

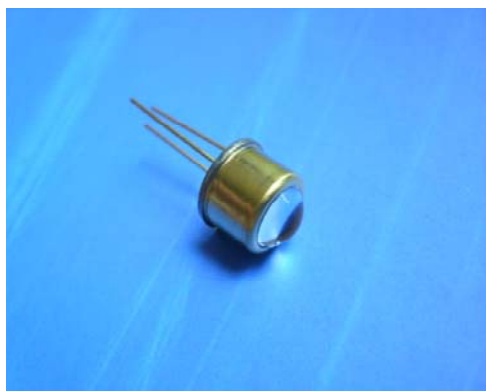


Greenergy Lighting Co., Limited

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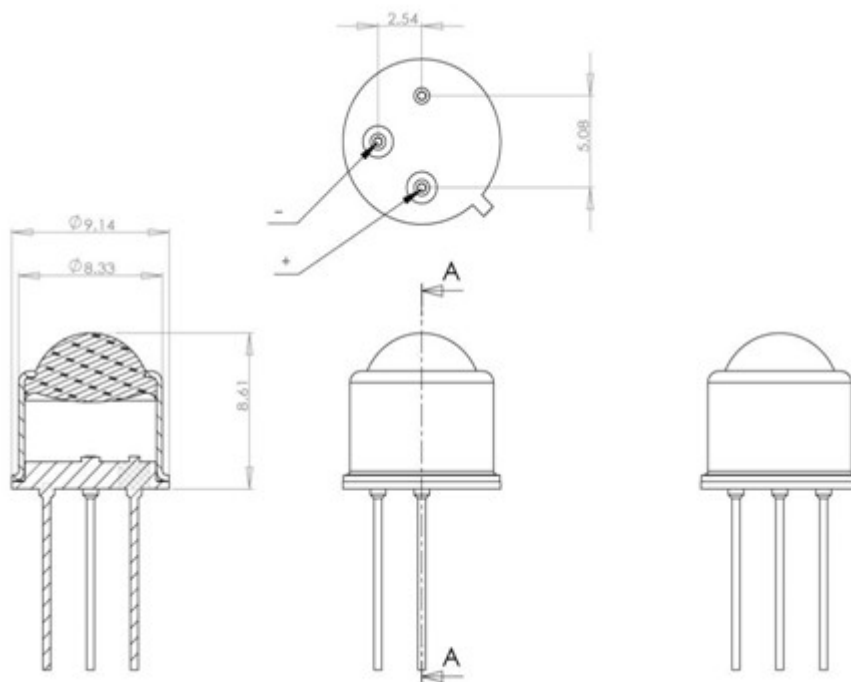
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CAUTION

OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES



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

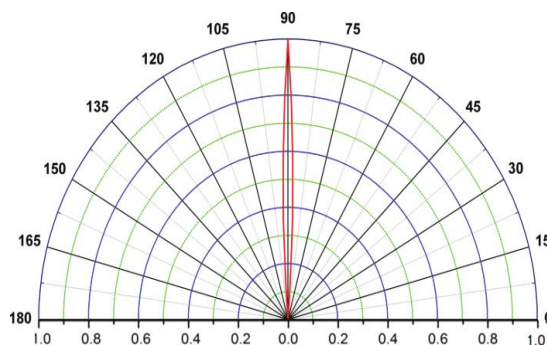
1. Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

	Unit	Max
Input Power	mW	200
Operation Current (CW)	mA	20
Operation Current (Pulsed $<5\mu\text{s}$, 1kHz)	mA	100
Operation Voltage	V	8 (CW), 10 (Pulsed)
Operation Temperature	$^\circ\text{C}$	-30~+55
Storage Temperature	$^\circ\text{C}$	-30~+55
Humidity (for non-hermitically sealed LED)	%	0~ 80

2. Typical Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Wavelength (nm)	Part No.	Package Type	Optical Output Power Po[mW]		Voltage VF[V]		Viewing Angle 2 θ % [°]
			IF /20mA		min	max	
			min	max			
255±5	GL255-T0397A	TO39H	0.5	2.0	5.0～8.0		7

3. Optical Characteristics ($T=25^\circ\text{C}$, $I_F=20\text{mA}$)



RadiationPattern

光-电特性 ($T_A=25^\circ\text{C}$)

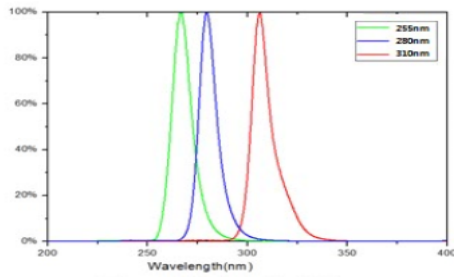


图 1. 相对光谱分布

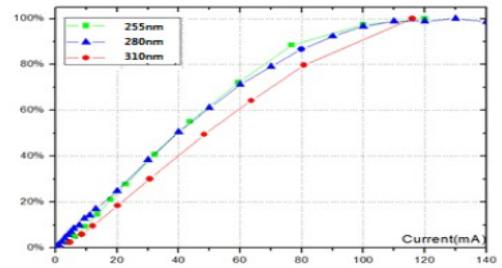


图 2. 辐射功率 VS 电流

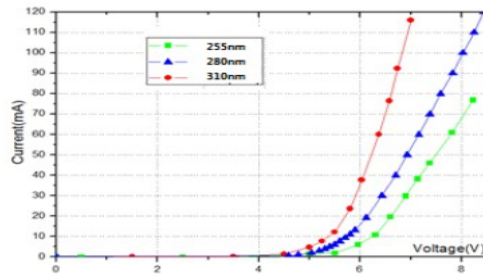


图 3. I - V 特性

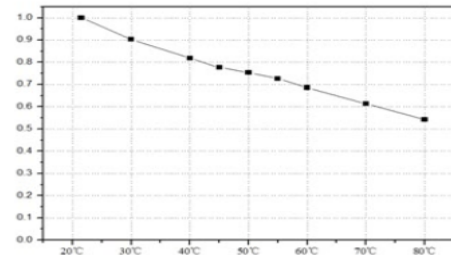


图 4. 辐射功率 VS 温度

Features:

- ✓ Environmental friendly : No Hg, Cd, Br, Pb
- ✓ 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.