



YETDA INDUSTRY LTD.

**10mm Blue And 12V Resister LED LAMP  
810TBCR4H-12V**

10mm with Blue Dice And 12 V Resister ◦  
Encapsulated with Water Clear Color Package ◦  
Long 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 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		12		V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv	1500	2000	3000	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		35		nm
Wavelength	If = 20mA	$\lambda_p$	460	470	475	nm
		$\lambda_d$				nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		30		deg

**Package**

Item: (10mm) 810

