

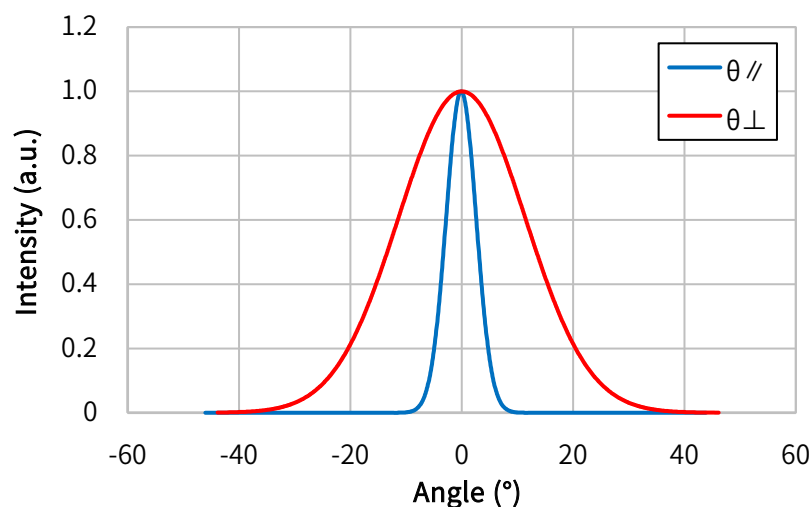


Characteristics

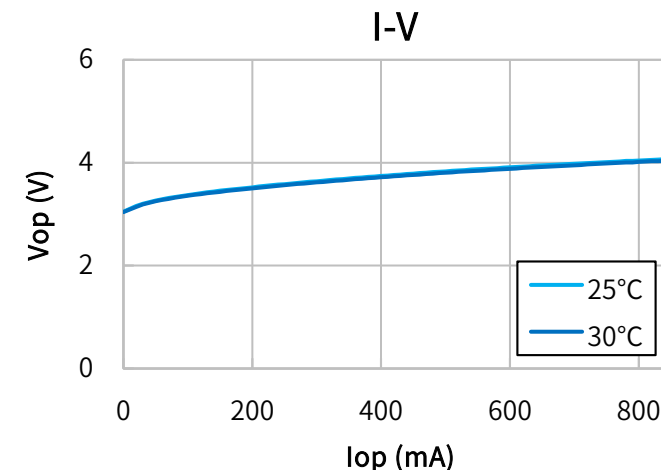
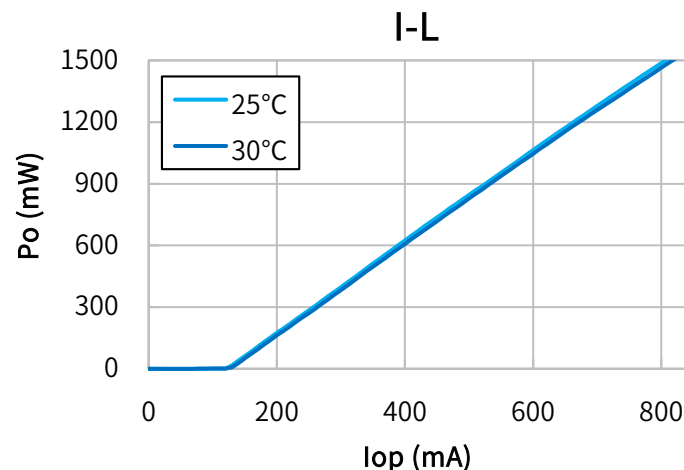
(T_c=25°C, CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	Po=1500mW	425nm
Output [Max]	—	1500mW [1600mW]
Threshold current	—	120mA
Operating current	Po=1500mW	850mA
Operating voltage	Po=1500mW	4.2V
Far Field (1/e ²)	Po=1500mW	$\theta_{//}$ 8°, $\theta_{\perp}$ 47°
Terminal connections	No.9	
Package type	ϕ5.6	

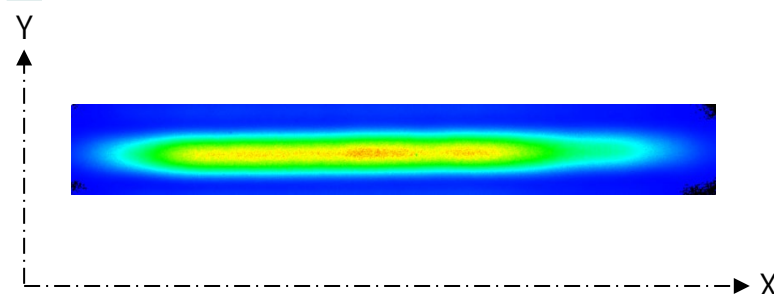
Far Field Pattern



CW I-L, I-V Temperature



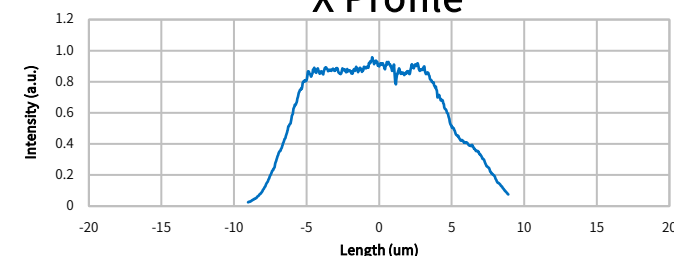
Near Field Pattern



Emitter size

	FWHM (μ m)	1/e (μ m)	1/e ² (μ m)
X	11.7	13.7	16.3
Y	0.8	1.0	1.4

X Profile



Y Profile

