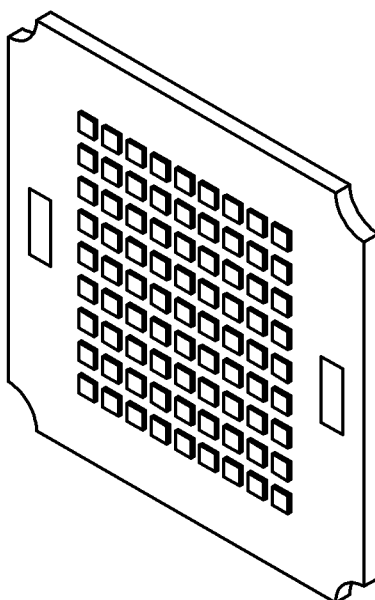


UVCOB81-2525-385-60-001



# UVCOB81-2525-385-60-001

385nm HIGH POWER LED



**Size**

W25×D25×H2 mm

UVCOB81-2525-385-60-001

**Maximum Ratings (Tc=25°C)**

Parameter	Symbol	Values	Unit
Power Dissipation	P <sub>D</sub>	333	W
Forward Current	I <sub>F</sub>	9	A
Reverse Voltage	V <sub>R</sub>	5	V
Junction Temperature	T <sub>j</sub>	115	°C
Operating Temperature ※	T <sub>opr</sub>	-40~85	°C
Storage Temperature ※	T <sub>stg</sub>	-20~65	°C

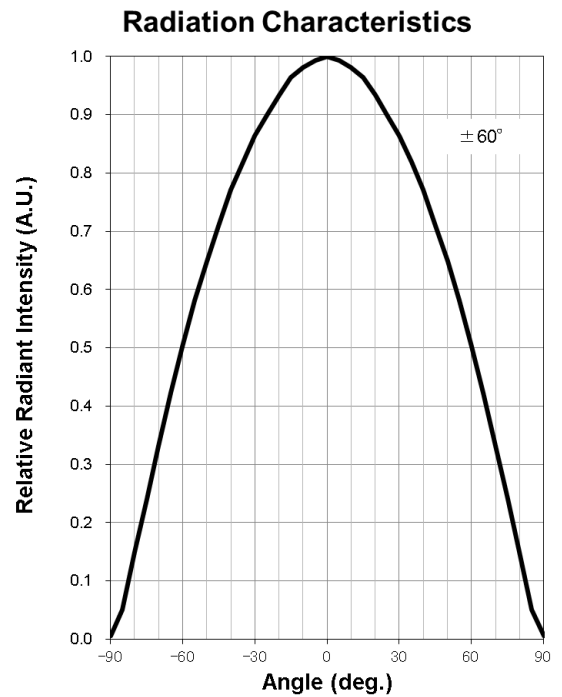
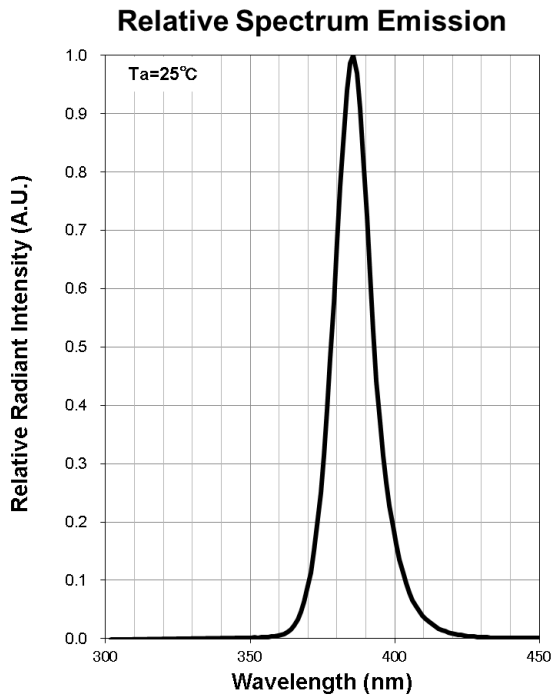
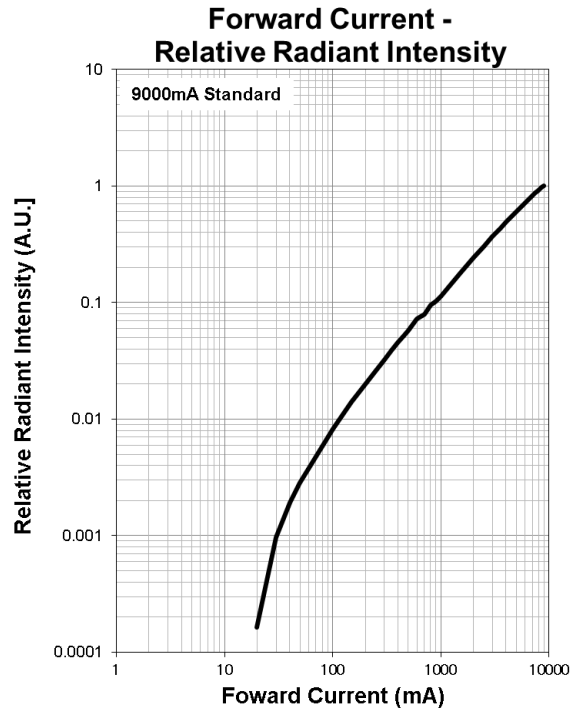
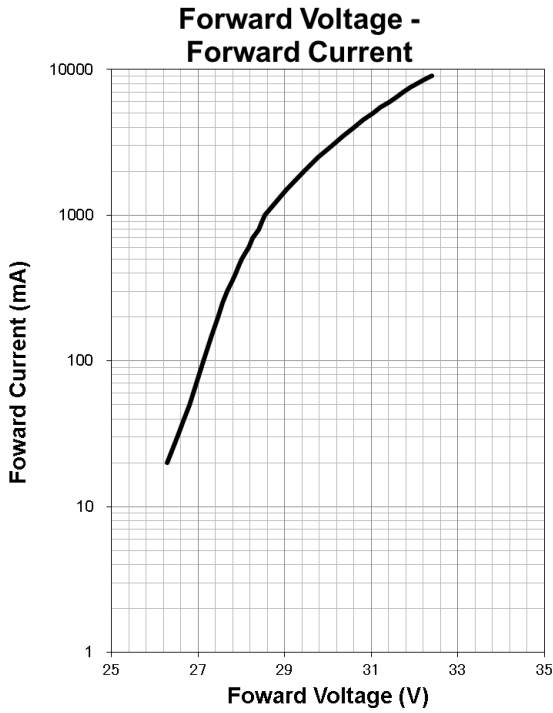
※No condensation

