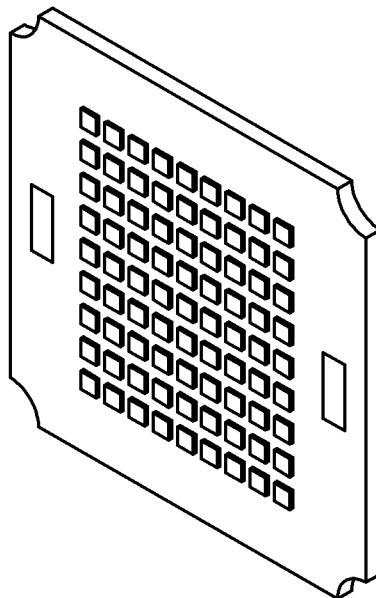


UVCOB81-2525-405-60-001



UVCOB81-2525-405-60-001

405nm HIGH POWER LED



Size

W25×D25×H2 mm

UVC0B81-2525-405-60-001

Maximum Ratings (Tc=25°C)

Parameter	Symbol	Values	Unit
Power Dissipation	P _D	333	W
Forward Current	I _F	9	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

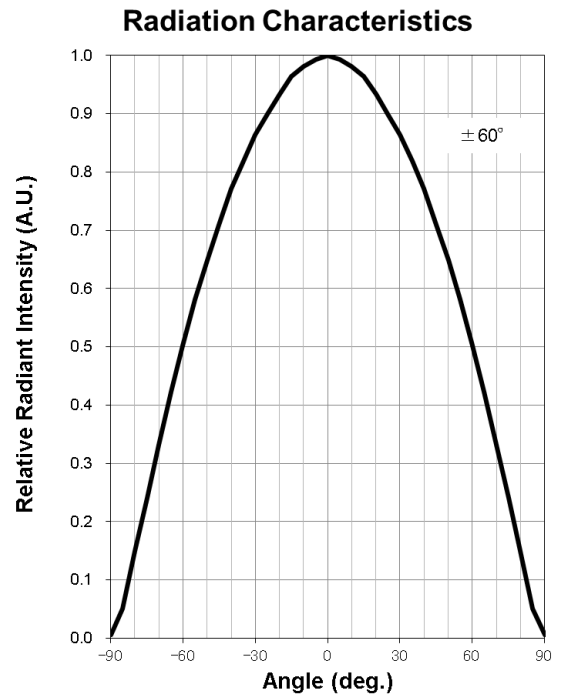
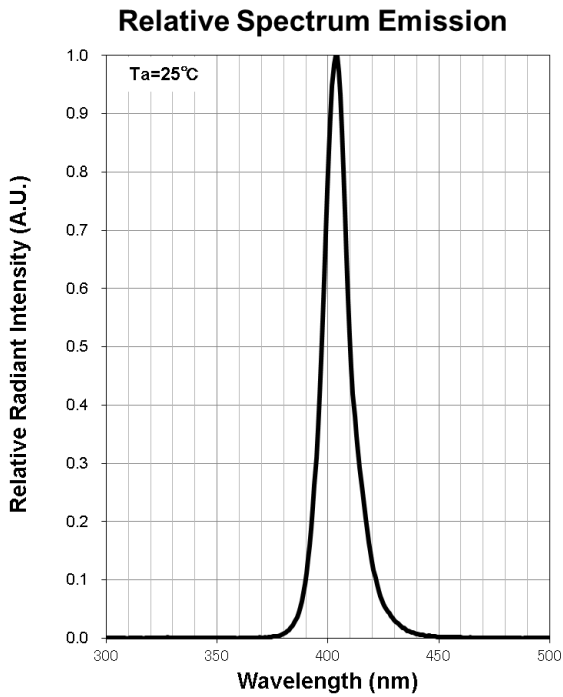
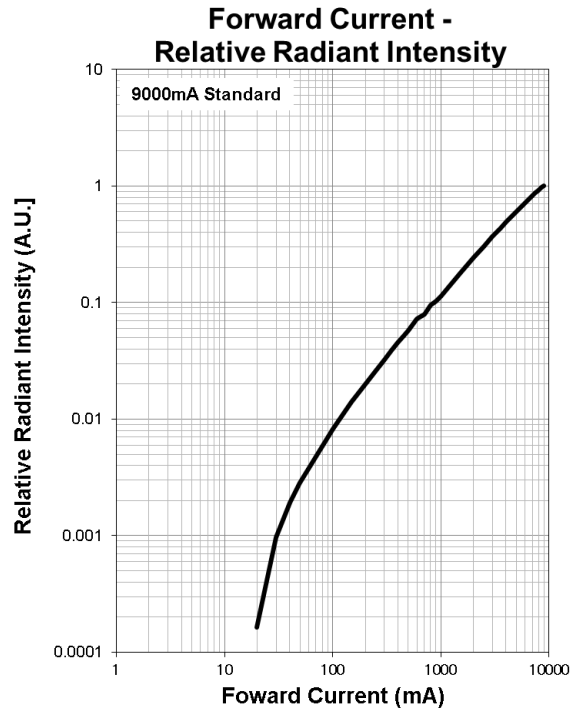
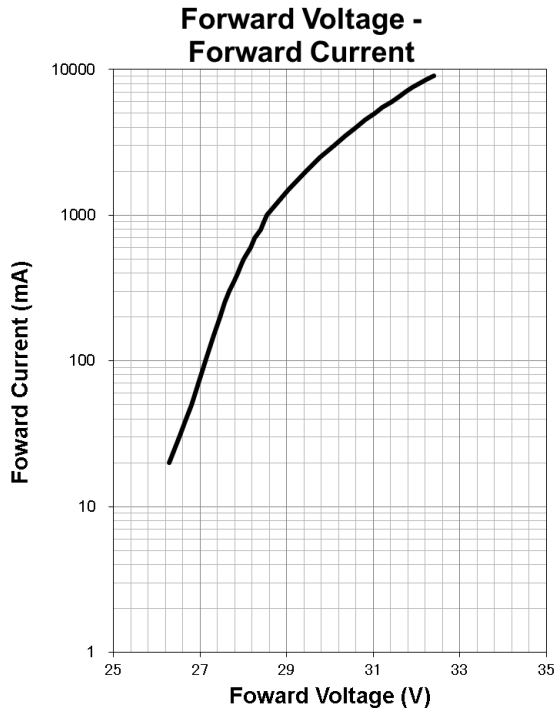
※No condensation

