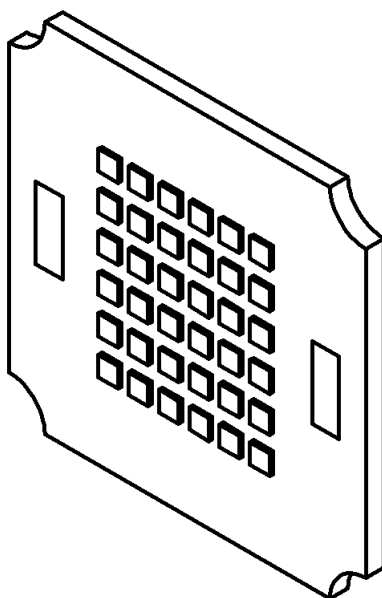


UVCOB36-2020-405-60-001



UVCOB36-2020-405-60-001

405nm HIGH POWER LED



Size

W20×D20×H2 mm

UVC0B36-2020-405-60-001

Maximum Ratings (Tc=25°C)

Parameter	Symbol	Values	Unit
Power Dissipation	P _D	162	W
Forward Current	I _F	6	A
Reverse Voltage	V _R	5	V
Junction Temperature	T _j	115	°C
Operating Temperature ※	T _{opr}	-40~85	°C
Storage Temperature ※	T _{stg}	-20~65	°C

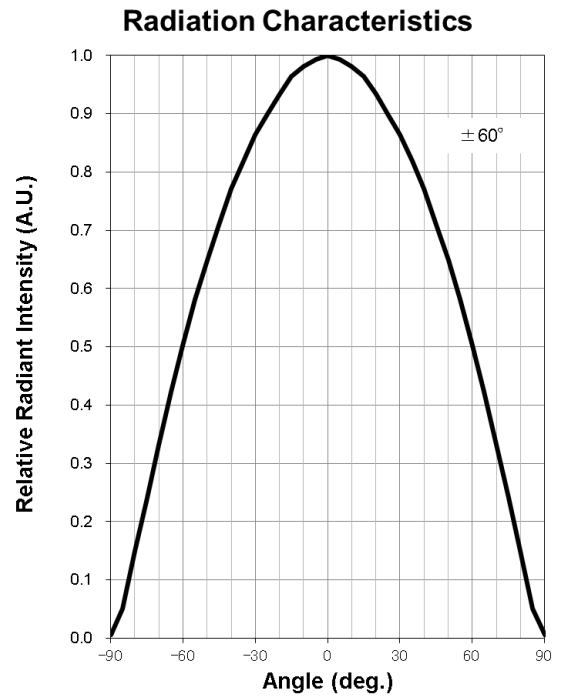
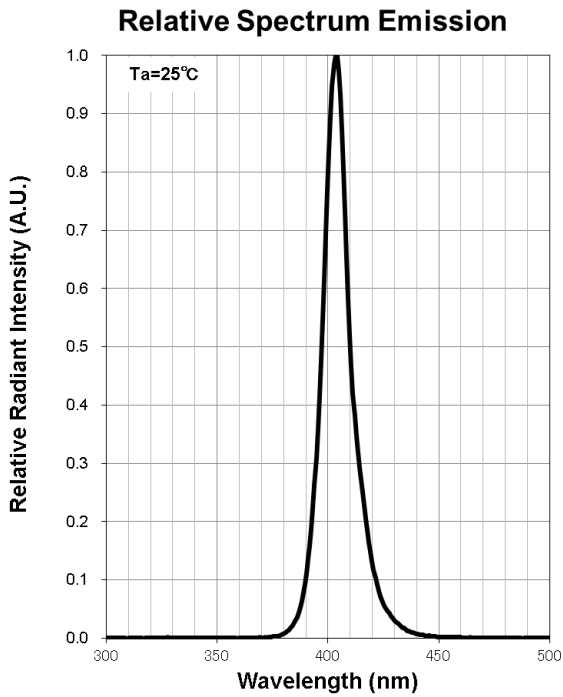
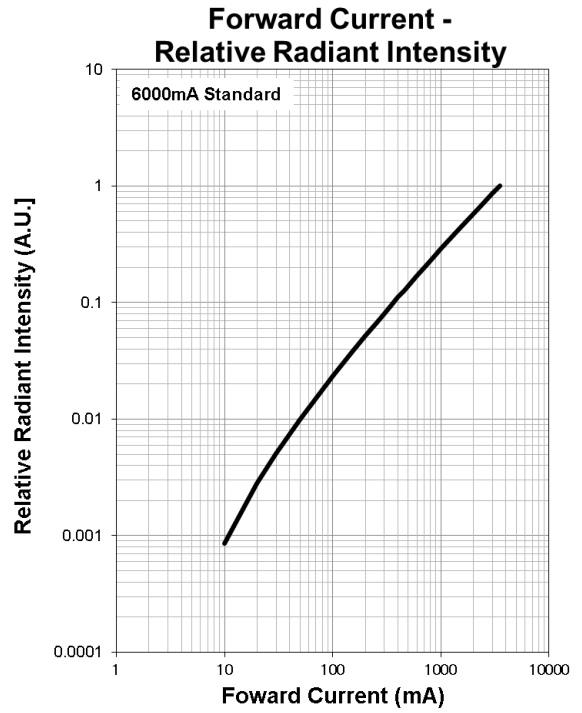
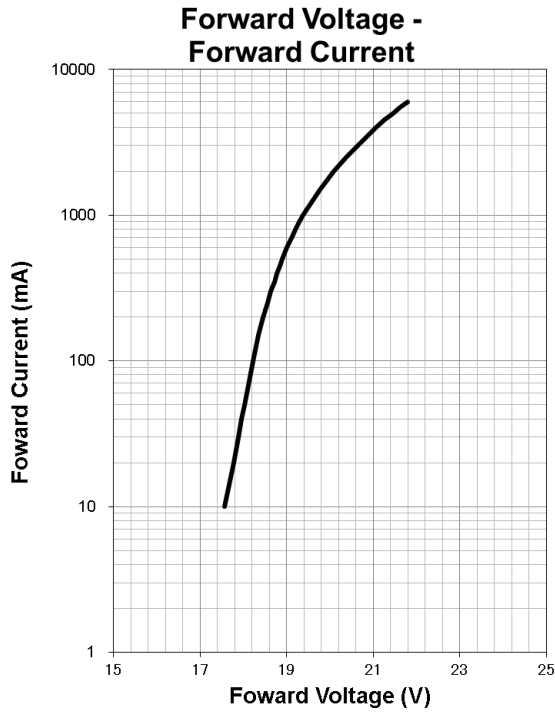
※No condensation

