

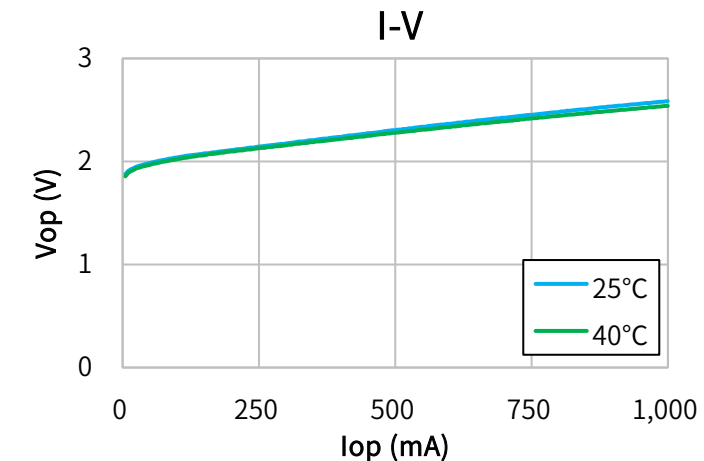
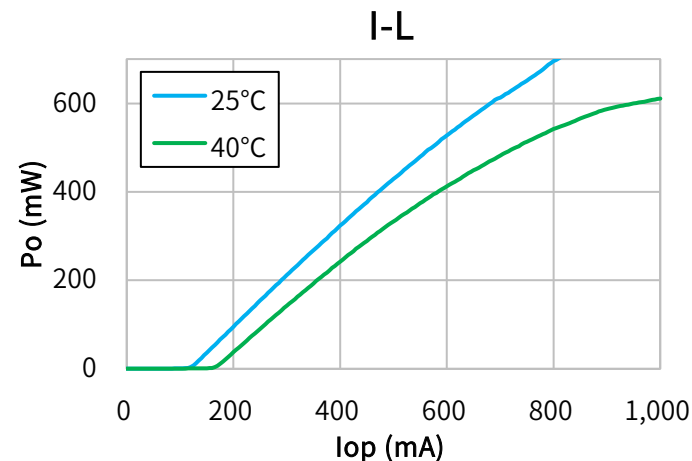


## Characteristics

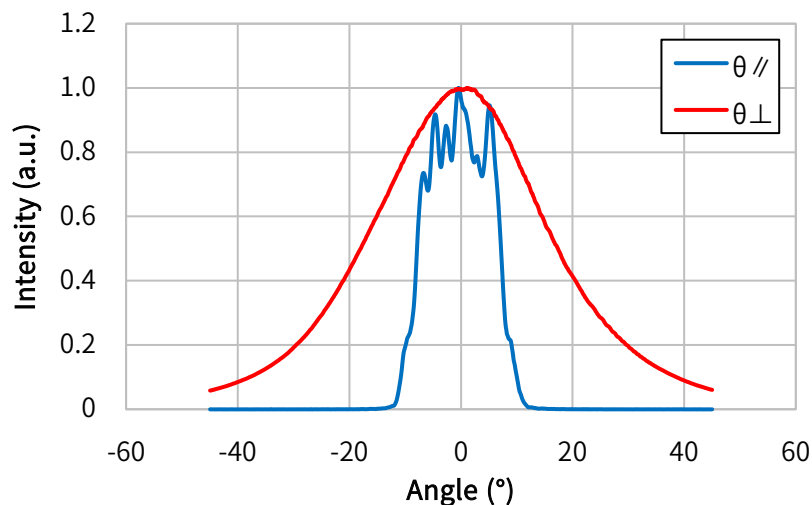
(Tc=25°C, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	Po=700mW	638nm
Output [Max]	—	700mW
Threshold current	—	110mA
Operating current	Po=700mW	810mA
Operating voltage	Po=700mW	2.5V
Far Field (FWHM)	Po=700mW	$\theta_{//}$ 16°, $\theta_{\perp}$ 35°
Terminal connections	<a href="#">No.9</a>	<a href="#">φ5.6</a>

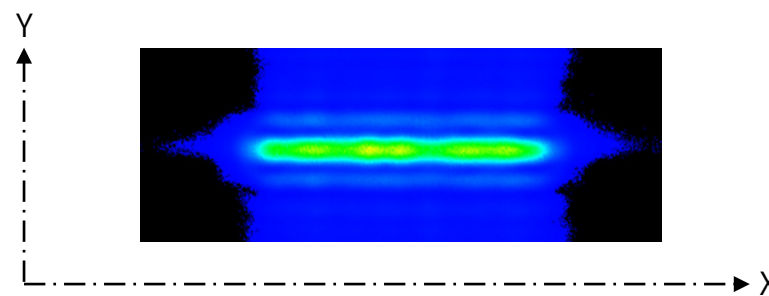
## CW I-L, I-V Temperature



## Far Field Pattern



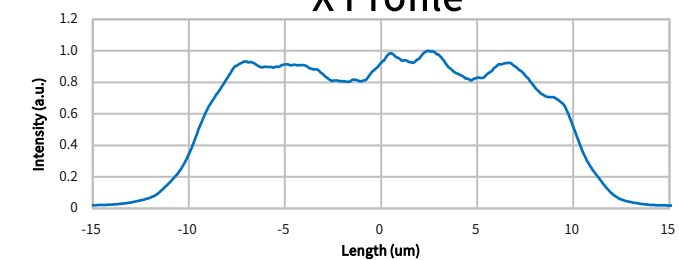
## Near Field Pattern



Emitter size

	FWHM (μm)	1/e (μm)	1/e <sup>2</sup> (μm)
X	19.5	20.4	22.9
Y	1.2	1.5	2.1

## X Profile



## Y Profile

