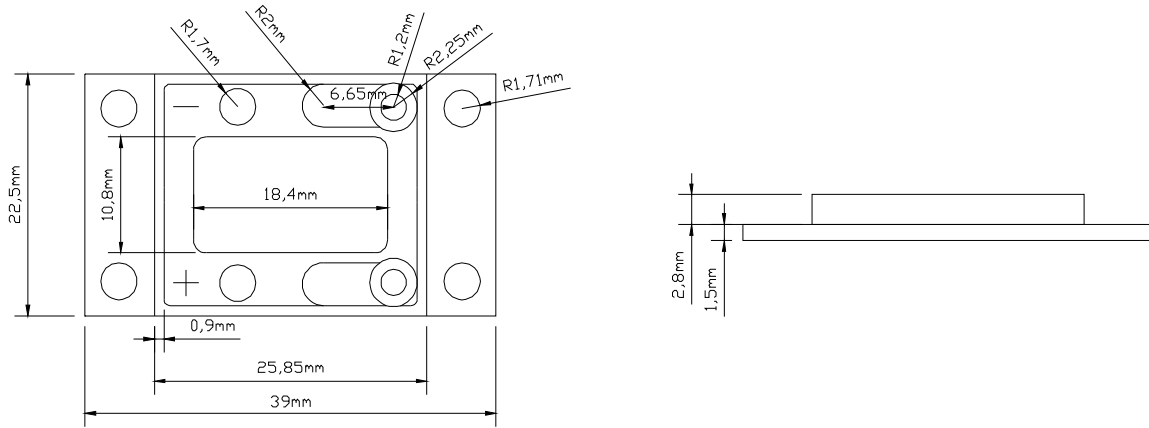


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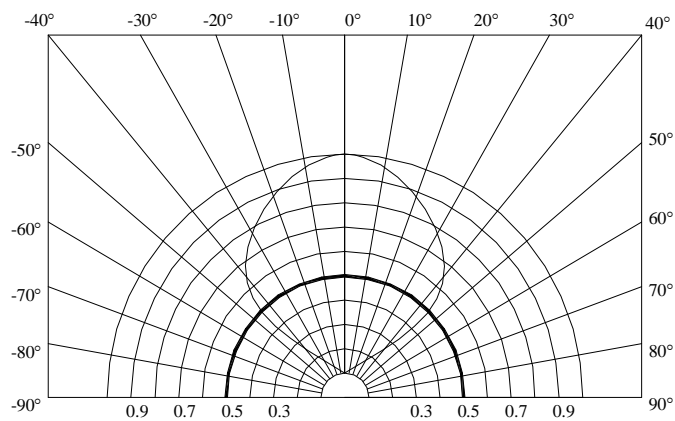
Package Dimensions



Notes

1. All dimensions are in millimeters (mm).
2. Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.

Spatial Distribution



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Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	Φ	1000	1100	1200	lm	IF = 1400mA
Viewing Angle	2θ	110	115	120	deg	IF = 1400mA
Dominant Wavelength	Tc	6000	6500	7000	K	IF = 1400mA
Spectral Line Half-Width	$\Delta\lambda$				nm	IF = 1400mA
Forward Voltage	VF	15	16	18	V	IF = 1400mA
Reverse Current	IR			20	μA	VR = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating
Power Dissipation	20W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	3000mA
Continuous Forward Current	1400mA
Reverse Voltage	5V
Operating Temperature Range	-20°C to + 60°C
Storage Temperature Range	-20°C to + 60°C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds

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