

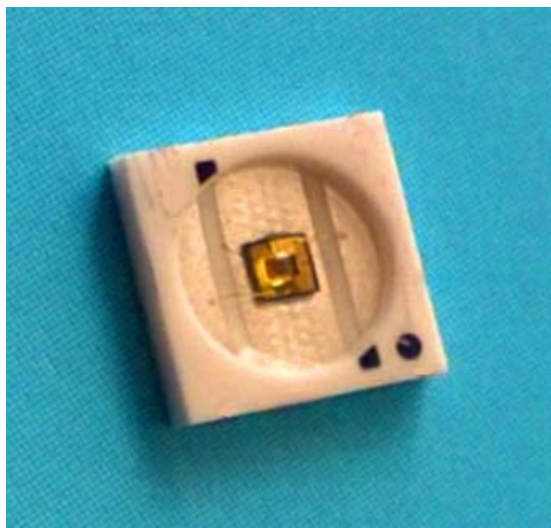


Greenergy Lighting Co. , Limited

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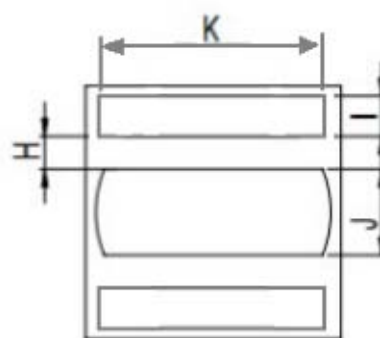
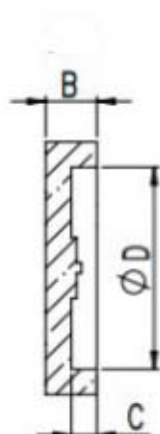
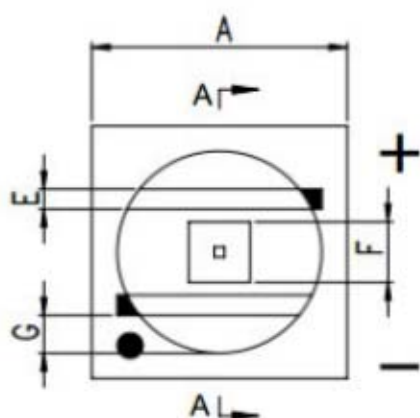
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CAUTION

OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES



尺寸明细 (mm)											
编号	A	B	C	D	E	F	G	H	I	J	K
尺寸(mm)	5	1	0.5	4	0.4	1.2	0.75	0.65	0.8	1.7	4

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

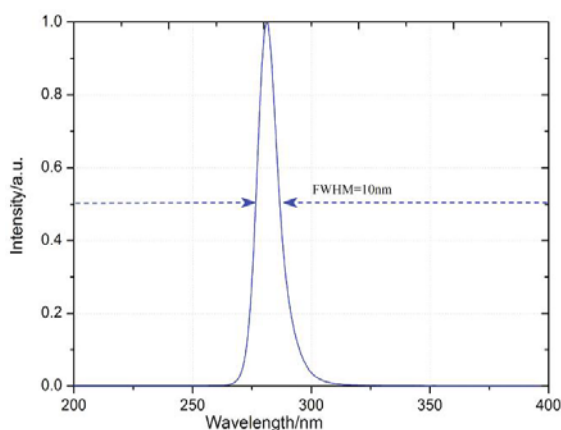
1. Absolute Maximum Ratings at $T_A = 25^{\circ}\text{C}$

	Unit	Max
Input Power	mW	200
Operation Current (CW)	mA	25
Operation Current (Pulsed $<5\mu\text{s}$, 1kHz)	mA	100
Operation Voltage	V	8 (CW), 10 (Pulsed)
Operation Temperature	$^{\circ}\text{C}$	$-30\sim+55$
Storage Temperature	$^{\circ}\text{C}$	$-30\sim+55$
Humidity (for non-hermetically sealed LED)	%	0~ 80

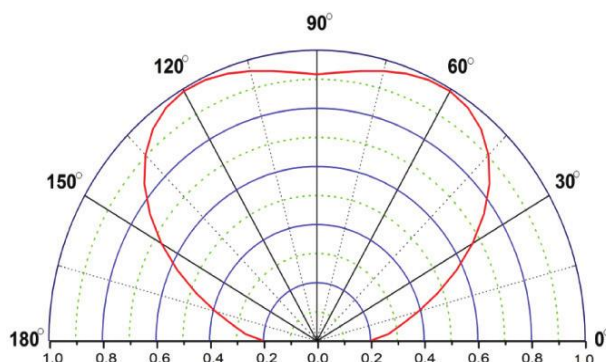
2. Typical Electrical & Optical Characteristics at $T_A = 25^{\circ}\text{C}$

Wavelength h(nm)	Part No.	Dimension (mm)	Optical Output Power Po[mW]		Voltage VF[V]		Viewing Angle 2 θ % [°]
			IF/20mA				
			min	max	min	max	
280±3	GL280-5050A	5.0*5.0*1.0	0.5	1.0	4.8-7.0	140	
	GL280-5050B		1.0	1.5			
	GL280-5050C		1.5	2.0			

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

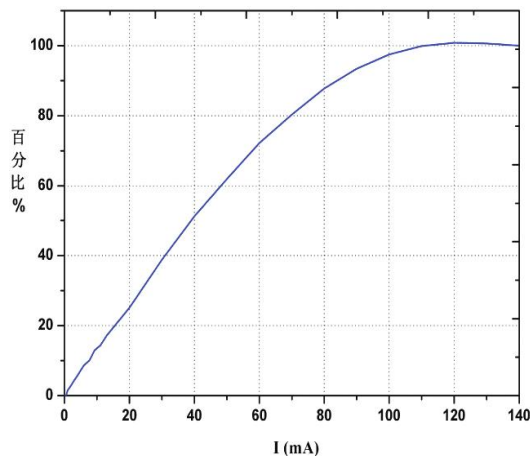


Spectrum

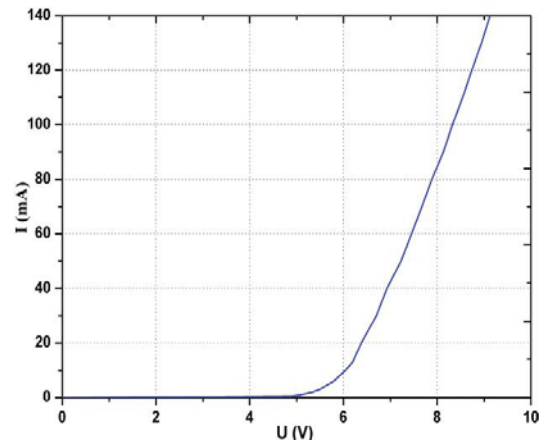


Radiation Patten

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



Relative Output v. Current



I-V Characteristics

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.