







## Electrical Optical Characteristics at Ta=25

Parameter	Symbol	Color	Min.	Typ.	Max.	Unit	Test Condition
		R	35		55	mcd	I <sub>F</sub> =5mA
Luminous Intensity	Iv	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)
		R		635		nm	I <sub>F</sub> =5mA
Peak Emission Wavelength		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
		R		15		nm	I <sub>F</sub> =5mA
Spectral Line Half-Width	Δ	G		30		nm	I <sub>F</sub> =5mA
		В		30		nm	I <sub>F</sub> =5mA
	$V_{\mathrm{F}}$	R	1.7		2.1	V	I <sub>F</sub> =5mA
Forward Voltage		G	2.6		3.2	V	I <sub>F</sub> =5mA
		В	2.6		3.2	V	I <sub>F</sub> =5mA
Reverse Current	$I_R$				10	μΑ	$V_R=5V$

## **Note:**

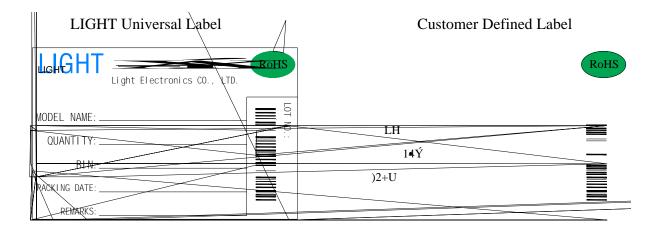
CIE eye-response curve. Tolerance of Luminous Intensity: ±15%.  2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.  3.	1.	Luminous	intensity is	s measured with	a ligh	t sensor and fil	ter combinat	tion that ap	proximates the	e
3.	CIE	eye-respon	ise curve.	Tolerance of Lun	ninous	s Intensity: ±15	5%.			
single wavelength which defines the color of the device. Tolerance of Dominant Wavelength: ±1.0	2.	$_{1/2}$ is the c	off-axis ang	gle at which the l	umin	ous intensity is	half the axi	al luminous	s intensity.	
	3.			)						
4. Tolerance of Forward Voltage: ±0.1V.	sing	gle waveleng	gth which	defines the color	of the	e device. Tolera	ance of Dom	inant Wav	elength: ±1.0n	m.
	4.	Tolerance of	of Forward	l Voltage: ±0.1V.						



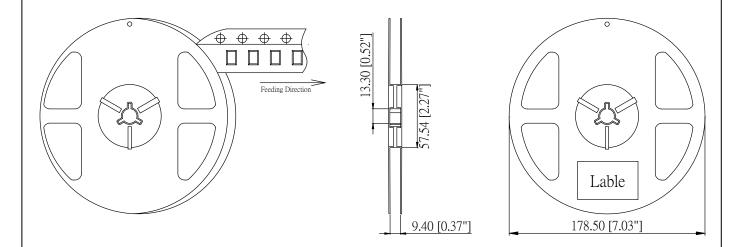




## **Label Explanation**



## **Reel Dimensions**



**Note:** Tolerance unless mentioned is  $\pm 0.2$ mm; Unit = mm

Part No.	SL-T1010RGBC005-L40	Page	6 of 8

