		35		nm
Wavelength	If = 20mA	λ_p		0.31		nm
		λ_d		0.32		nm
Half View Angle	If = 20mA	2 θ 1/2		40		deg

Package

單位：
(mm)

