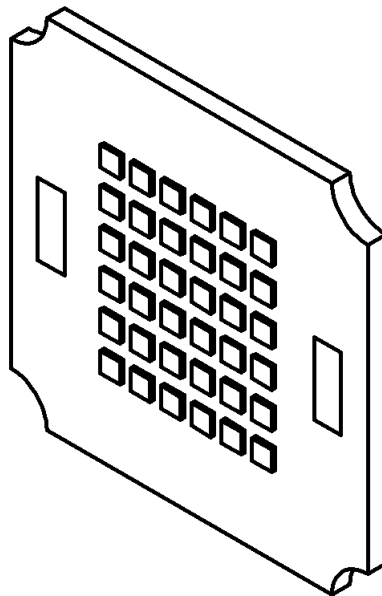


UVCOB36-2020-365-60-001



UVCOB36-2020-365-60-001

365nm HIGH POWER LED



Size

W20×D20×H2 mm

UVCOB36-2020-365-60-001

Maximum Ratings (Tc=25°C)

Parameter	Symbol	Values	Unit
Power Dissipation	P _D	168	W
Forward Current	I _F	6	A
Reverse Voltage	V _R	5	V
Junction Temperature	T _j	130	°C
Operating Temperature ※	T _{opr}	-10~100	°C
Storage Temperature ※	T _{stg}	-40~100	°C

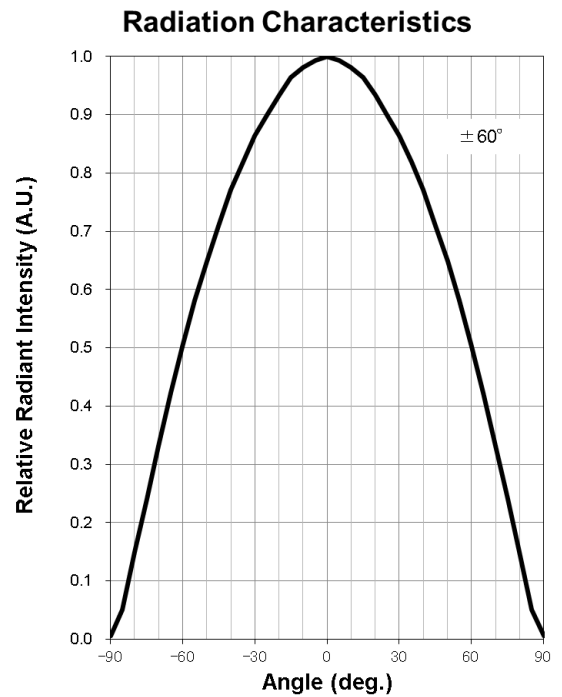
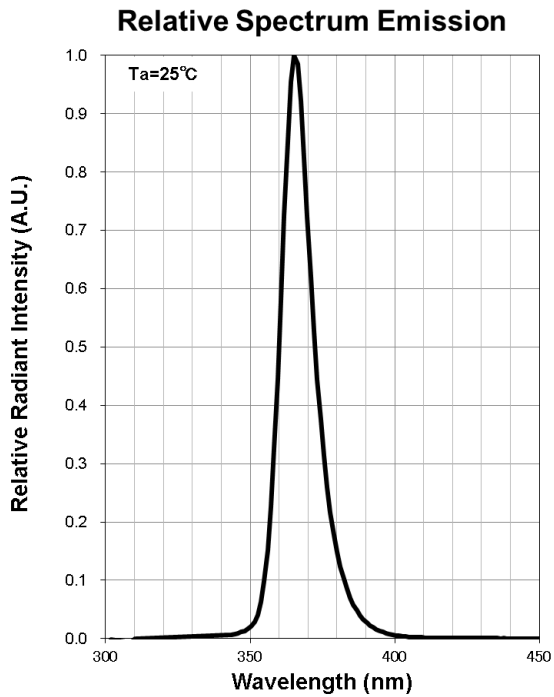
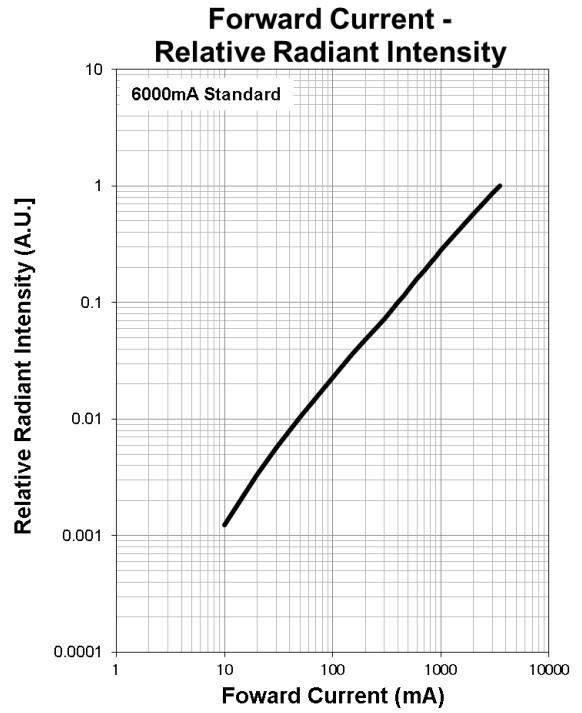
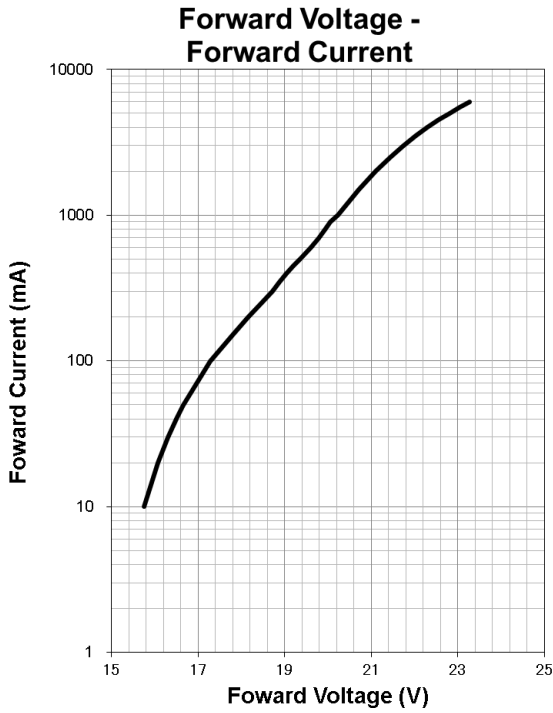
※No condensation

