



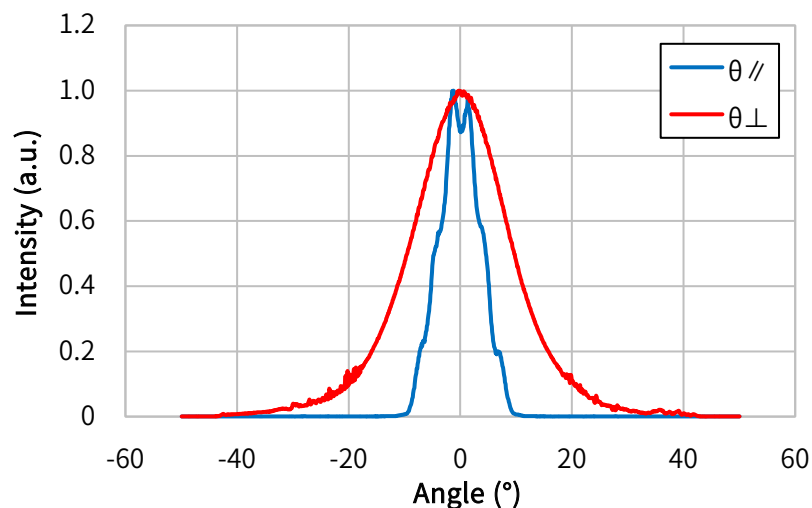
Characteristics

(T_c=25°C, CW)

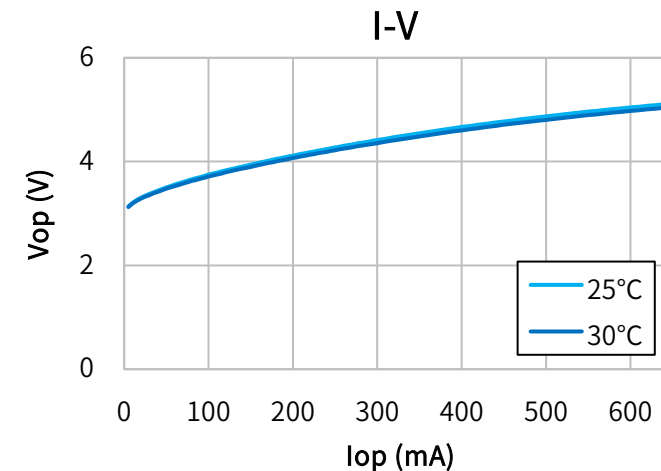
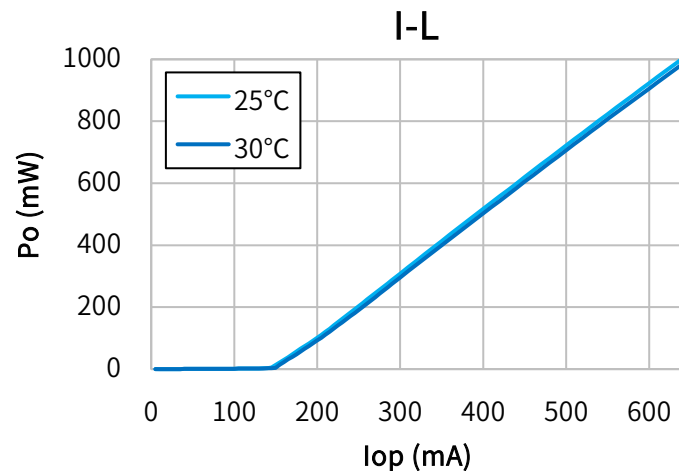
Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	Po=1000mW	405nm
Output [Max]	—	1000mW [1100mW]
Threshold current	—	150mA
Operating current	Po=1000mW	650mA
Operating voltage	Po=1000mW	5.0V
Far Field (1/e ²)	Po=1000mW	$\theta_{//}$ 16°, $\theta_{\perp}$ 40°

Terminal connections	No.9
Package type	$\phi 5.6$

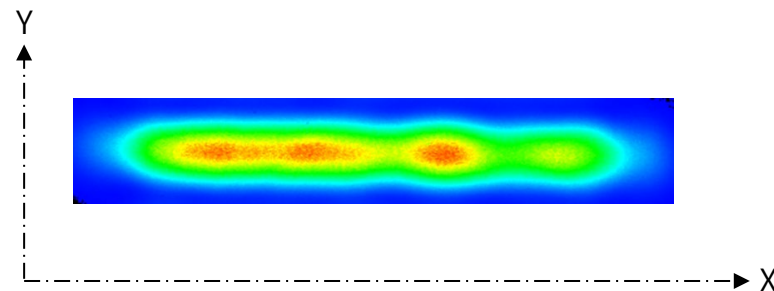
Far Field Pattern



CW I-L, I-V Temperature



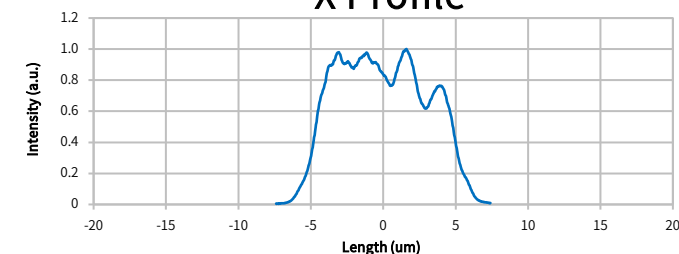
Near Field Pattern



Emitter size

	FWHM (μm)	1/e (μm)	1/e ² (μm)
X	9.5	9.9	11.5
Y	0.9	1.1	1.5

X Profile



Y Profile

