



YETDA INDUSTRY LTD.

**10mm Hi Bright Full Color LED Lamps
810RGB2E-CA**

10 mm with Red and Pure Green and Blue Dice ◦

Encapsulated with Milky color Package

Long Leads ◦

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)

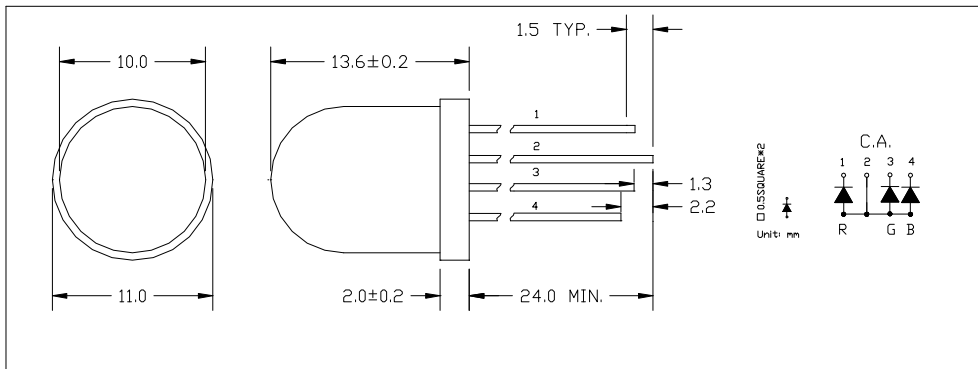
Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit	
Forward Voltage	If = 20mA	R	1.80		2.5	V	
		G	3.0		3.6		
		B	3.0		3.6		
Reverse Current	Vr = 5V	Ir			10	uA	
Luminous Flux	If = 20mA	R		1000		mcd	
		G		700			
		B		900			
Wavelength	If = 20mA	λ_p				nm	
		λ_d	R	620		630	nm
			G	514		526	
			B	460		476	
Half View Angle	If = 20mA	2 $\theta_{1/2}$		60		deg	



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Package

Item: (10mm) 810



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