

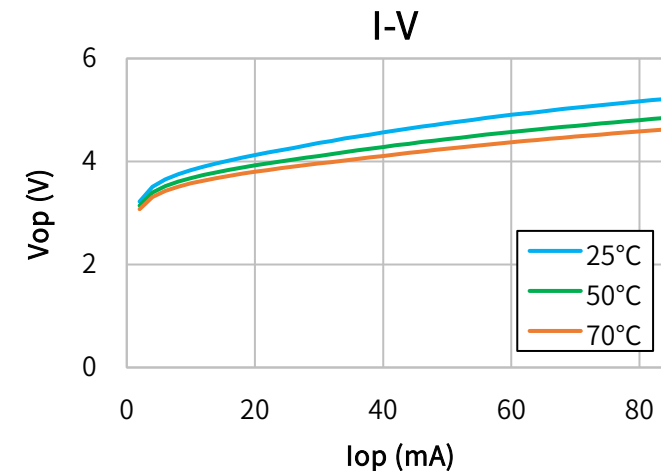
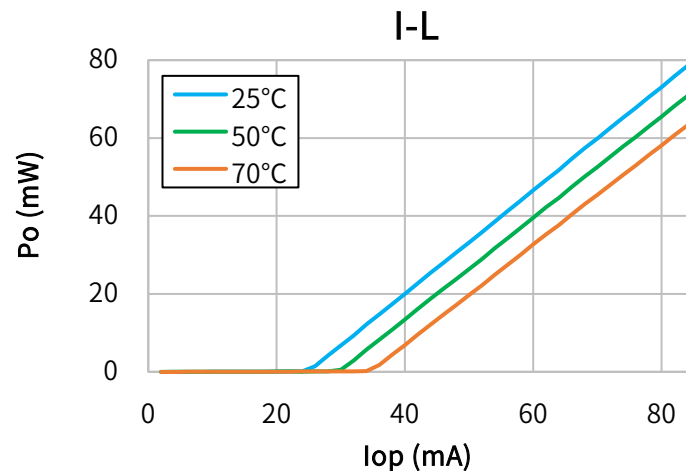


Characteristics

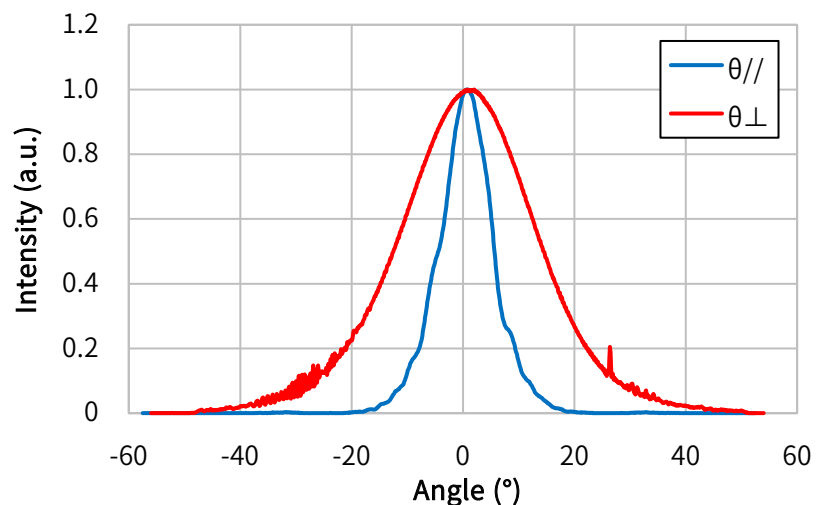
(T_c=25°C, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	Po=80mW	450nm
Output [Max]	—	80mW[85mW]
Threshold current	—	22mA
Operating current	Po=80mW	84mA
Operating voltage	Po=80mW	5.1V
Far Field (FWHM)	Po=80mW	$\theta_{//}$ 10°, $\theta_{\perp}$ 24°
Terminal connections	No.8	
Package type	ϕ5.6	

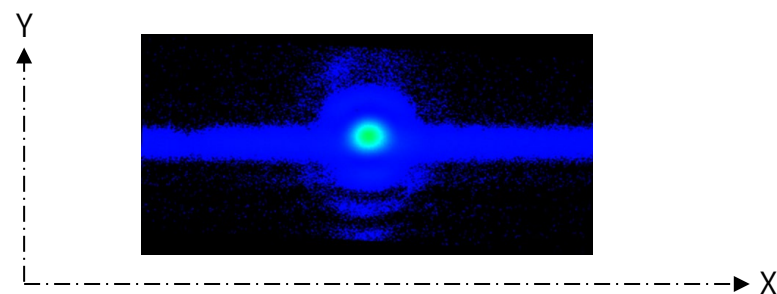
CW I-L, I-V Temperature



Far Field Pattern



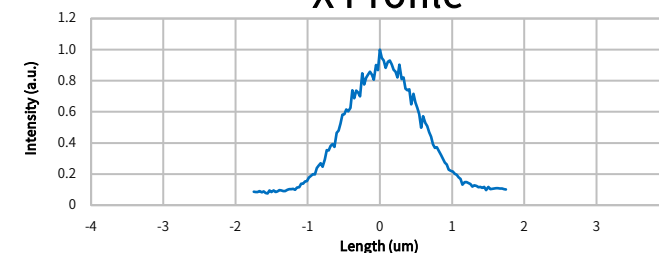
Near Field Pattern



Emitter size

	FWHM (μ m)	1/e (μ m)	1/e ² (μ m)
X	1.2	1.4	2.4
Y	0.8	1.0	1.4

X Profile



Y Profile

