

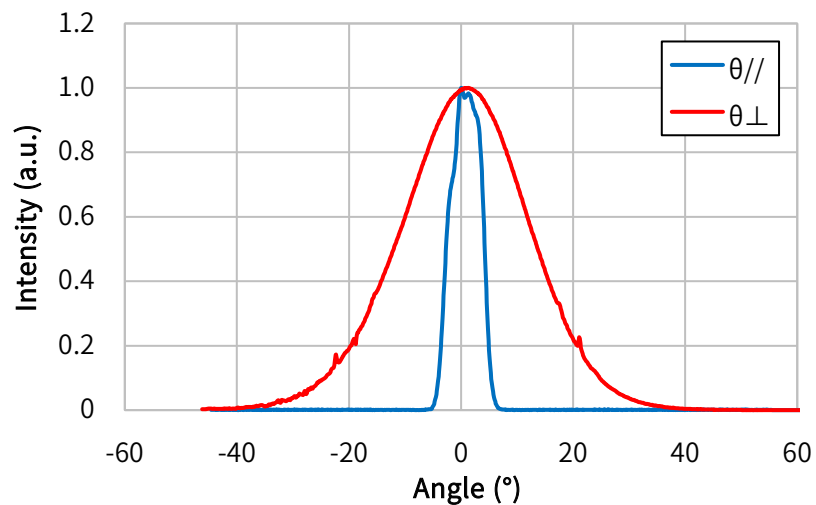


## Characteristics

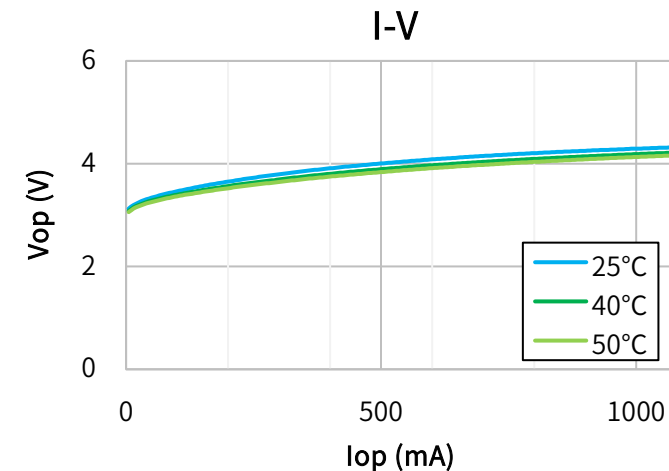
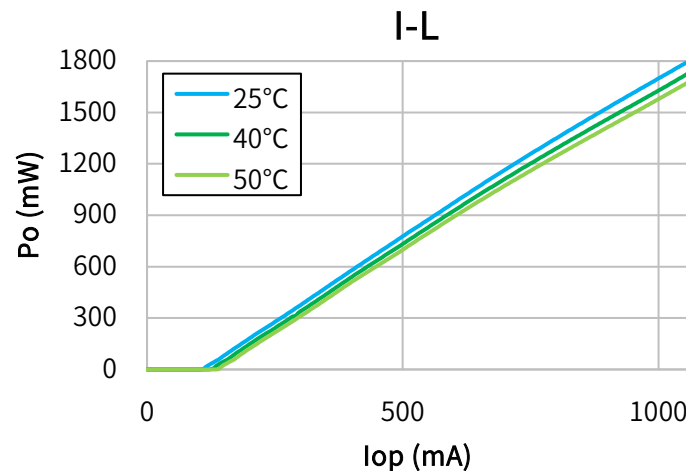
(T<sub>c</sub>=25°C, CW)

| Item                 | Conditions                            | Characteristic value (TYP.)            |
|----------------------|---------------------------------------|----------------------------------------|
| Wavelength (Peak)    | P <sub>o</sub> =1800mW                | 450nm                                  |
| Output [Max]         | —                                     | 1800mW<br>[2000mW]                     |
| Threshold current    | —                                     | 110mA                                  |
| Operating current    | P <sub>o</sub> =1800mW                | 1100mA                                 |
| Operating voltage    | P <sub>o</sub> =1800mW                | 4.1V                                   |
| Far Field (FWHM)     | P <sub>o</sub> =1800mW                | $\theta_{//}$ 7°, $\theta_{\perp}$ 26° |
| Terminal connections | <a href="#">No.9</a>                  |                                        |
| Package type         | <a href="#"><math>\phi 5.6</math></a> |                                        |

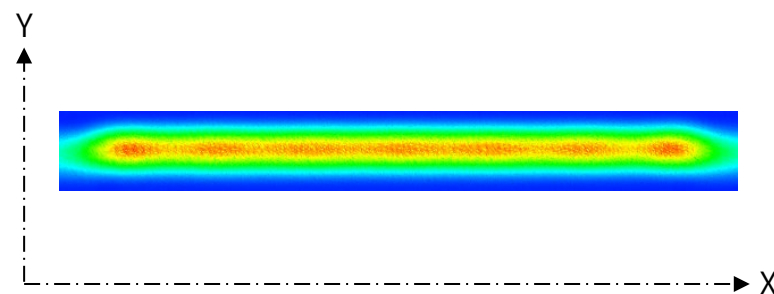
## Far Field Pattern



## CW I-L, I-V Temperature



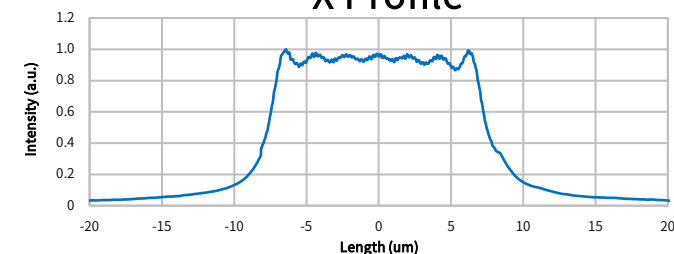
## Near Field Pattern



Emitter size

|   | FWHM (μm) | 1/e (μm) | 1/e <sup>2</sup> (μm) |
|---|-----------|----------|-----------------------|
| X | 15.1      | 16.1     | 20.2                  |
| Y | 0.8       | 1.0      | 1.3                   |

## X Profile



## Y Profile

