

SL-T1515IRURC020-L100

DATA SHEET

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Approved By:

Checked By:

Prepared By:



Electrical Optical Characteristics at Ta=25

Parameter	Symbol	Color	Min.	Typ.	Max.	Unit	Test Condition
Radiant Intensity	I _e	Infrared	1.1	1.85	2.6	mW/sr	I _F =20mA
Luminous Intensity	I _v	Red	71	125	185	mcd	I _F =20mA
Viewing Angle	2 _{1/2}	---	---	120	---	Deg.	(Note 2)
Peak Wavelength	p	Infrared	930	940	960	nm	I _F =20mA
		Red	650	660	655	nm	I _F =20mA
Spectral Line Half-Width		Infrared	---	50	---	nm	I _F =20mA
		Red	---	20	---	nm	I _F =20mA
Forward Voltage	V _F	Infrared	1.1	---	1.5	V	I _F =20mA
		Red	1.9	---	2.3	V	I _F =20mA
Reverse Current	I _R	---	---	---	10	μA	V _R =5V

Note:

1. Luminous intensity/ Radiant Intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. Tolerance of Luminous Intensity/Radiant Intensity: ±15%.
2. _{1/2} is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
3. Tolerance of Peak Wavelength: ±1.0nm.
4. Tolerance of Forward Voltage: ±0.1V.

LIGHT

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