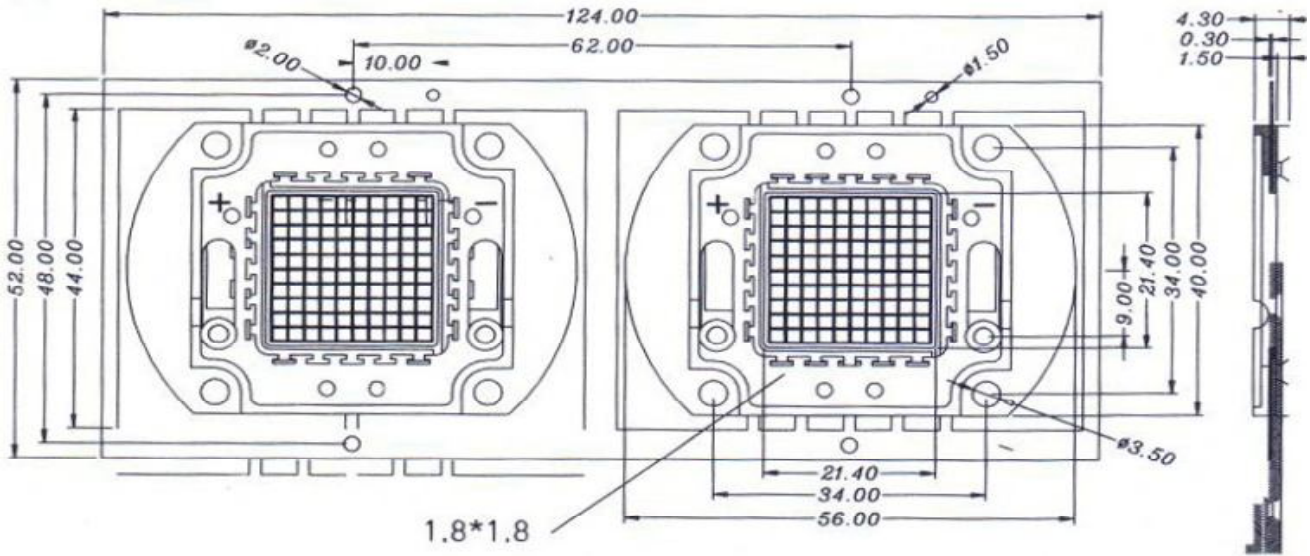


# Specifications

PartName:

30W/UV/High Power/LED

Package Dimensions(mm)

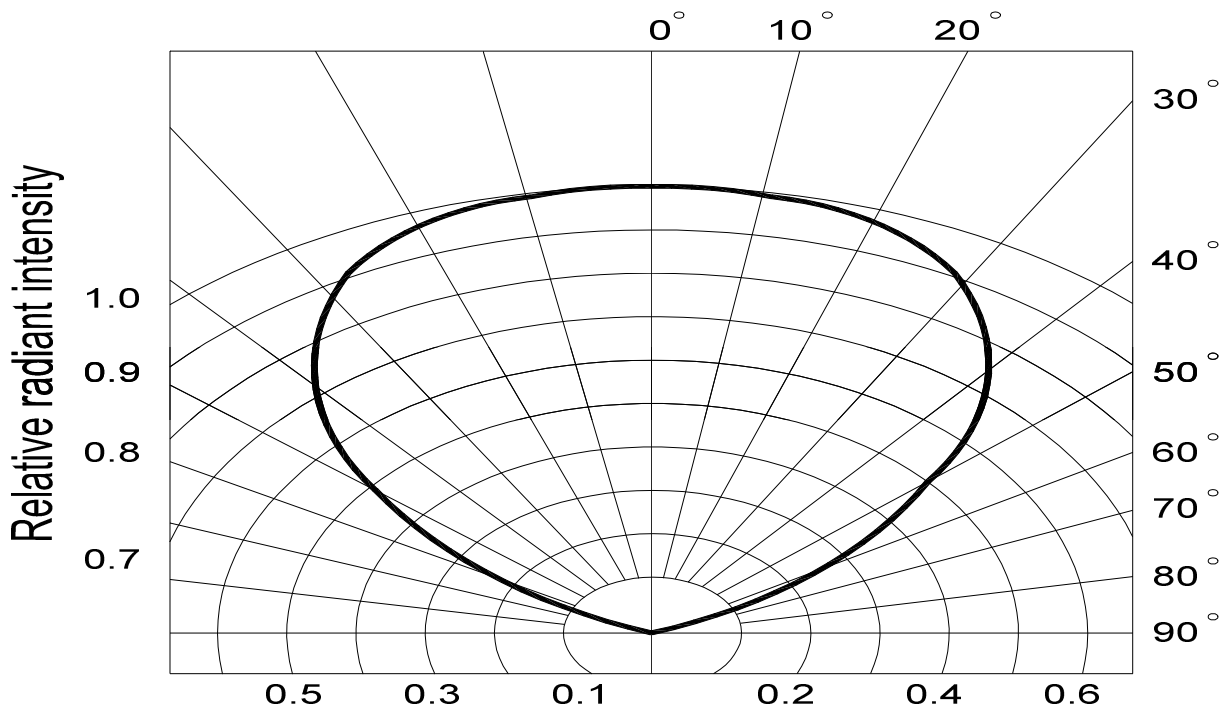


## Notes

1. All dimensions are in millimeters (mm).
2. Tolerance is  $\pm 0.25$ 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

Fig.6 Radiation diagram



**Electrical / Optical Characteristics at TA=25°C**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$\emptyset$	200		300	lm	IF=1050mA
Viewing Angle	$2\theta_{1/2}$		130		deg	IF=1050mA
Dominant Wavelength	$T_c$				K	IF=1050mA
Spectral Line Half-Width	$\Delta\lambda$	400		410	nm	IF=1050mA
Forward Voltage	VF	30		35	V	IF=1050mA
Reverse Current	IR			20	uA	VR=5V

**Absolute Maximum Ratings at TA=25°C**

Parameter	Maximum Rating
Power Dissipation	30W
Peak Forward Current (1/10 Duty Cycle, 0. Lms Pulse Wisth	1050mA
Continuous Forward Current	1050mA
Reverse Voltage	5V
Operating Temperature Range	-20°C to +60°C
Storage Temperature Range	-20°C to +60°C
Lead Soldering Temperature [1.6mm(.63")From Body]	260°C for 5 Seconds