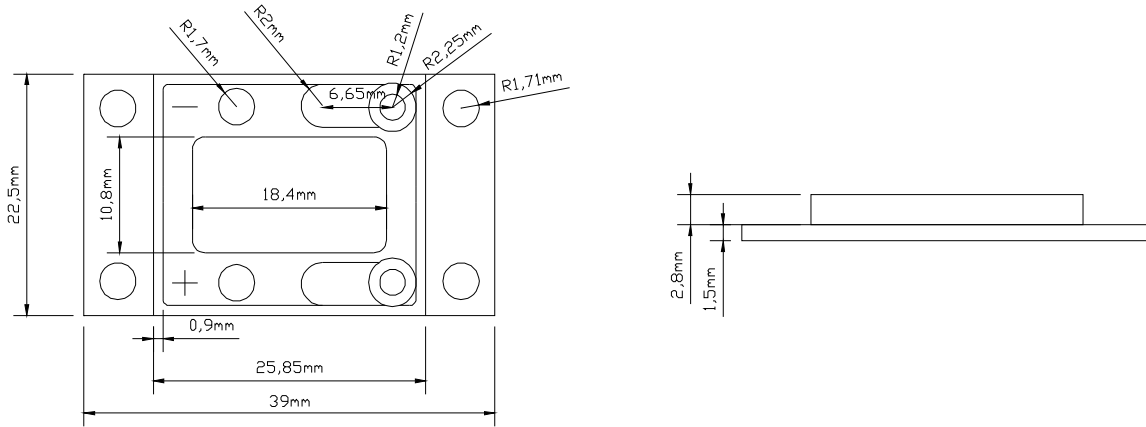


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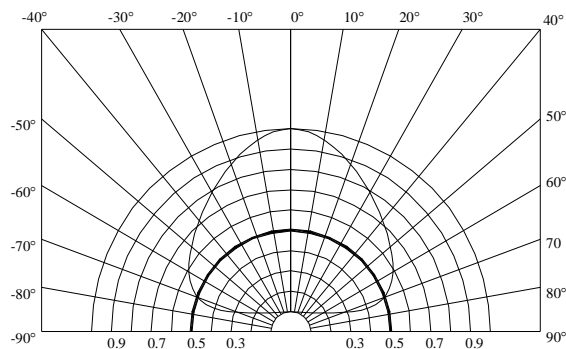
Package Dimensions



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



PART NUMBER	REV	PAGE	DATE
50W 白灯	R101	1/2	2009-03-04

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Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	ϕ	2500	2750	3000	lm	IF = 3400mA
Viewing Angle	2θ	110	115	120	deg	IF = 3400mA
Dominant Wavelength	Tc	6000	6500	7000	K	IF = 3400mA
Spectral Line Half-Width	$\Delta\lambda$				nm	IF = 3400mA
Forward Voltage	VF	15.0	16.0	18.0	V	IF = 3400mA
Reverse Current	IR			20	μA	VR = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating
Power Dissipation	50W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	5000mA
Continuous Forward Current	3400mA
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

PART NUMBER	REV	PAGE	DATE
50W白灯	R101	2/2	2009-03-04