



YETDA INDUSTRY LTD.

## 5mm Red Super Bright LED Lamps with wide angle Q500ICH4DF

5mm with AlGaInP dice ◦

Encapsulated with water clear package ◦

Long Leads ◦

Wide angle

### Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-50°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 = 20mA	Vf	1.6	1.9	2.4	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	1500		2000	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		16		nm
Wavelength	If = 20mA	$\lambda_p$				nm
		$\lambda_d$	620	625	630	nm
View Angle	If = 20mA	2 $\theta$ 1/2		60		deg

### Package

Item: 500

