

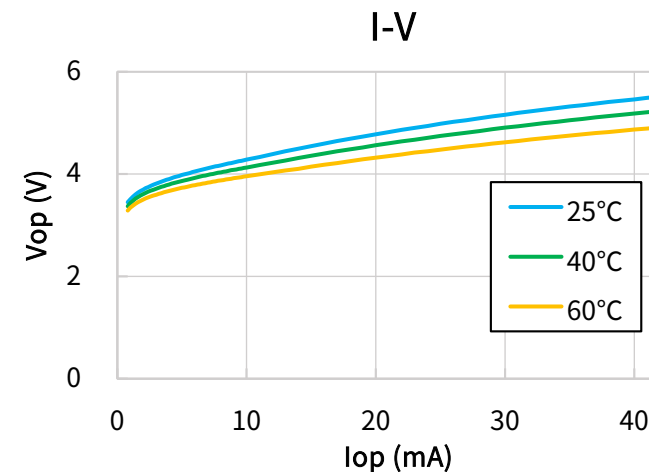
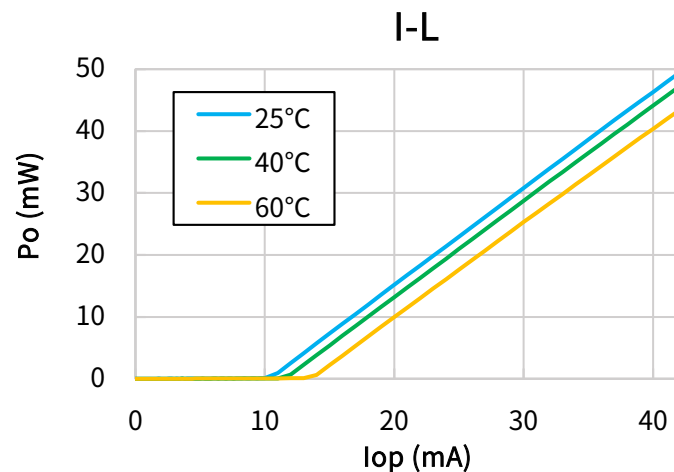


Characteristics

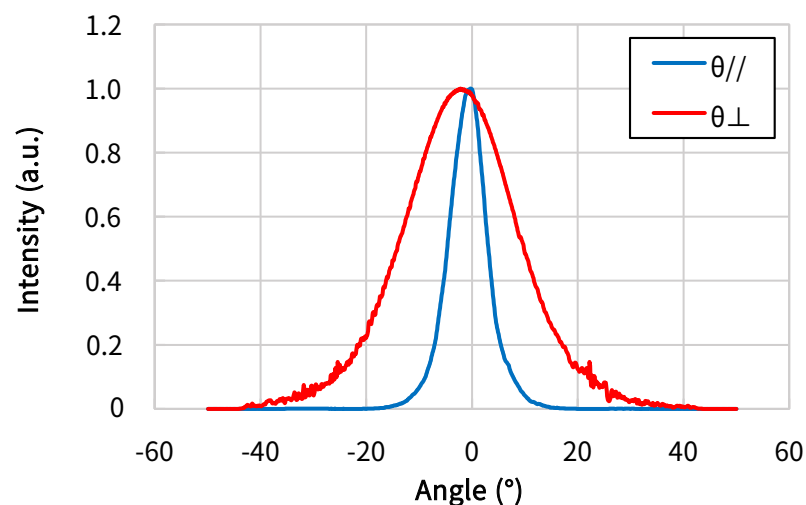
(T_c=25°C, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	Po=50mW	450nm
Output [Max]	—	50mW
Threshold current	—	12mA
Operating current	Po=50mW	42mA
Operating voltage	Po=50mW	5.5V
Far Field (FWHM)	Po=50mW	$\theta_{//}$ 8°, $\theta_{\perp}$ 24°
Terminal connections	No.8	
Package type	$\phi 5.6$	

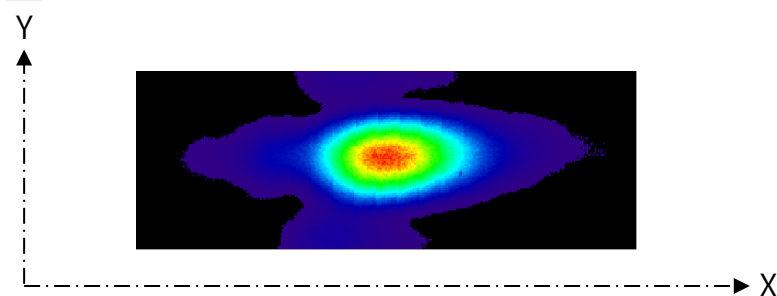
CW I-L, I-V Temperature



Far Field Pattern



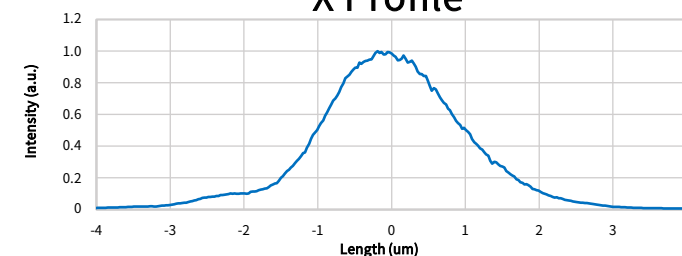
Near Field Pattern



Emitter size

	FWHM (μm)	1/e (μm)	1/e ² (μm)
X	2.03	2.41	3.59
Y	0.9	1.07	1.44

X Profile



Y Profile

