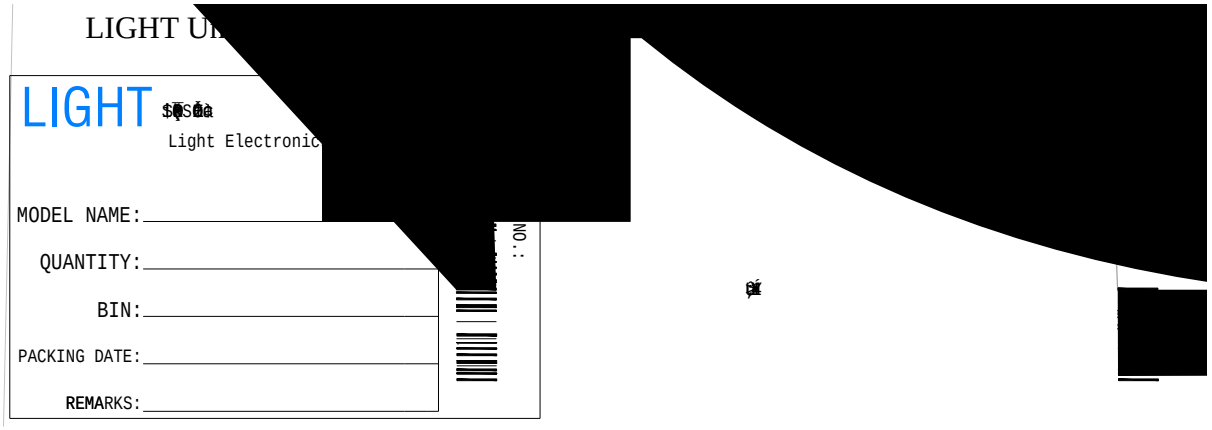
Electrical Optical Characteristics at Ta=25

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

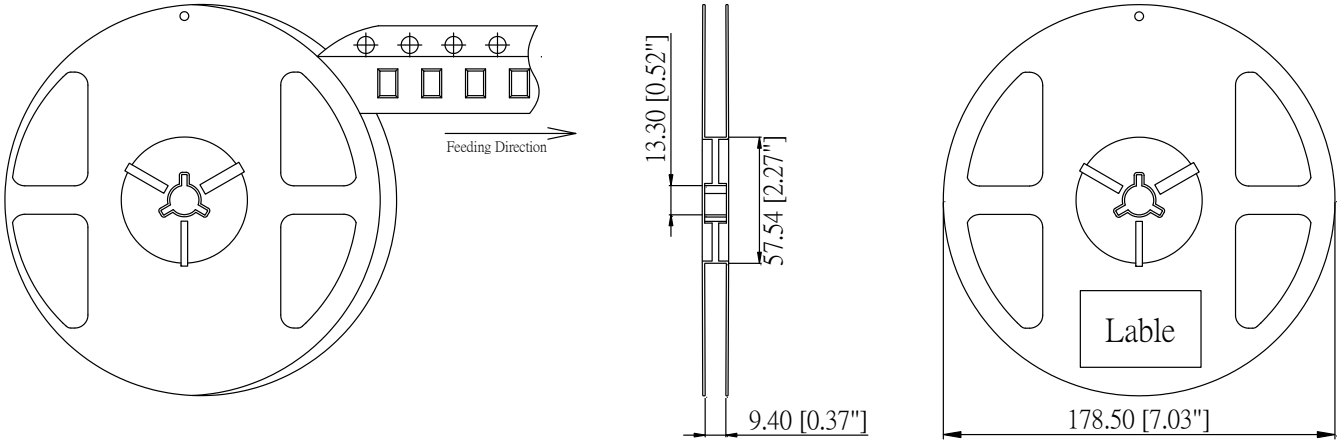
Note:

1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. Tolerance of Luminous Intensity: ±15%.
2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
3. L L . 40 N L N L L L single wavelength which defines the color of the device. Tolerance of Dominant Wavelength: ±1.0nm.
4. Tolerance of Forward Voltage: ±0.1V.

Label Explanation



Reel Dimensions



Note: Tolerance unless mentioned is ±0.2mm; Unit = mm