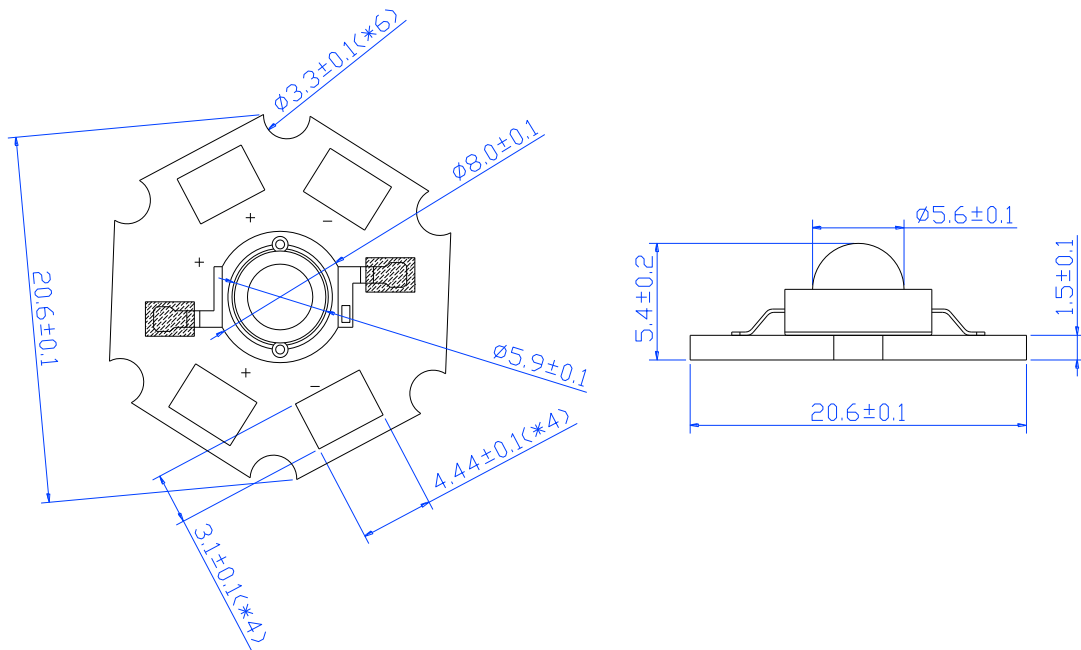


# Lightobject Specification

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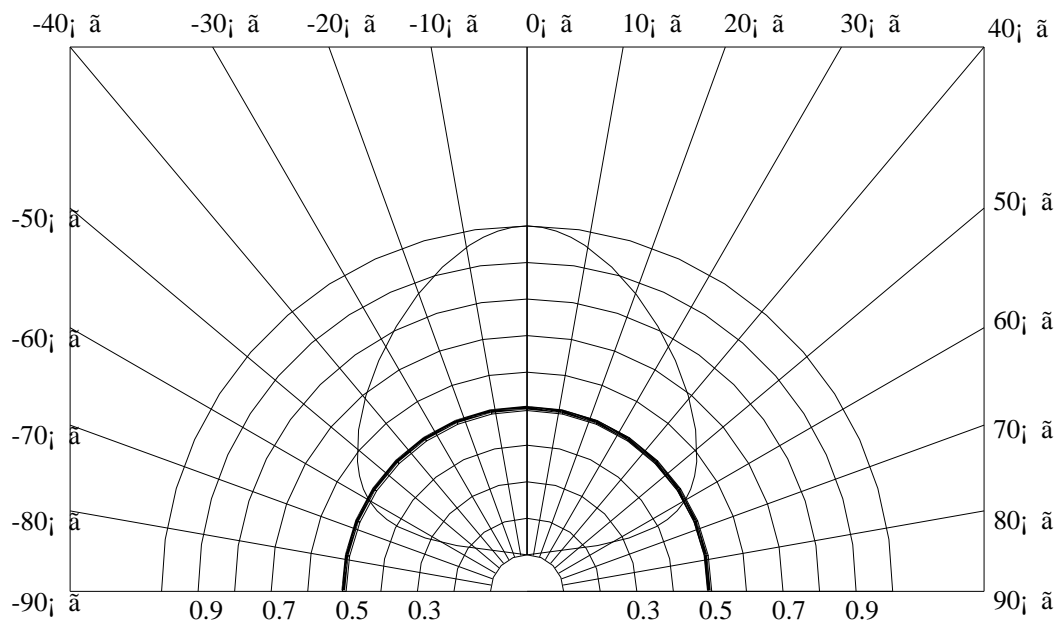
## ■ Package Dimensions



## 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 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℃

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℃ to + 80℃
Storage Temperature Range	-30℃ to + 100℃
Lead Soldering Temperature [1.6mm(.063") From Body]	260℃ for 5 Seconds