



[www.snowdragonledhk.com](http://www.snowdragonledhk.com)

Good quality & Fast delivery

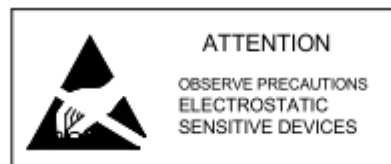
## Snowdragon Industrial Co.,Ltd

### DATA SHEET

**MODEL N.O.: SDIR1WB94-RJ-A**

**ENG. N.O.: 12021602**

PREPARED BY	CHECKED BY	APPROVED BY
CUSTOMER APPROVED SIGNATURES		



Technology support or Order ,pls email us :[powerledmanufacturer@gmail.com](mailto:powerledmanufacturer@gmail.com)



### ● Package Dimensions

↵

↵

↵

↵

↵

↵

↵

↵

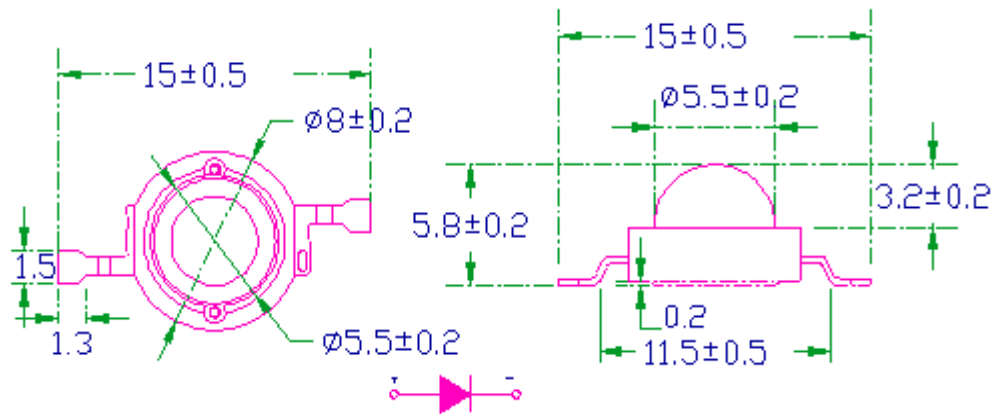
↵

↵

↵

↵

↵



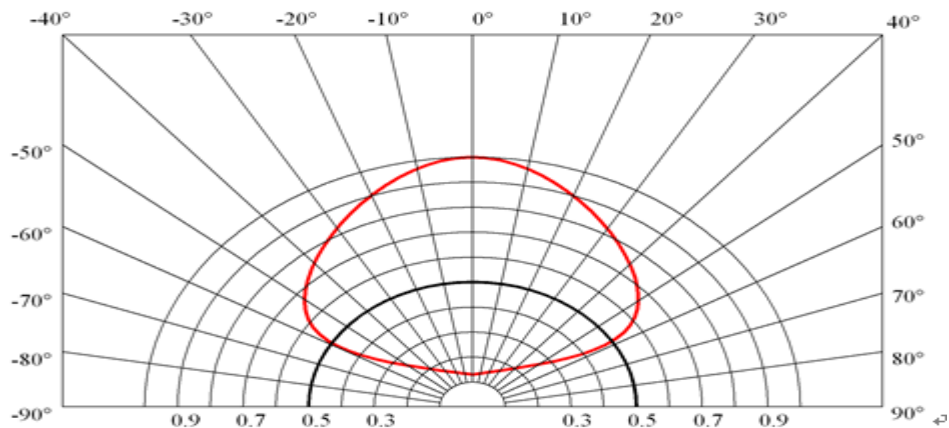
**Dimension (mm)** ↵

↵

Notes

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25\text{mm}$  (0.010") unless otherwise noted.
3. Protruded resin under flange is  $1.0\text{mm}$  (0.04") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.

### ● Spatial Distribution



Technology support or Order ,pls email us :[powerledmanufacturer@gmail.com](mailto:powerledmanufacturer@gmail.com)



**●Electrical / Optical Characteristics at TA=25°C**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Radiation Power	P	60	65	70	mW	IF =350mA
Viewing Angle	2θ1/2	110	120	130	deg	IF =350mA
Dominant Wavelength	λl		940		nm	IF =350mA
Forward Voltage	V <sub>F</sub>	1.2	1.4	1.6	V	IF =350mA
Reverse Current	I <sub>R</sub>	0		10	μA	IF =350mA

**●Absolute Maximum Ratings at TA=25°C**

Parameter	Maximum Rating
Power Dissipation	1W
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width)	1000mA
Continuous Forward Current	350mA
Derating Linear From 30°C	0.07mA/°C
Reverse Voltage	5V
Operating Temperature Range	-20°C to + 80°C
Storage Temperature Range	-30°C to + 100°C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds

Technology support or Order ,pls email us :[powerledmanufacturer@gmail.com](mailto:powerledmanufacturer@gmail.com)

