





## **Electrical Optical Characteristics at Ta=25**

Parameter	Symbol	Color	Min.	Тур.	Max.	Unit	Test Condition
	Iv	R	35		55	mcd	I <sub>F</sub> =5mA
Luminous Intensity		G	200		260	mcd	I <sub>F</sub> =5mA
		В	45		65	mcd	I <sub>F</sub> =5mA
Viewing Angle	1/2	/		120		Deg.	(Note 2)
Peak Emission Wavelength		R		635		nm	I <sub>F</sub> =5mA
		G		515		nm	I <sub>F</sub> =5mA
		В		465		nm	I <sub>F</sub> =5mA
		R	620		630	nm	I <sub>F</sub> =5mA
Dominant Wavelength		G	520		530	nm	I <sub>F</sub> =5mA
		В	465		475	nm	I <sub>F</sub> =5mA
	Δ	R		15		nm	I <sub>F</sub> =5mA
Spectral Line Half-Width		G		30		nm	I <sub>F</sub> =5mA
		В		30		nm	I <sub>F</sub> =5mA
Forward Voltage	V <sub>F</sub>	R	1.7		2.1	V	I <sub>F</sub> =5mA
		G	2.6		3.2	V	I <sub>F</sub> =5mA
		В	2.6		3.2	V	I <sub>F</sub> =5mA
Reverse Current	I <sub>R</sub>				10	μΑ	V <sub>R</sub> =5V

## Note:

1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. Tolerance of Luminous Intensity:  $\pm 15\%$ .

2.  $_{1/2}$  is the off-axis angle at which the luminous intensity is half the axial luminous intensity.

3.

single wavelength which defines the color of the device. Tolerance of Dominant Wavelength: ±1.0nm.
4. Tolerance of Forward Voltage: ±0.1V.

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## LIGHT ELECTRONICS CO., LTD.



## Label Explanation LIGHT Universal Label Customer Defined Label RoHS Ý ÷ Á -LIGHT RoHS Light Electronics CO., LTD. LOT NO. MODEL NAME: \_\_\_\_ ≣ ľ Η QUANTI TY: BI N: \_\_\_\_ PACKING DATE: **Reel Dimensions** $\overline{\textcircled{}} \oplus \oplus \oplus \oplus$ 3.30 [0.52" Feeding Direction 7.54 [2.27] Lable 178.50 [7.03"] 9.40 [0.37"] **Note:** Tolerance unless mentioned is ±0.2mm; Unit = mm SL-T1010RGBC005-L40 Part No. Page

