

●Under development

SHARP

GH0652CA2GC Single-mode Red Laser Diode



[To the Wavelength](#)

[To the Package](#)

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

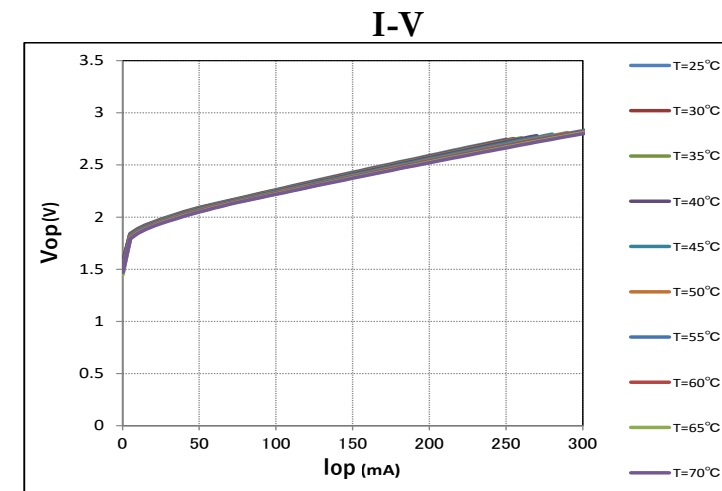
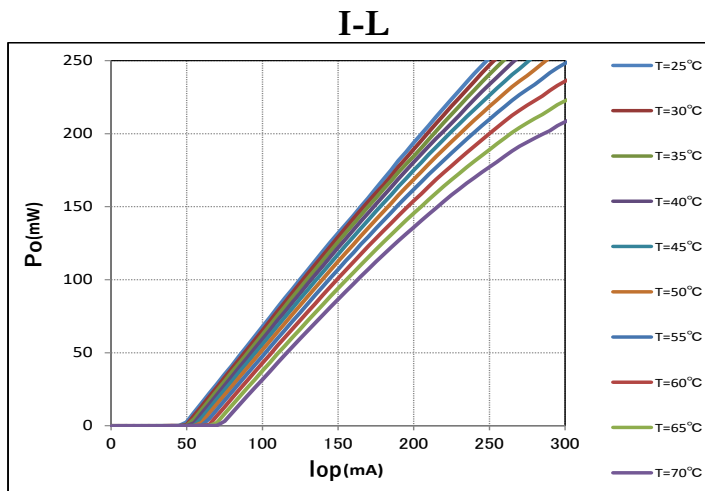
March 2022

■ Characteristics

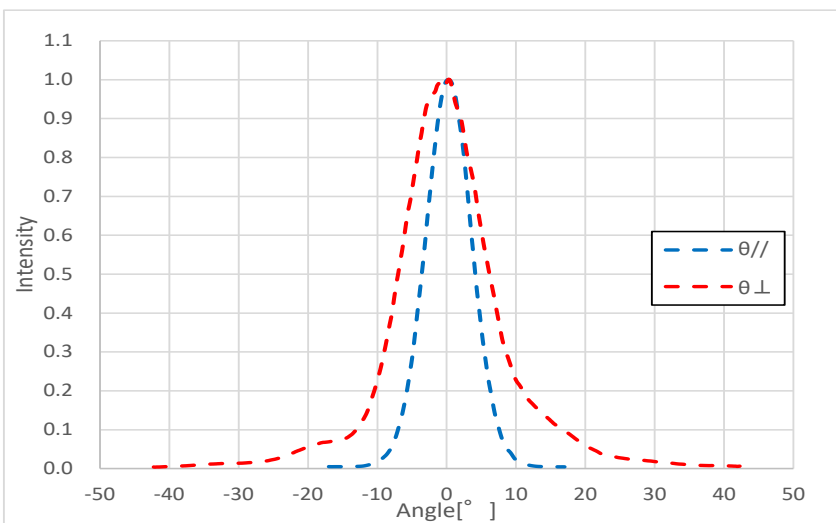
($T_c=25^\circ\text{C}$, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	$P_o=200\text{mW}$	650nm
Output(mW) [Max]	—	200mW [220mW]
Threshold current	—	55mA
Operating current	$P_o=200\text{mW}$	220mA
Operating voltage	$P_o=200\text{mW}$	2.6V
Far Field (FWHM ($^\circ$))	$P_o=200\text{mW}$	$\theta_{//} 8, \theta_{\perp} 12.5$
Terminal connections	No.9	$\phi 5.6$

■ CW I-L, I-V Temperature



■ Far Field Pattern



■ Near Field Pattern

