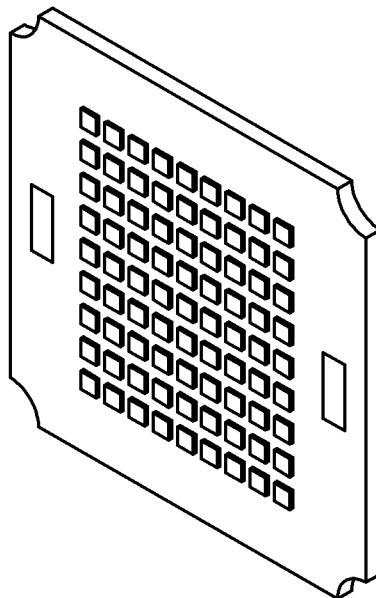


UVCOB81-2525-365-60-001



# UVCOB81-2525-365-60-001

365nm HIGH POWER LED



**Size**

W25×D25×H2 mm

UVCOB81-2525-365-60-001

**Maximum Ratings (Tc=25°C)**

Parameter	Symbol	Values	Unit
Power Dissipation	$P_D$	351	W
Forward Current	$I_F$	9	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

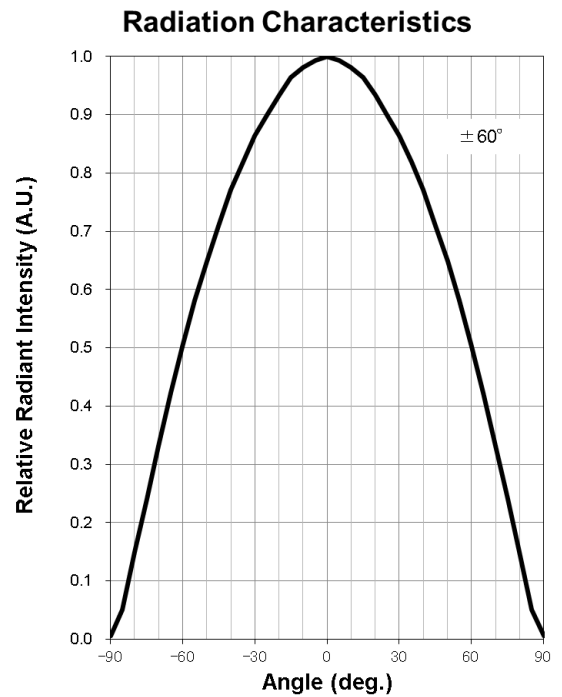
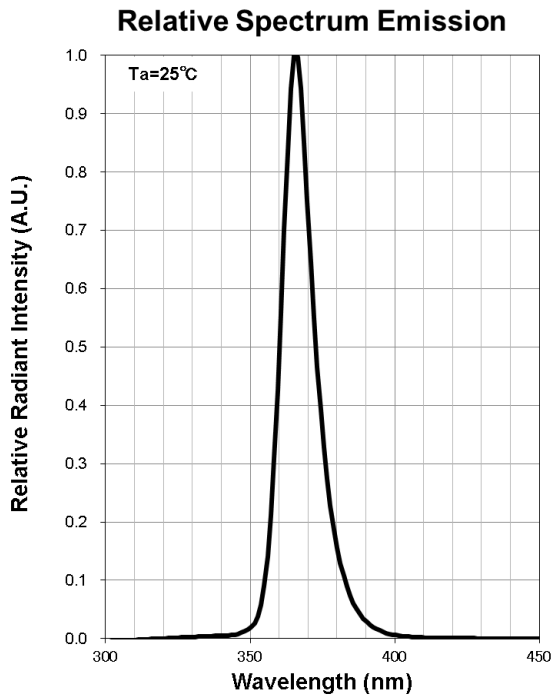
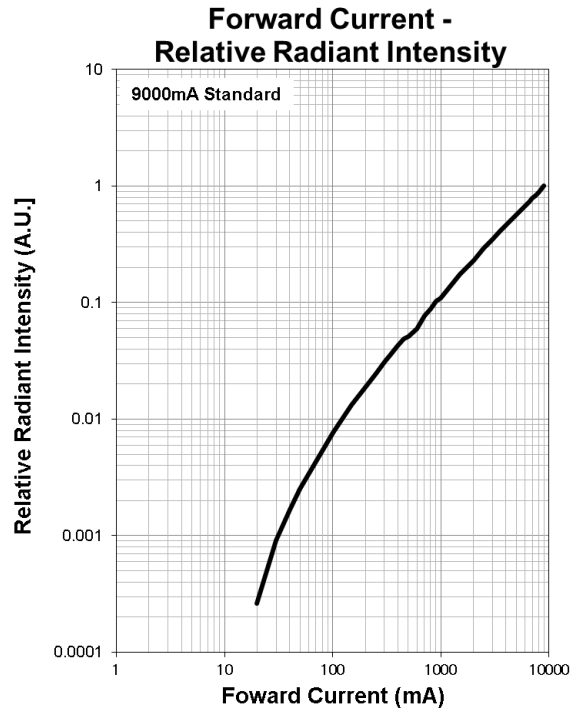
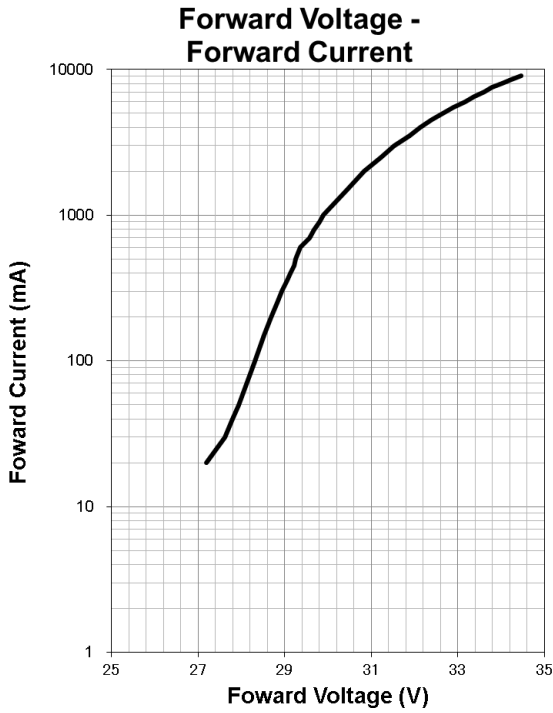
※No condensation

