



YETDA INDUSTRY LTD.

**8mm Red Led Lamps  
S800QNH4P**

- 8mm with Ultra Red 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	2.2		2.5	V
Reverse Current	Vr = 5V	Ir			30	uA
Luminous Intensity	If = 150mA	Iv	5lm		15lm	lm
Spectral Bandwidth	If = 150mA	$\Delta\lambda$				nm
Wavelength	If = 150mA	$\Delta p$		625		nm
		$\Delta p$				nm
Half View Angle	If = 150mA	2 $\theta$ 1/2		70		deg

**Package**

Item:800P