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

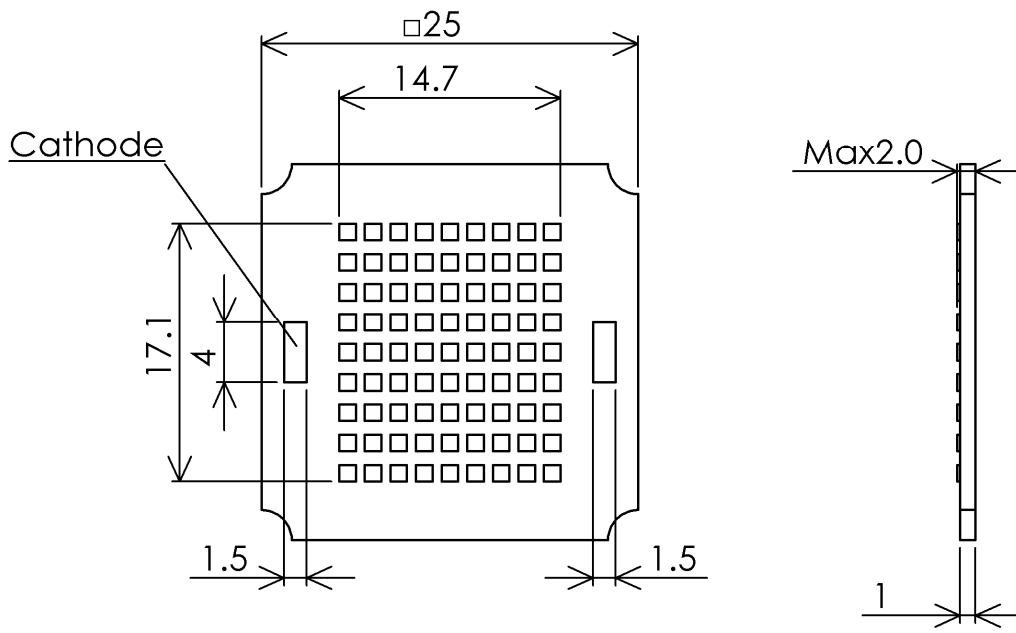
Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Forward Voltage	V <sub>F</sub>		32	37	V	I <sub>F</sub> =9A
Radiated Power	P <sub>O</sub>		109		W	I <sub>F</sub> =9A
Peak Wavelength	λ <sub>P</sub>		385		nm	I <sub>F</sub> =9A
Half Width	Δλ		15		nm	I <sub>F</sub> =9A
Viewing Half Angle	θ 1/2		±60		deg	I <sub>F</sub> =9A

※Radiated Power is measured by MCPD-9800.

Typical Characteristic Curves



Outline



Unit : mm