Optical and Electrical Characteristics (Tc=25°C)

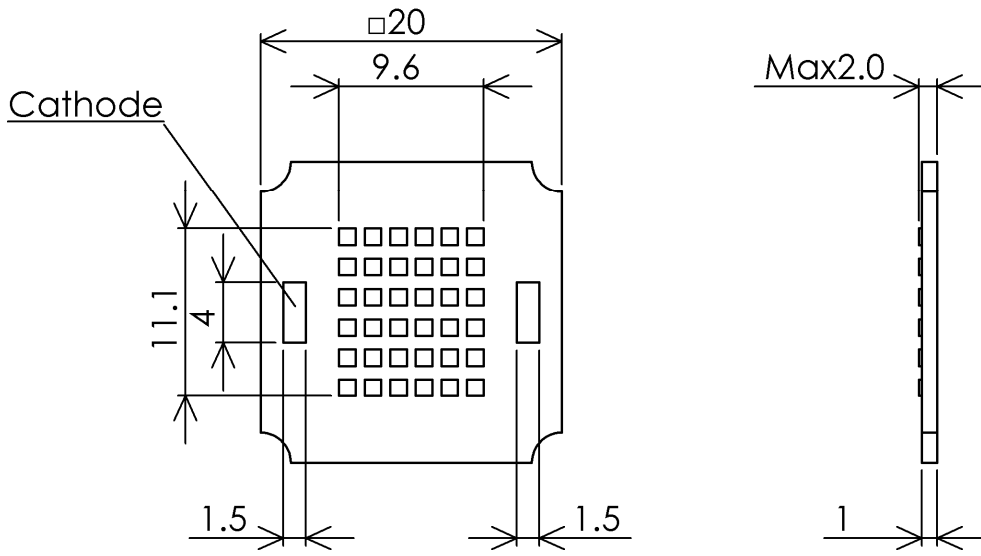
Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Forward Voltage	V _F		22	27	V	I _F =6A
Radiated Power	P _O		49		W	I _F =6A
Peak Wavelength	λ _P		407		nm	I _F =6A
Half Width	Δλ		14		nm	I _F =6A
Viewing Half Angle	θ 1/2		±60		deg	I _F =6A

※Radiated Power is measured by MCPD-9800.

Typical Characteristic Curves



Outline



Unit : mm