



YETDA INDUSTRY LTD.

**8mm Blue Led Lamps
S800QNB4P**

- 8mm with Ultra Blue Light ◦
- Encapsulated with Water Clear Package ◦
- Long Leads ◦

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	450	mA
Continuous Forward Current	200	mA
Operating Temperature Range	-20°C to +75°C	
Storage Temperature Range	-40°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 150mA	Vf	3.0		3.6	V
Reverse Current	Vr = 5V	Ir			30	uA
Luminous Intensity	If = 150mA	Iv	5lm		8m	lm
Spectral Bandwidth	If = 150mA	$\Delta\lambda$				nm
Wavelength	If = 150mA	Δp		470		nm
		Δp				nm
Half View Angle	If = 150mA	2 θ 1/2		70		deg

Package

Item:800P

