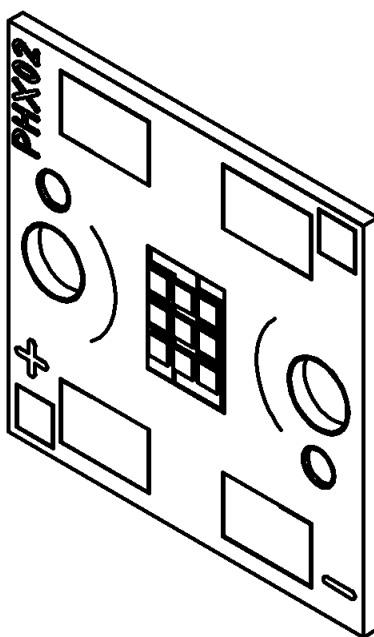


UVCOB9-2020-365-60-001



# UVCOB9-2020-365-60-001

365nm HIGH POWER LED



**Size**

W20×D20×H2 mm

**Maximum Ratings (Tc=25°C)**

Parameter	Symbol	Values	Unit
Power Dissipation	P <sub>D</sub>	39	W
Forward Current	I <sub>F</sub>	1	A
Reverse Voltage	V <sub>R</sub>	5	V
Junction Temperature	T <sub>j</sub>	130	°C
Operating Temperature ※	T <sub>opr</sub>	-10~100	°C
Storage Temperature ※	T <sub>stg</sub>	-40~100	°C

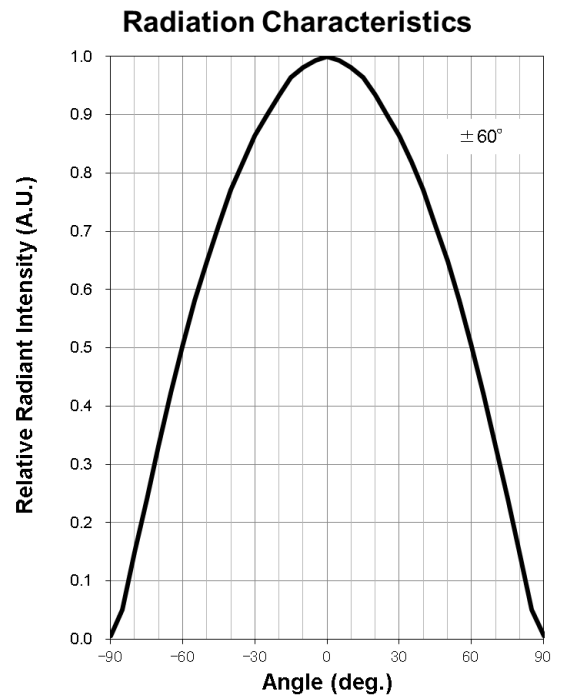
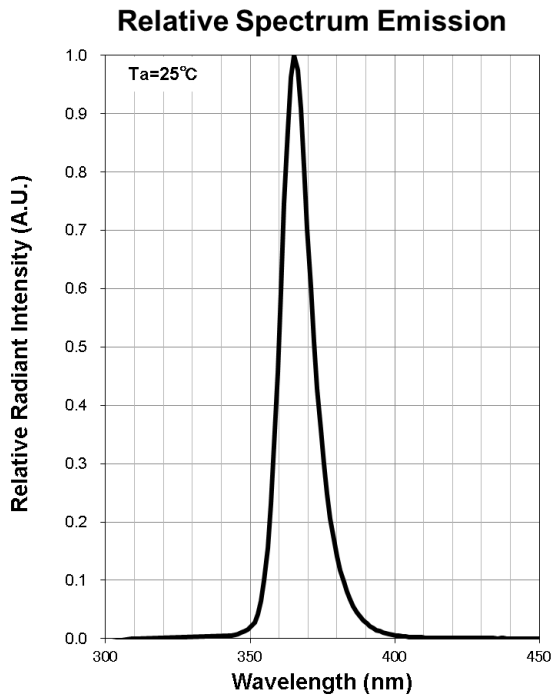
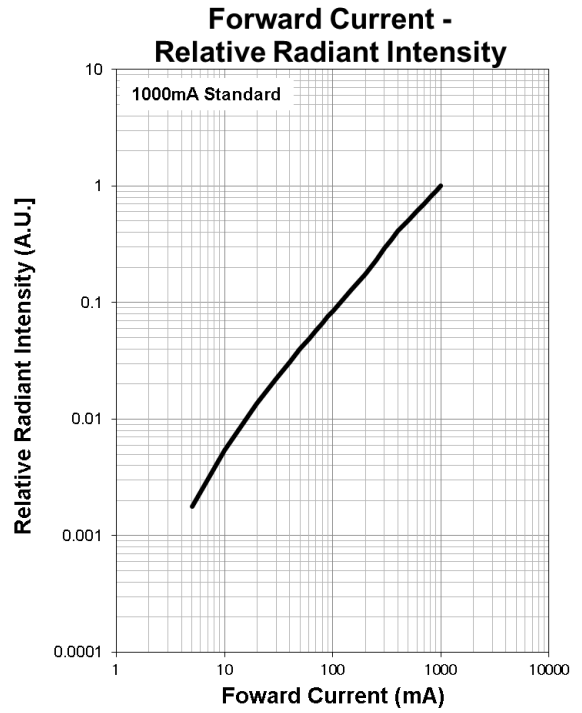
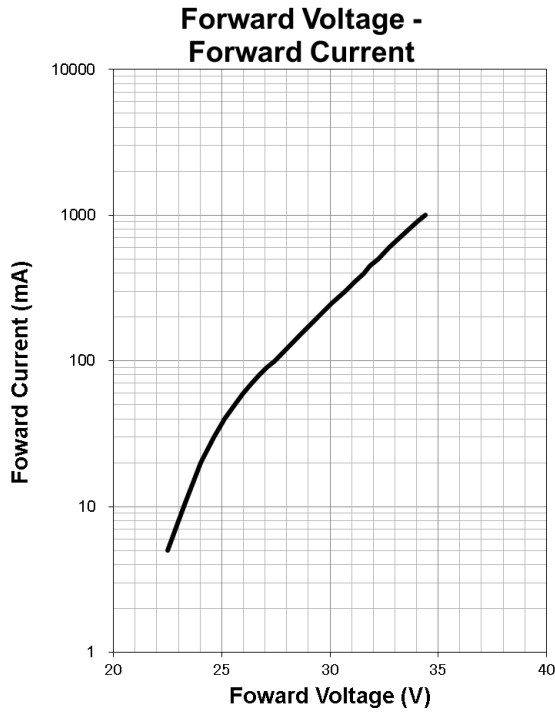
※No condensation

