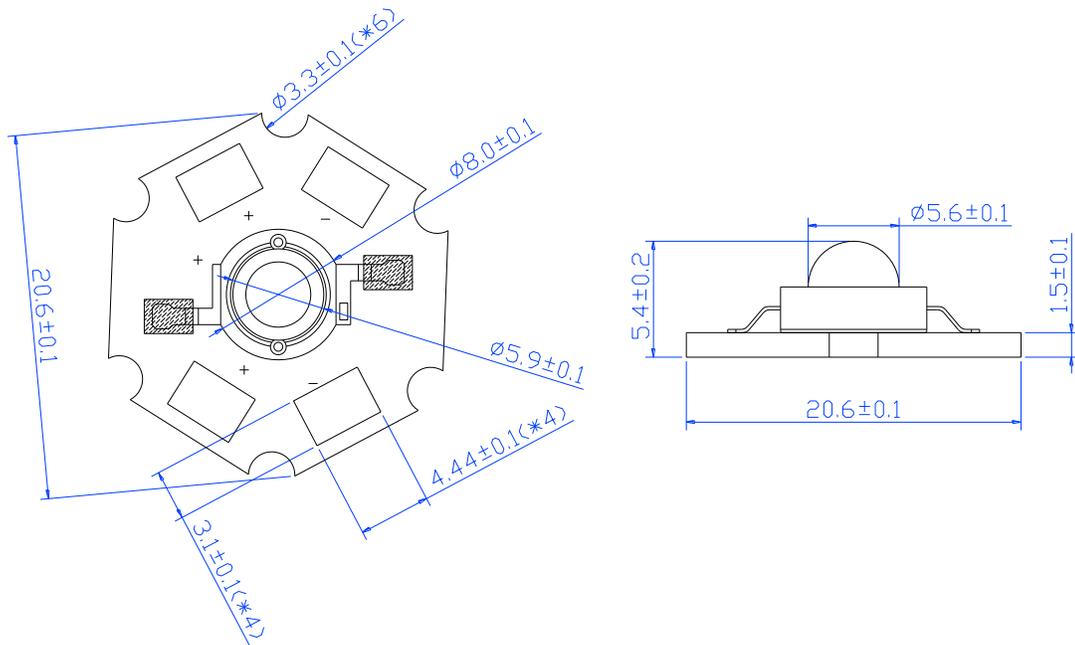


Lightobject Specification

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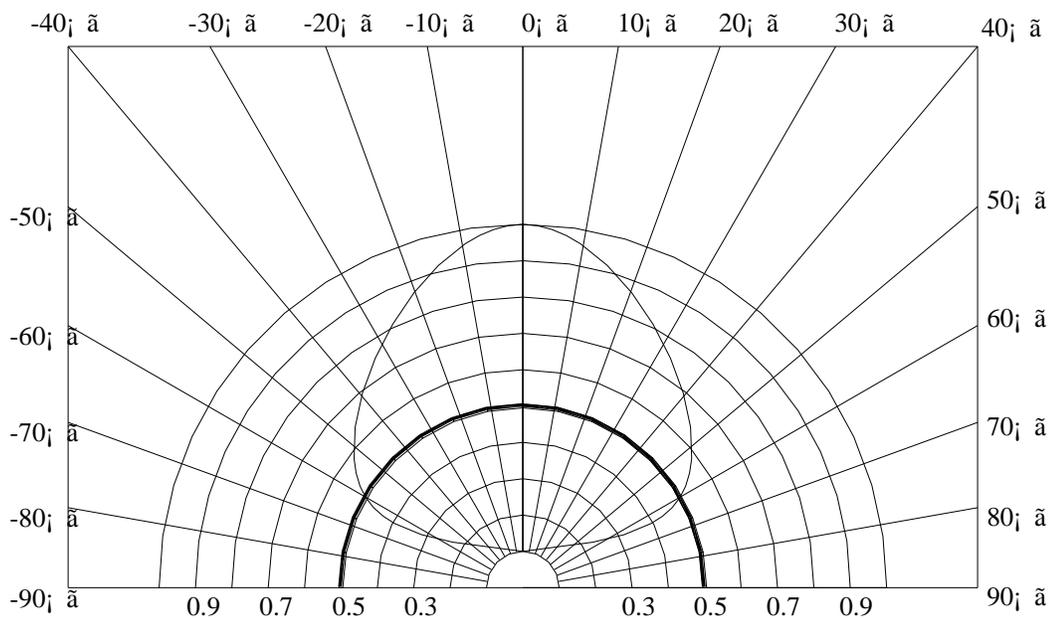
■ Package Dimensions



Notes

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

■ Spatial Distribution



■ Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Radiant Intensity 辐射强度	IV	80	90	100	mW/Sr	IF =1100mA
Viewing Angle at 50% Iv	2 θ 1/2		120		deg	IF =1100mA
Spectral Line Half-Width	Δ λ		850		nm	IF =1100mA
Forward Voltage 正向电压	VF	1.70	2.00	2.20	V	IF =1100mA
Reverse Current 反向漏电流	IR			20	μ A	VR = 5V

■ Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating
Power Dissipation	5W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	2800mA
Continuous Forward Current	1100mA
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