



[To the Wavelength](#)

[To the Package](#)

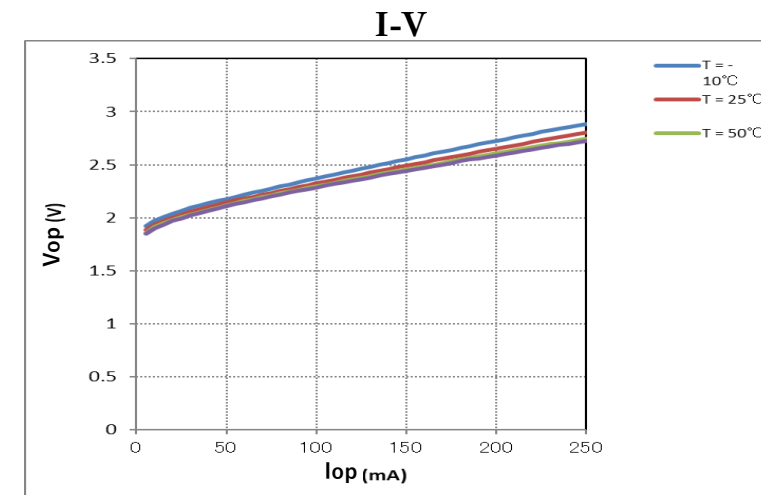
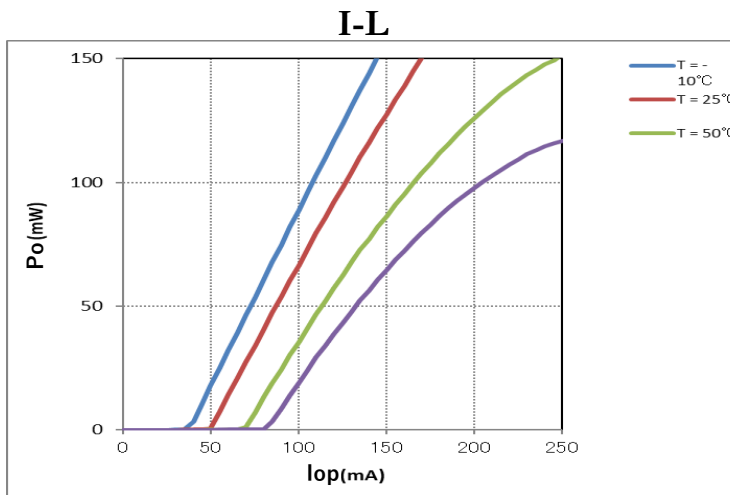
$\phi 3.8\text{mm}$  *TO-CAN Package*

## ■ Characteristics

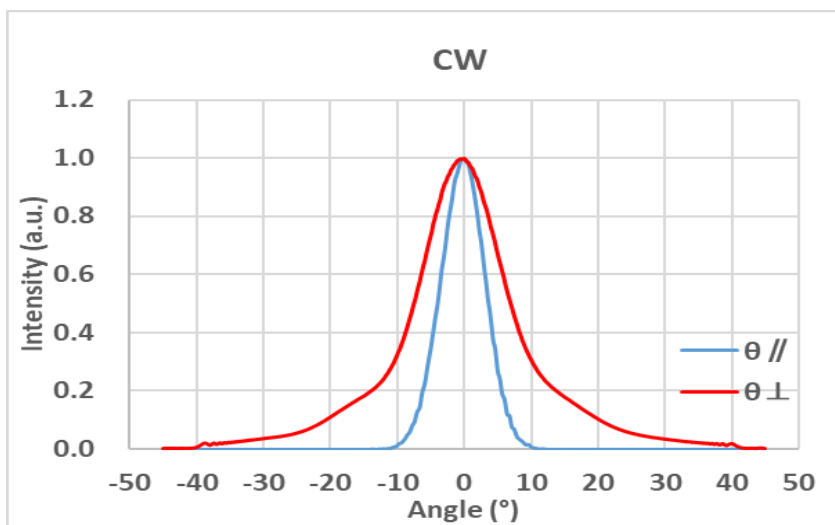
( $T_c=25^\circ\text{C}$ , CW)

Item	Conditions	Characteristic value (TYP.)
Wavelength (Peak)	$P_o=120\text{mW}$	638nm
Output(mW) [Max]	—	120mW [120mW]
Threshold current	—	50mA
Operating current	$P_o=120\text{mW}$	150mA
Operating voltage	$P_o=120\text{mW}$	2.5V
Far Field (FWHM ( $^\circ$ ))	$P_o=120\text{mW}$	$\theta_{//} 8, \theta_{\perp} 15$
Terminal connections	<a href="#">No.8</a>	<a href="#"><math>\phi 3.8</math></a>

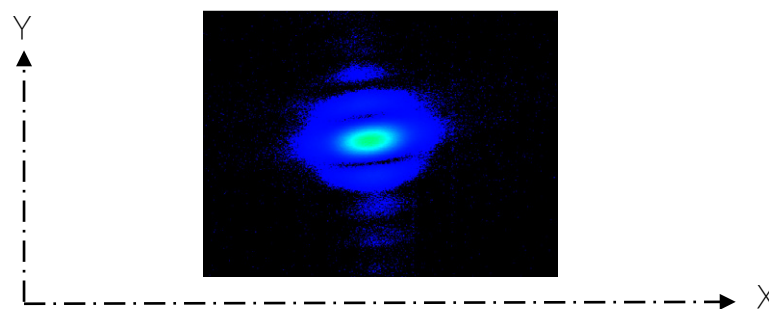
## ■ CW I-L, I-V Temperature



## ■ Far Field Pattern



## ■ Near Field Pattern



Emitter size	FWHM( $\mu\text{m}$ )	$1/e^2$ ( $\mu\text{m}$ )
Beam $\perp$	1.05	1.71
Beam $//$	2.4	4.47

