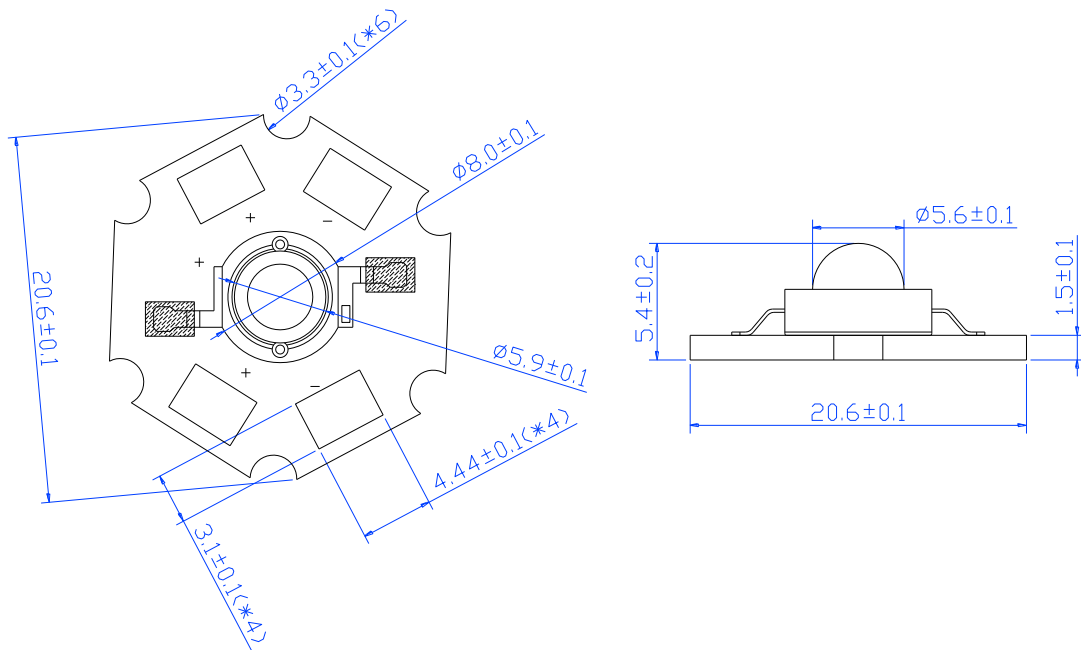


Lightobject Specification

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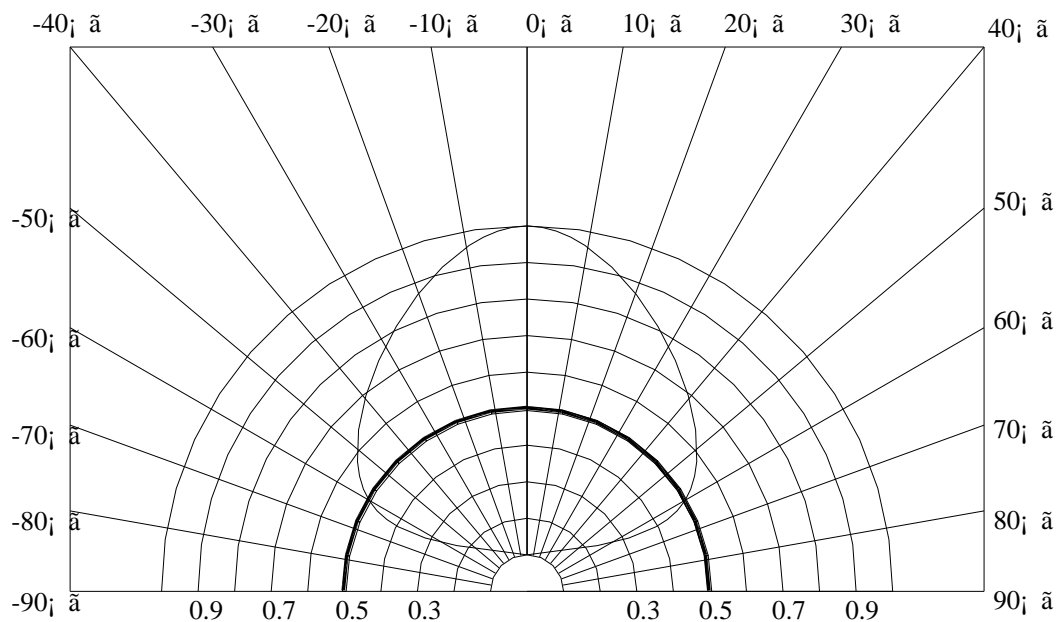
■ Package Dimensions



Notes

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}(0.010")$ 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



■ Electrical / Optical Characteristics at TA=25℃

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Cond
Radiant Intensity 辐射强度	IV	70	75	80	mW/Sr	IF =850mA
Viewing Angle at 50% Iv	2 θ 1/2		120		deg	IF =850mA
Spectral Line Half-Width	Δ λ		850		nm	IF =850mA
Forward Voltage 正向电压	VF	1.70	2.00	2.20	V	IF =850mA
Reverse Current 反向漏电流	IR			20	μ A	VR = 5V

■ Absolute Maximum Ratings at TA=25℃

Parameter	Maximum Rating
Power Dissipation	3W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	2100mA
Continuous Forward Current	850mA
Reverse Voltage	5V
Operating Temperature Range	-20℃ to + 80℃
Storage Temperature Range	-30℃ to + 100℃
Lead Soldering Temperature [1.6mm(.063") From Body]	260℃ for 5 Seconds