Optical and Electrical Characteristics (Tc=25°C)

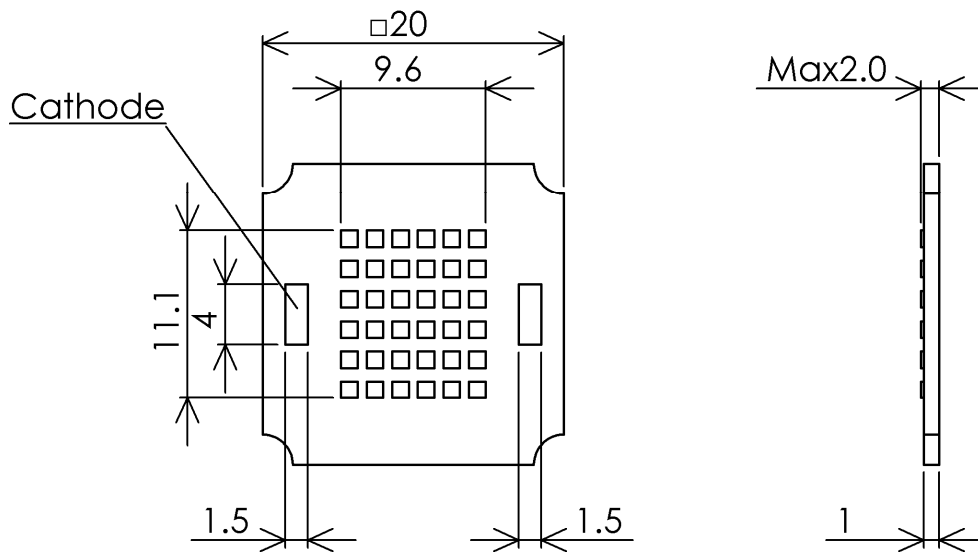
Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Forward Voltage	V _F		23	28	V	I _F =6A
Radiated Power	P _O		42		W	I _F =6A
Peak Wavelength	λ _P		365		nm	I _F =6A
Half Width	Δλ		13		nm	I _F =6A
Viewing Half Angle	θ 1/2		±60		deg	I _F =6A

※Radiated Power is measured by MCPD-9800.

Typical Characteristic Curves



Outline



Unit : mm