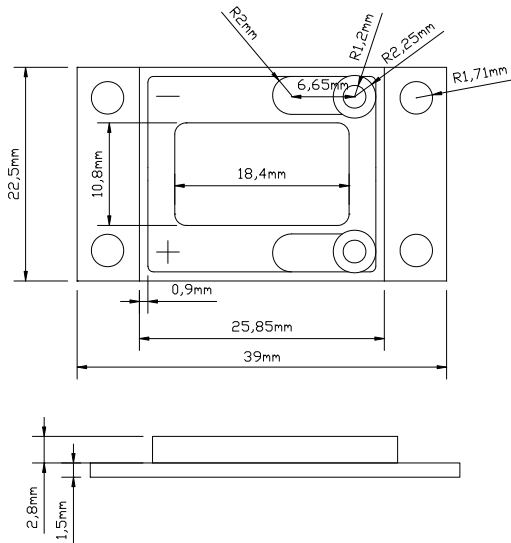


Package Dimensions



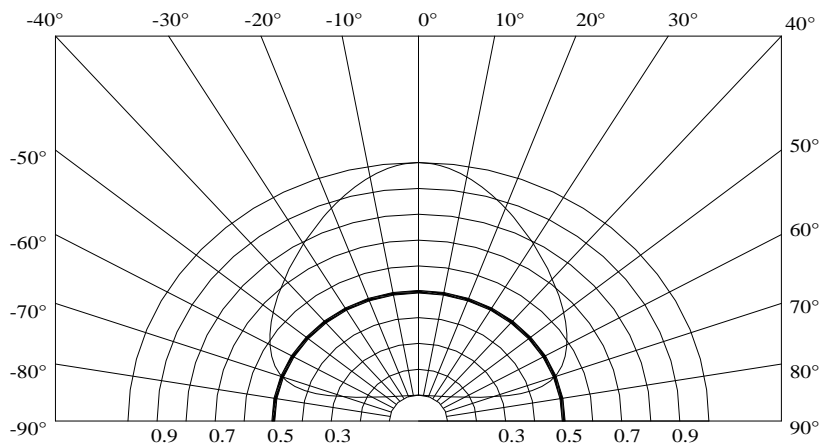
Material's Picture



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 1.0mm (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



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Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	Φ	2400	2500	2700	lm	IF =1700mA
Viewing Angle	$2\theta 1/2$		140		deg	IF =1700mA
Domain Wavelength	Tc	6000	6500	7000	K	IF =1700mA
Spectral Line Half-Width	$\Delta \lambda$				nm	IF =1700mA
Forward Voltage	VF	16,00	17,00	18,00	V	IF =1700mA
Reverse Current	IR			20	μ A	VR = 5V

Absolute Maximum Ratings at TA=25°C

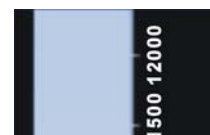
Parameter	Maximum Rating
Power Dissipation	30W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	3000mA
Continuous Forward Current	1700mA
Derating Linear From 30°C	0.8mA/°C
Reverse Voltage	5V
Operating Temperature Range	-35°C to + 60°C
Storage Temperature Range	-35°C to + 60°C
Lead Soldering Temperature [1.6mm(.063") From Body]	300°C for 5 Seconds

