

SHARP GH0393AA2G Multi-mode UV Laser Diode



↶ To the Wavelength
↶ To the Package

$\phi 5.6\text{mm}$ TO-CAN Package

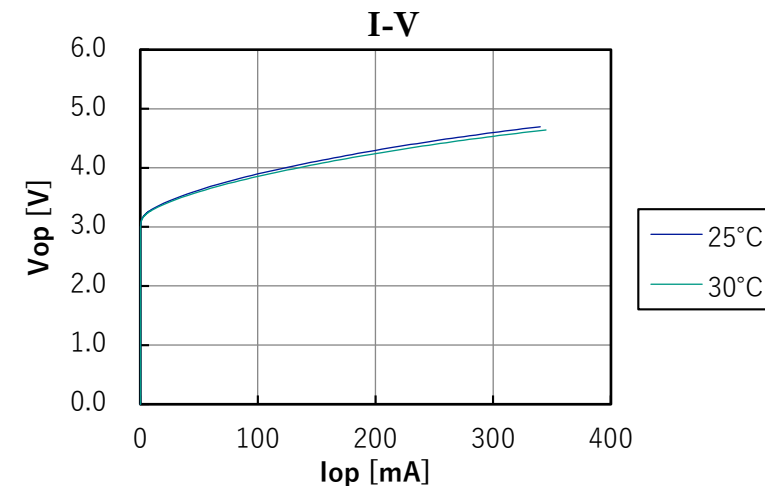
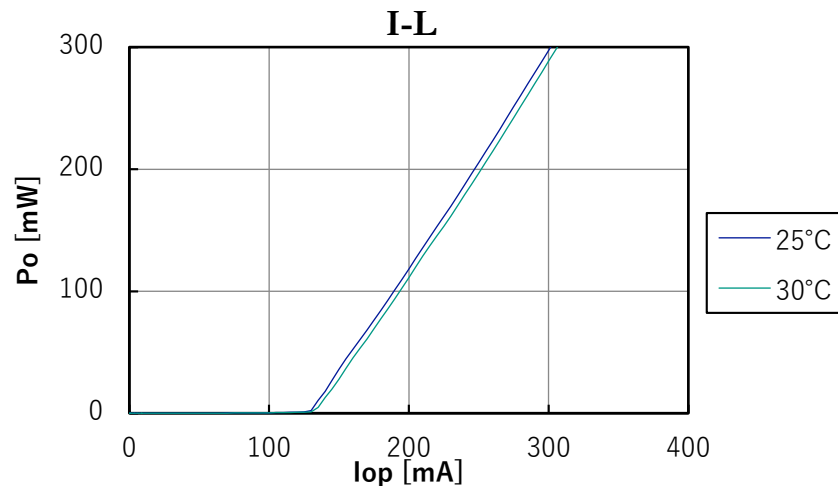
March 2022

Characteristics

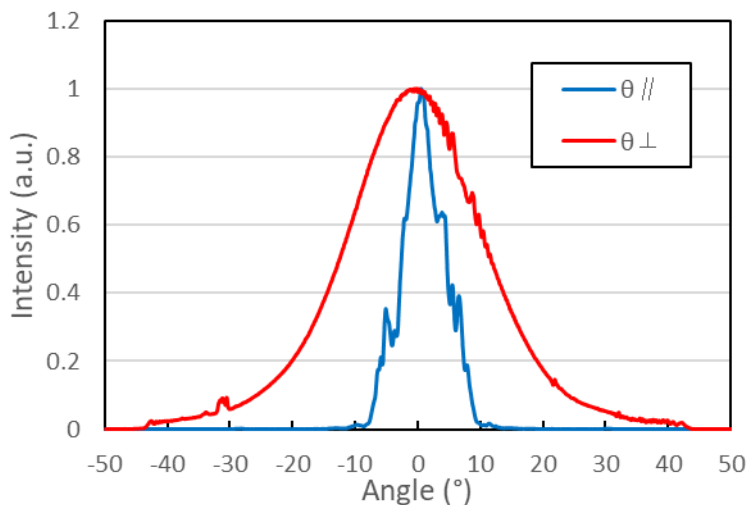
($T_c=25^\circ\text{C}$, CW)

Item	Conditions	Characteristic value(TYP.)
Wavelength(Peak)	$P_o=300\text{mW}$	395nm
Output(mW) [Max]	—	300mW [350mW]
Threshold current	—	150mA
Operating current	$P_o=300\text{mW}$	310mA
Operating voltage	$P_o=300\text{mW}$	4.4V
Far Field ($1/e^2$ ($^\circ$))	$P_o=300\text{mW}$	$\theta// 13, \theta\perp 44$
Terminal connections	No.9	$\phi 5.6$

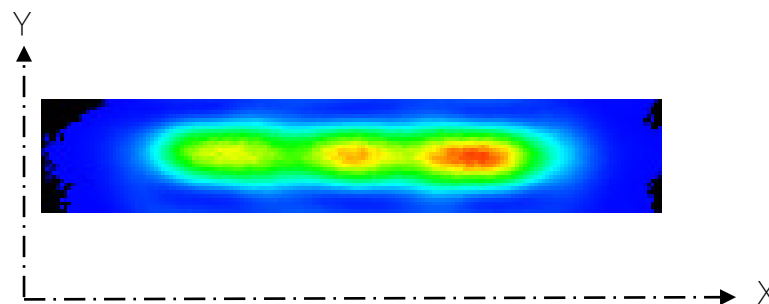
CW I-L, I-V Temperature



Far Field Pattern



Near Field Pattern



	FWHM(μm)	$1/e$ (μm)	$1/e^2$ (μm)
X	7.0	7.5	8.7
Y	0.9	1.1	1.5

