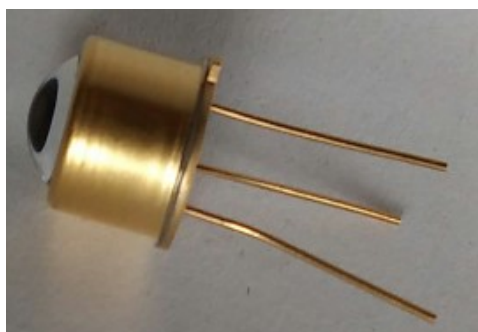




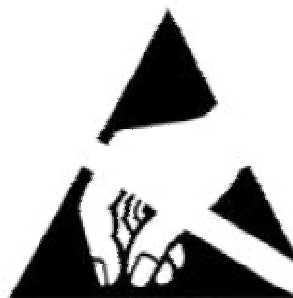
Greenergy Lighting Co., Limited

No.29,Xiangzui Rd,Xueshi St,Yuelu Dist,Changsha,410208, China
Web: www.lvlamp.com Email: lednail@163.com sale1@lvlamp.com

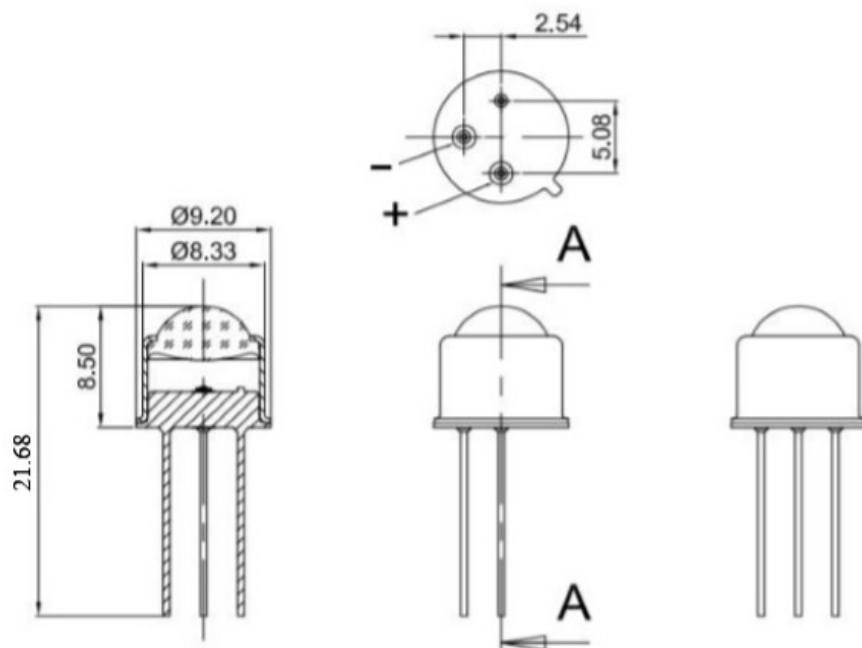
Tel:86-731-84823478 M: 86-18908492447



TAENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES



Outline Dimensions(Unit:mm)



Note: Product picture & dimensions are for reference only. Detailed information is in accordance with the final product.

1, Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC forward current	IF	100	mA
Power dissipation	PD	960	mW
Operating temperature	Topr	"-40~+60	°C
Storage temperature	Ystg	-40~+80	°C
Reverse voltage	VR	5	V
Sold soldering temperature	Tsol	260°C/3Sec	---

Plus with Max 10ms,duty ratio max1/10

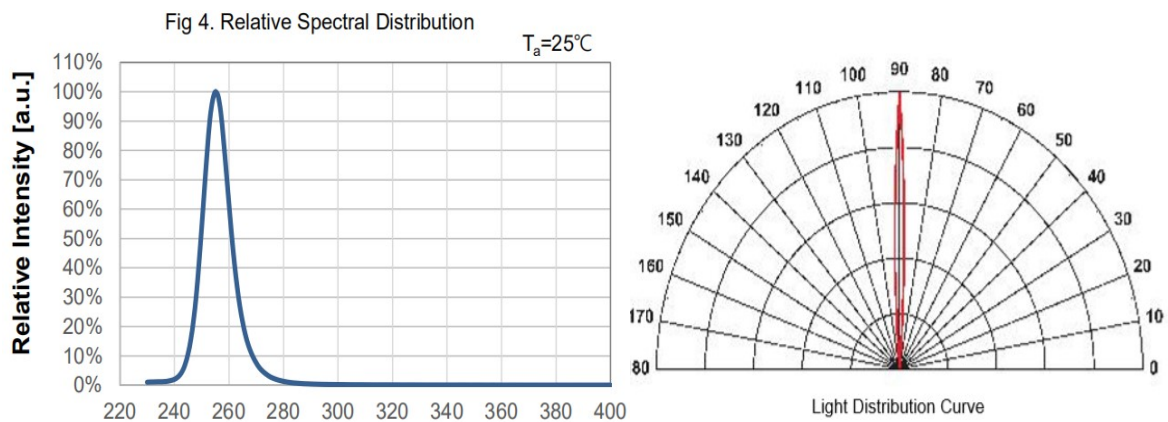
2 , Initial Electrical/Optical Characteristics (Ta=25°C)