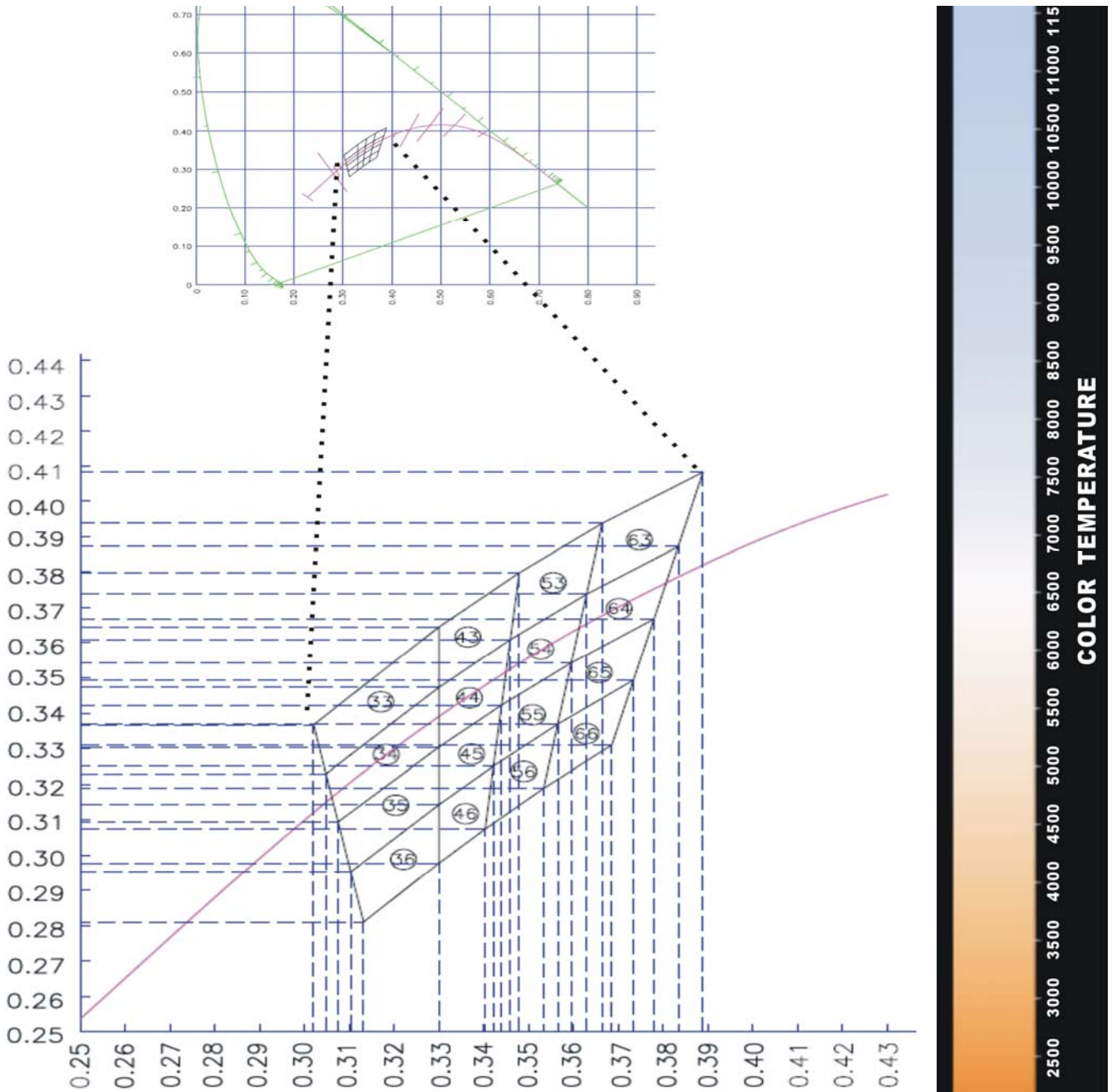
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WX-P50WW6530B302400	R101	2/4	2009-11-27



SPECIFICATION FOR APPROVAL

Chromaticity Coordinate Groups



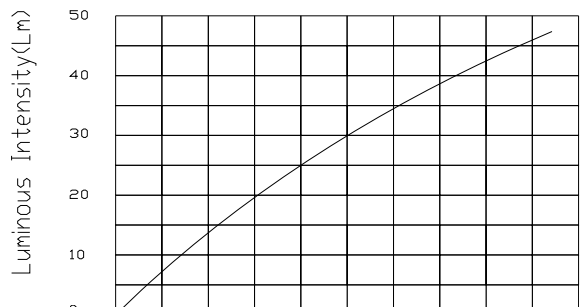
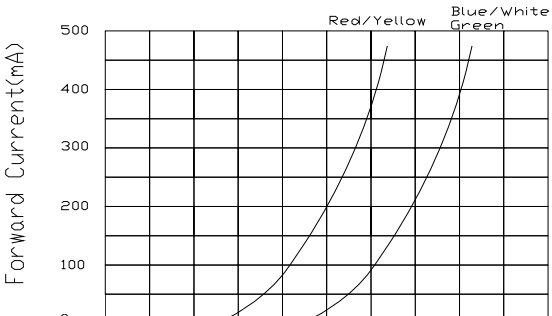


