

5mm Blue Ultra Bright LED Lamps

S500TB4D-H

- 5 mm with Ultra Bright Blue dice ◦
- Encapsulated with Water Clear Lens package ◦
- * Two 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 + 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	3.6	4.50	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv		9500		mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		35		nm
Wavelength	If = 20mA	λ_p				nm
		λ_d		470		nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		45		deg

Package

Item: 500

