

SHARP GH1631AA8C Single-mode Red Laser Diode



↶ To the Wavelength

↶ To the Package

t1.8mm Frame Package

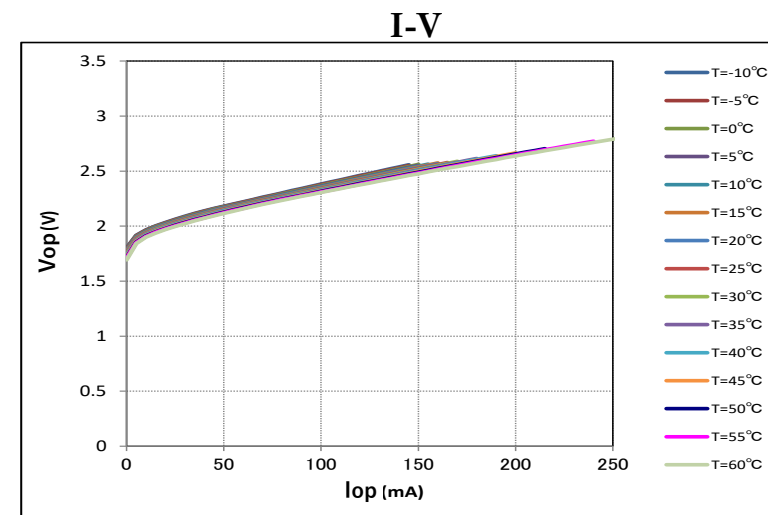
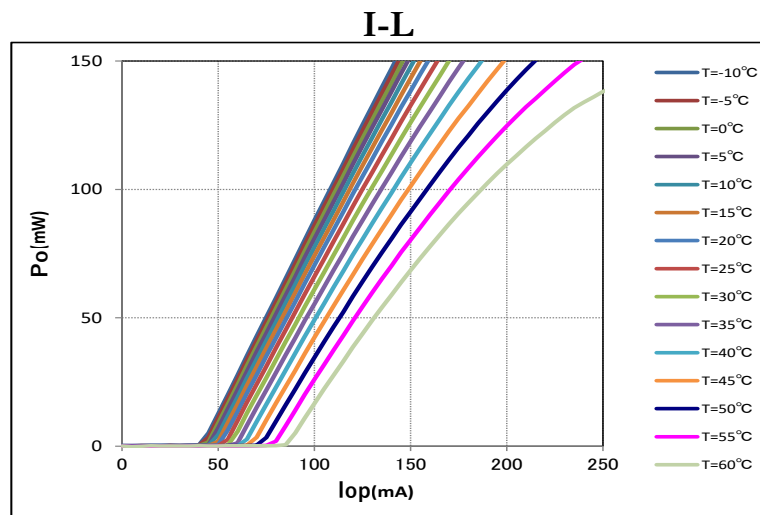
March 2022

Characteristics

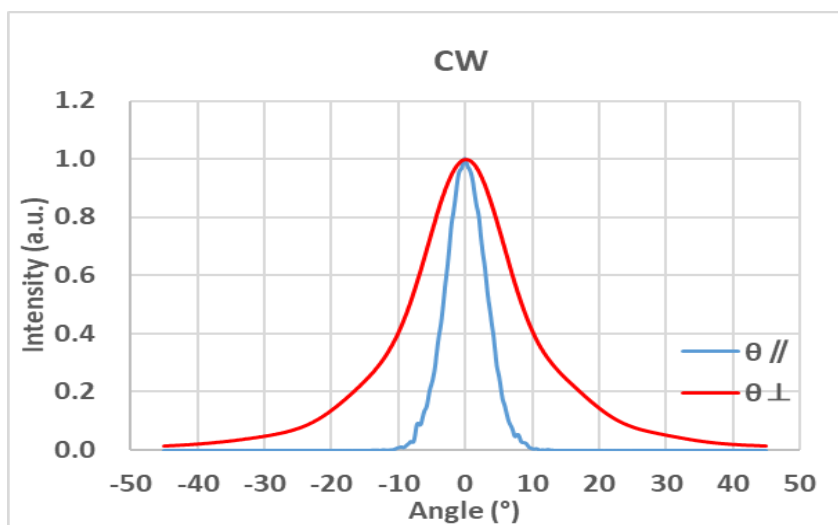
(T_c=25°C, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	P _o =100mW	638nm
Output(mW)	—	100mW
Threshold current	—	50mA
Operating current	P _o =100mW	130mA
Operating voltage	P _o =100mW	2.45V
Far Field (FWHM (°))	P _o =100mW	θ// 8, θ⊥ 15
Terminal connections	No.6	t1.8

CW I-L, I-V Temperature



Far Field Pattern



Near Field Pattern