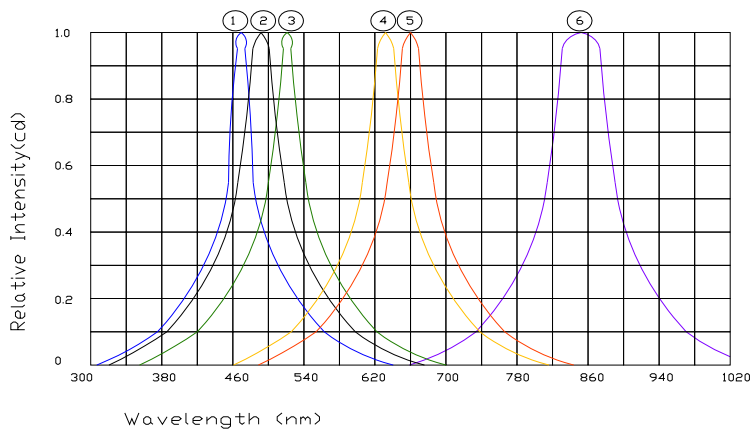
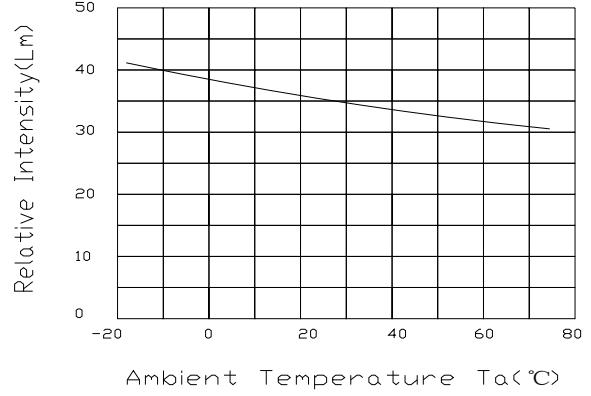
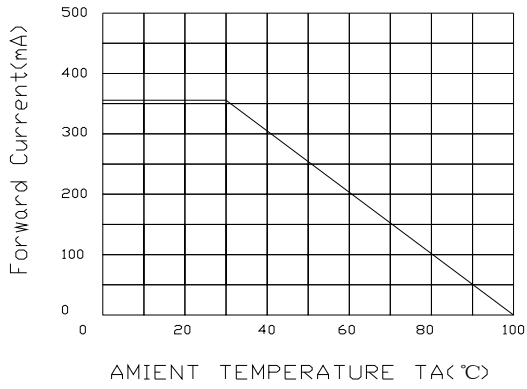
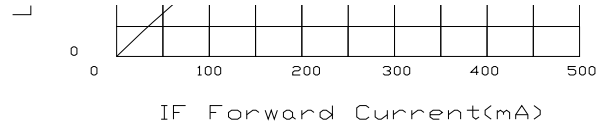
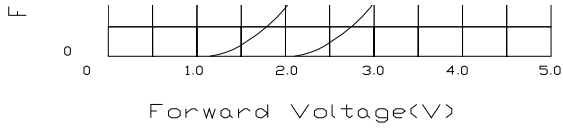
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SPECIFICATION FOR APPROVAL

HIGH POWER LED Typical Electro-Optical Characteristics Curves





- ① Blue Lamp<InGaN>
- ② White Lamp<InGaN>
- ③ Pure Green Lamp<InGaN>
- ④ Yellow Green Lamp<AlInGaP>
- ⑤ Red Lamp<AlInGaP>
- ⑥ Infrared Lamp<850nm>

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