Item	Symbol	condition	Min	Type	Max	Unit
DC forward Voltage	VF	I=100mA	5	6.5	8	V
DC reverse Current	IR	V=5V	----	----	5	μ A
Wavelength	WD	I=100mA	250	255	260	Nm
FWHM(nm)	$\Delta \lambda$	I=100mA	----	8	----	Nm
Output Power Pout(mW)	IV	I=100mA	1	1.5	2	mW
50%Power Angle	$2\theta_{1/2}$	I=100mA	----	7	----	deg

3, Typical Electrical & Optical Characteristics at TA = 25° C

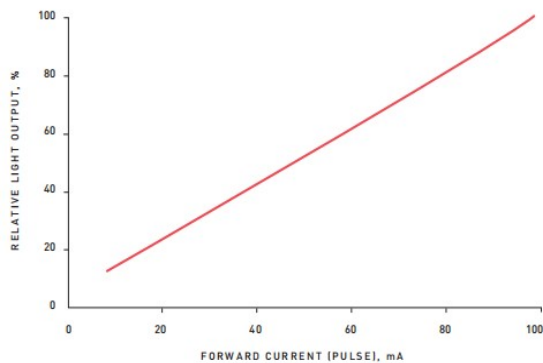
Wavelength h (nm)	Part No.	Dimension (mm)	Optical Output PowerPo[mW] IF /100mA		VoltageVF[V]		Viewing Angle2 θ %[°]
			min	max	min	max	
255nm±5	GL255-T039H	T039	1	2	5	8	7

4, Optical Characteristics (T=25° C, IF=100mA)



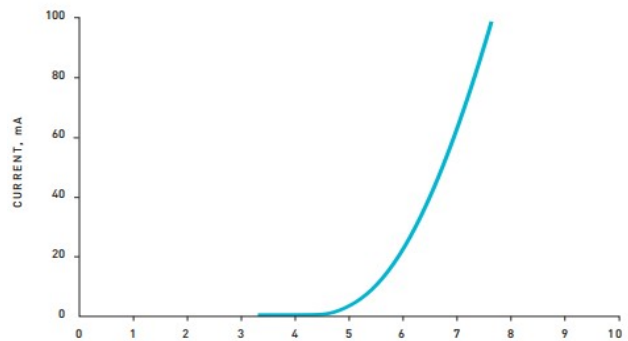
5. Electrical Characteristics (T=25° C, IF= 100mA)

LIGHT OUTPUT OVER CURRENT



Test Conditions: Case temperature (T_c) = 25 °C

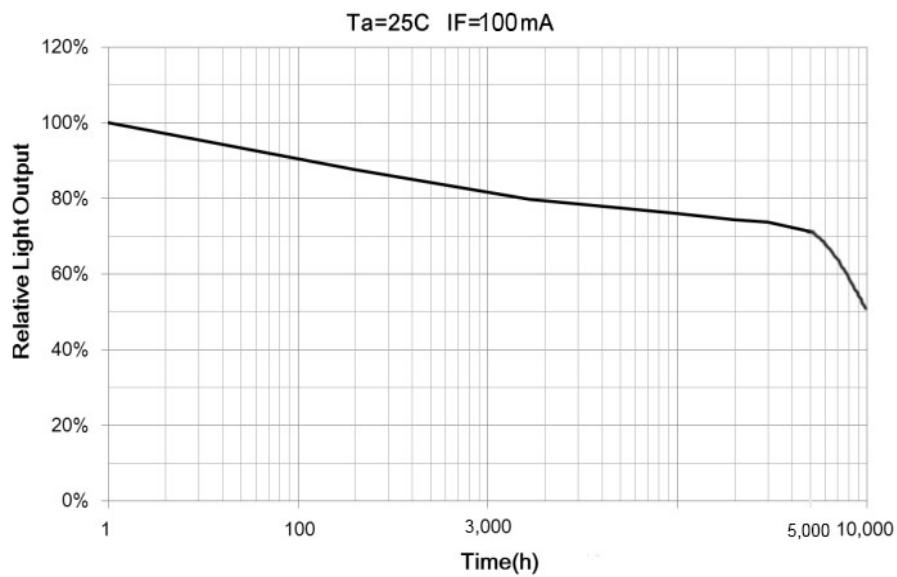
ELECTRICAL CHARACTERISTICS



Test Conditions: I (Pulsed mode) = 1 to 100 mA; Case Temperature (T_c) = 25 °C

6. Life Testing (T=25° C, IF= 100mA)

Life Expectancy Data



Features:

- ☐ Physical sterilization process : High Sterilizing Rate
- ☐ Low energy consumption
- ☐ Long service life

Other Remarks

1. Do not touch the surface of the led, in case to affect the normal emitting.
2. Make sure the right positive and negative pole.
3. Do not watch closely, it is harmful to your eyes.