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

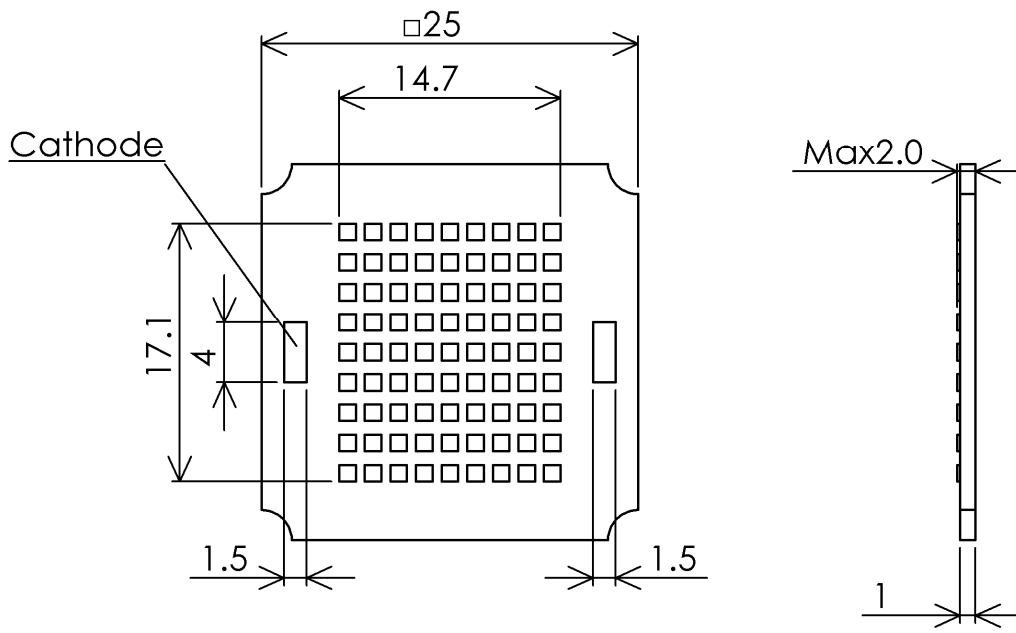
Parameter	Symbol	Min	Typ	Max	Unit	Test Condition
Forward Voltage	$V_F$		34	39	V	$I_F=9A$
Radiated Power	$P_O$		93		W	$I_F=9A$
Peak Wavelength	$\lambda_P$		365		nm	$I_F=9A$
Half Width	$\Delta \lambda$		13		nm	$I_F=9A$
Viewing Half Angle	$\theta 1/2$		$\pm 60$		deg	$I_F=9A$

※Radiated Power is measured by MCPD-9800.

Typical Characteristic Curves



Outline



Unit : mm