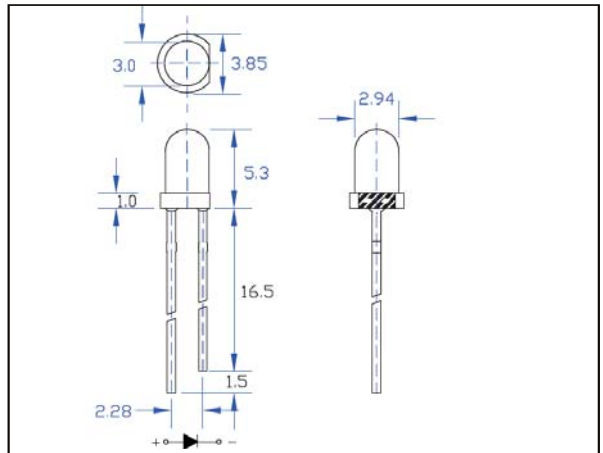


## Light Emitting Diode

### Product Characteristics:

- Ultra Bright Brightness
- 3mm Diameter Circular Shape
- Package General Purpose Lead
- Highly Reliable
- Emitting Color : Green



### MAXIMUM RATINGS AND CHARACTERISTICS

@ 25°C Ambient Temperature (unless otherwise noted)

Parameter	MAX	Unit
Power Dissipation	70	mW
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Operating Temperature Range	-30°C To +85°C	
Storage Temperature Range	-40°C To +100°C	
Lead Soldering Temperature (4mm(0.157")From Body)	260°C for 3 seconds	

### Electrical Specification (TA=25°C unless otherwise specified)

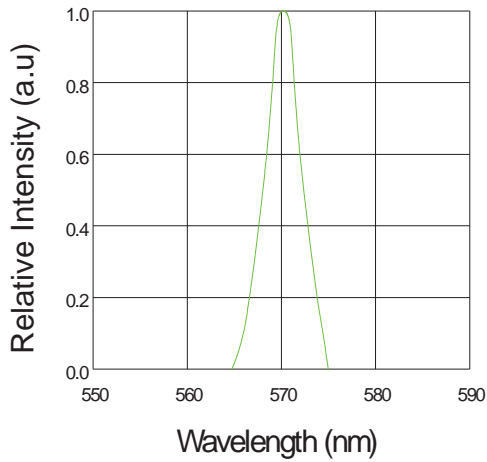
Parameter	Symbol	Min	Typ	Max.	Unit	Test Condition
Luminous Intensity	Iv	50	-----	80	mcd	IF=20mA
Viewing Angle	2θ1/2	-----	30	-----	Deg	IF=20mA
Peak Wavelength	λp	565	-----	575	nm	IF=20mA
Forward Voltage	VF	1.9	-----	2.4	V	IF=20mA
Reverse Current	IR	-----	-----	5	μA	VR=5V

#### Notes:

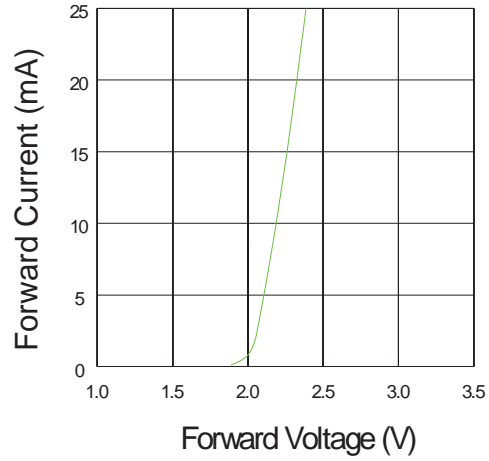
1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. 2θ1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity

# RATINGS AND CHARACTERISTIC CURVES

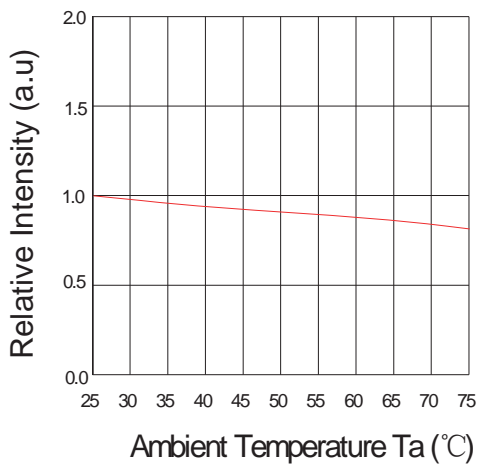
Relative Intensity VS. Wavelength



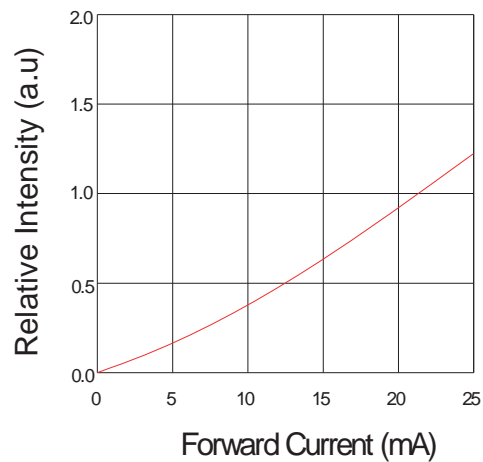
Forward Current VS. Forward Voltage



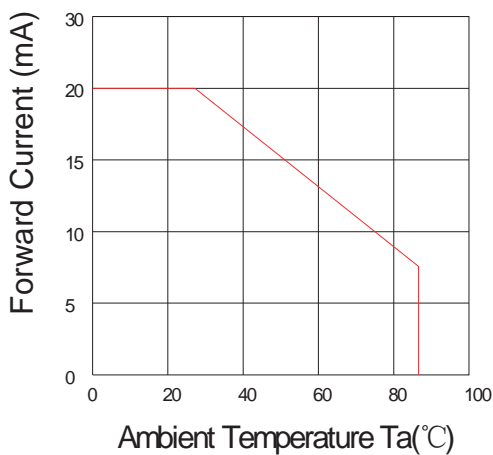
Relative Intensity VS. Ambient Temp



Forward Current VS. Relative Intensity



Forward Current VS. Ambient Temp.



Radiation Characteristics