Optical and Electrical Characteristics (Tc=25°C)

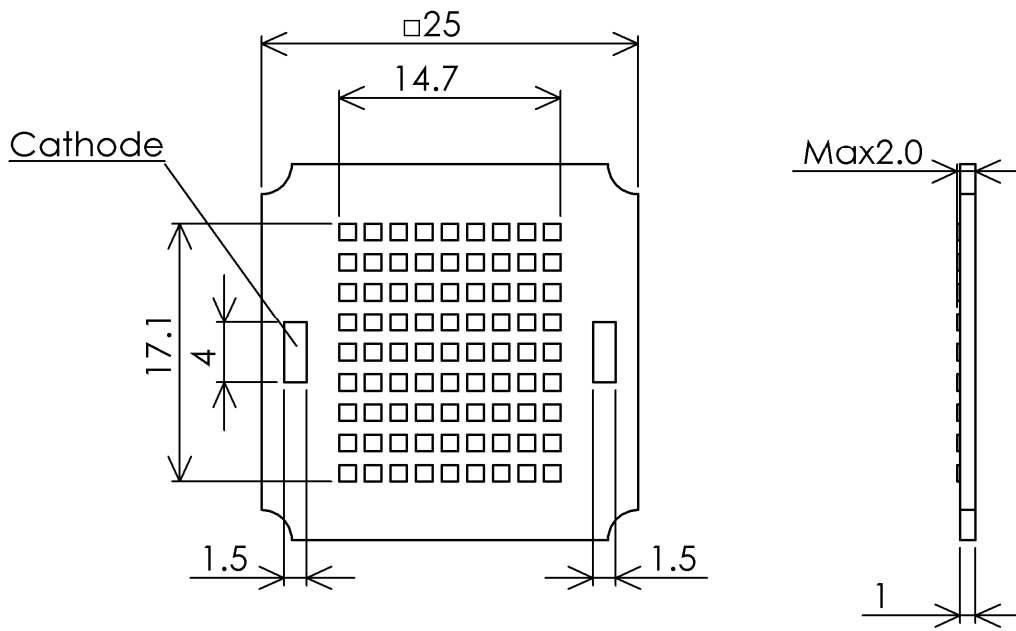
Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Forward Voltage	V _F		32	37	V	I _F =9A
Radiated Power	P _O		110		W	I _F =9A
Peak Wavelength	λ _P		405		nm	I _F =9A
Half Width	Δλ		14		nm	I _F =9A
Viewing Half Angle	θ 1/2		±60		deg	I _F =9A

※Radiated Power is measured by MCPD-9800.

Typical Characteristic Curves



Outline



Unit : mm