nFeatures:

- HIGH EFFICIENCY, LOWPOWER CONSUMPTION LED.
- PEAK WAVELENGTH IS 570nm
- 35 DEGREE VIEW ANGLE

nApplications:

- DIRECT LIGHT ONLY

Dics Material	Light Color	Lens Color
Gap	Green	Green Diffused

Absolute Ratings **(Ta=25°C)**

Item	Symbol	Maximum	Unit
Power Dissipation	P_D	80	mW
Continuous Forward Current	I_F	20	mA
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Derating Linear Form 25**°C**		0.21	MA/**°C**
Operating temperature Range	Topr	-25 to +100	**°C**
Storage Temperature Range	Tstg	-40 to +100	**°C**

****Condition for IFP is pulse of 1/10 duty and 0.1 msec width.**

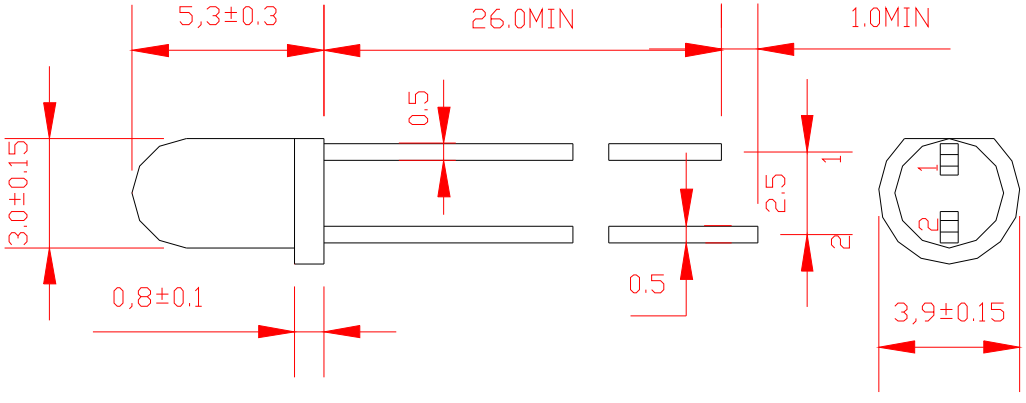
****Solder temperature 1.6mm from body for 5 seconds at 250°C±5°C**

CHARACTERISITIC **(Ta=25°C)**

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	IF=20mA		2.30	2.65	V
Reverse Current	I_R	VR=5V		0.1	50	uA
Peak Emission Wavelength	λ_P	IF=20mA		570		nm
Viewing Angle	$2\theta_{1/2}$	IF=20mA		35		Deg
Luminous Intensity	I_V	IF=20mA	10	20		mcd

u **Package Dimensions (Unit: mm)**

1. Cathode
2. Anode



u Typical Optical-Electrical Characteristic Curves

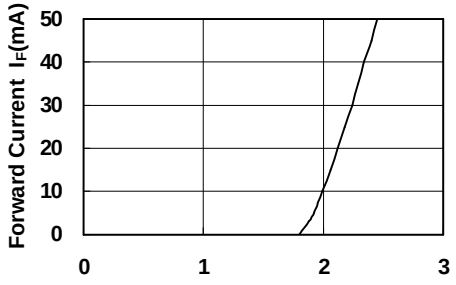


FIG1. FORWARD CURRENT VS. FORWARD VOLTAGE

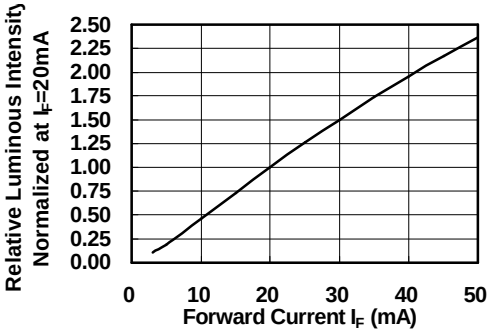


FIG2. RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT

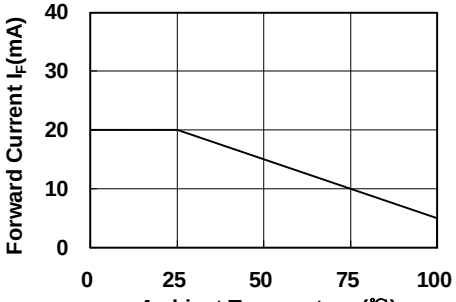


FIG3. FORWARD CURRENT VS. AMBLENT TEMPERATURE

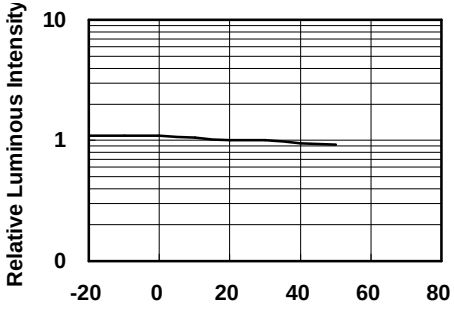
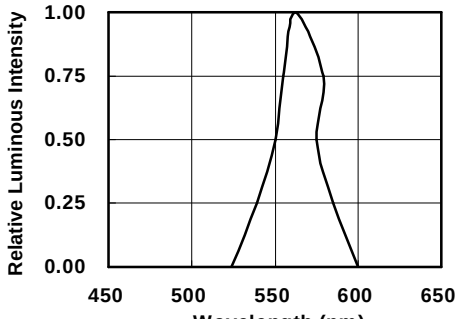


FIG4. LUMINOUS INTENSITY VS. AMUBIENT TEMPERATURE



RELATIVE INTENSITY LUMINOUS VS. WAVELENGTH

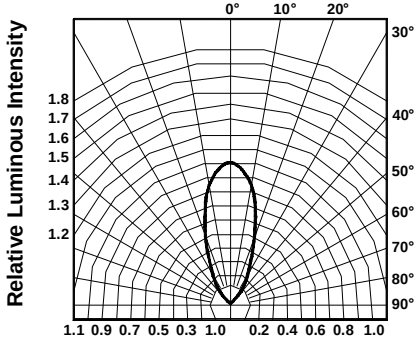


FIG6. SPATIAL DISTRIBUTION