

# SHARP GH16P32B8C Single-mode Red Laser Diode



To the Wavelength

To the Package

t1.8mm Frame Package

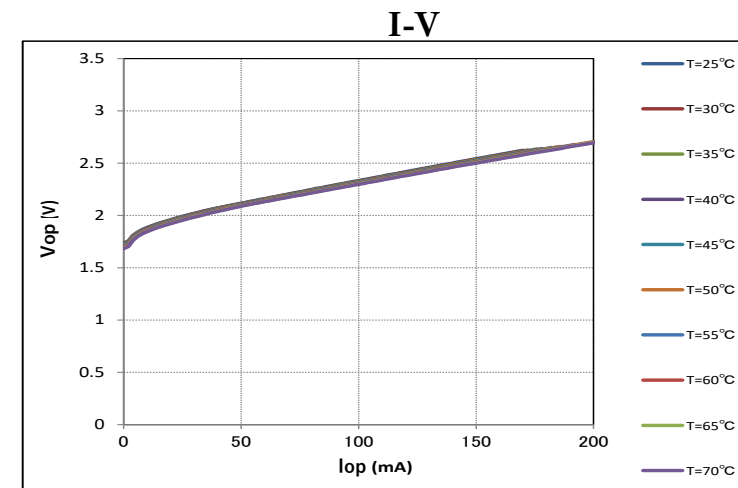
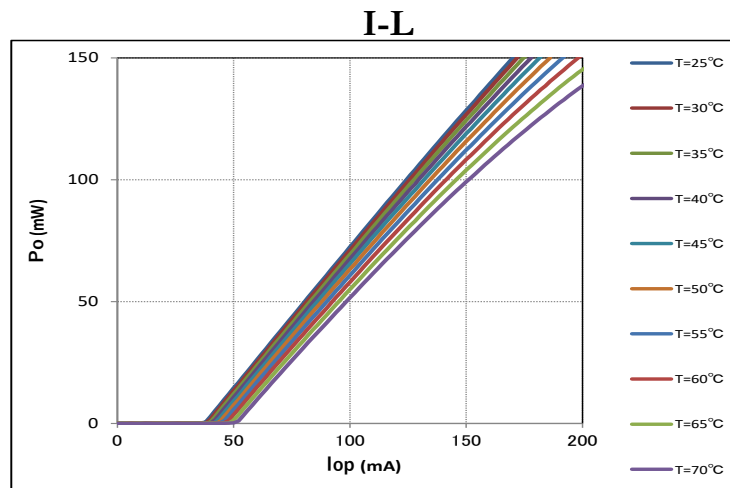
March 2022

## Characteristics

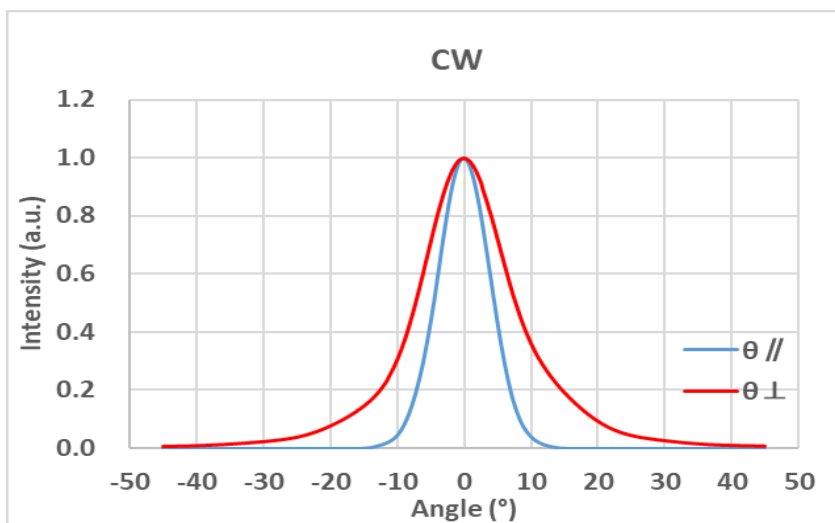
(Tc=25°C, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	Po=90mW	661nm
Output(mW) [Max]	—	90mW [100mW]
Threshold current	—	42mA
Operating current	Po=90mW	120mA
Operating voltage	Po=90mW	2.3V
Far Field (FWHM (°))	Po=90mW	$\theta//$ 9.3, $\theta\perp$ 15
Terminal connections	No.6	t1.8

## CW I-L, I-V Temperature



## Far Field Pattern



## Near Field Pattern