**Optical and Electrical Characteristics (Tc=25°C)**

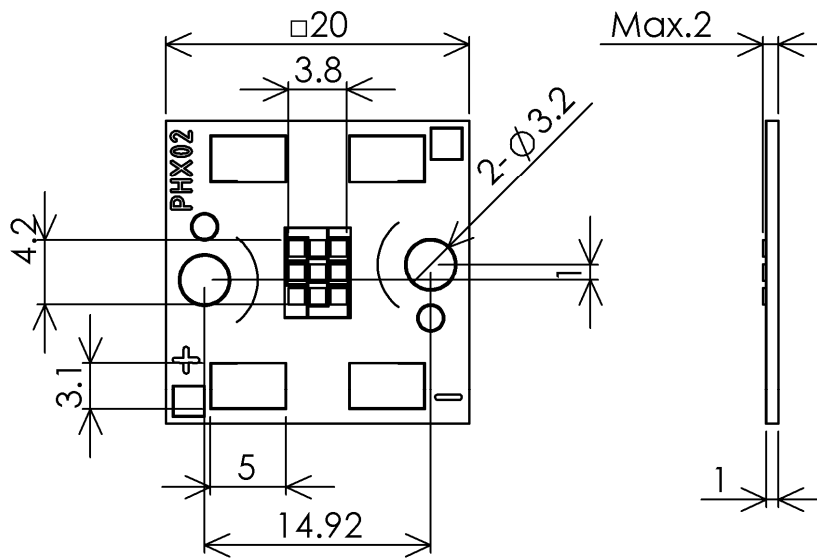
Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Forward Voltage	V <sub>F</sub>		34	39	V	I <sub>F</sub> =1A
Radiated Power	P <sub>O</sub>		10.5		W	I <sub>F</sub> =1A
Peak Wavelength	λ <sub>p</sub>		365		nm	I <sub>F</sub> =1A
Half Width	Δλ		13		nm	I <sub>F</sub> =1A
Viewing Half Angle	θ 1/2		±60		deg	I <sub>F</sub> =1A

※Radiated Power is measured by MCPD-9800.

Typical Characteristic Curves



Outline



Unit : mm