



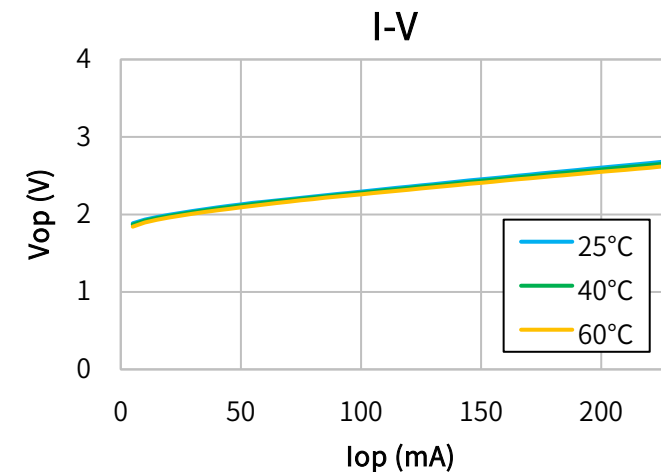
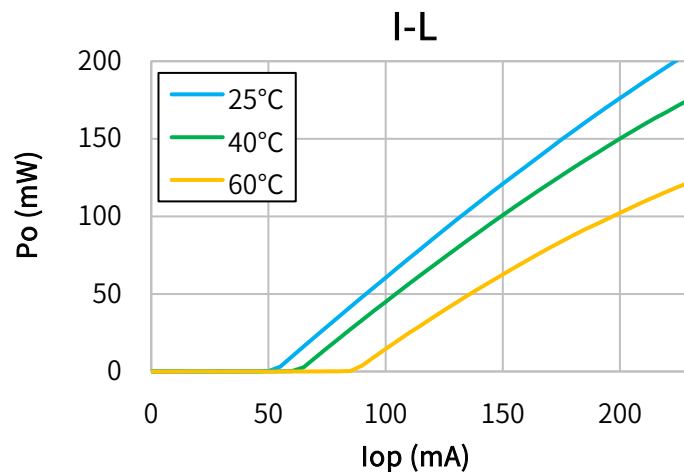
Characteristics

(T_c=25°C, CW)

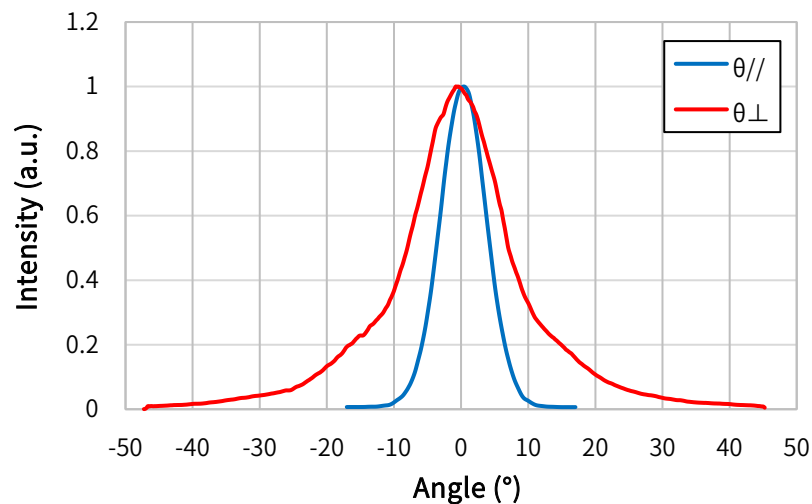
| Item | Conditions | Characteristic value (TYP.) |
|-------------------|-----------------------|-----------------------------|
| Wavelength (Peak) | P _o =180mW | 639nm |
| Output [Max] | — | 180mW [185mW] |
| Threshold current | — | 55mA |
| Operating current | P _o =180mW | 215mA |
| Operating voltage | P _o =180mW | 2.7V |
| Far Field (FWHM) | P _o =180mW | θ// 8°, θ⊥ 15° |

| | |
|----------------------|----------------------|
| Terminal connections | No.9 |
| Package type | φ5.6 |

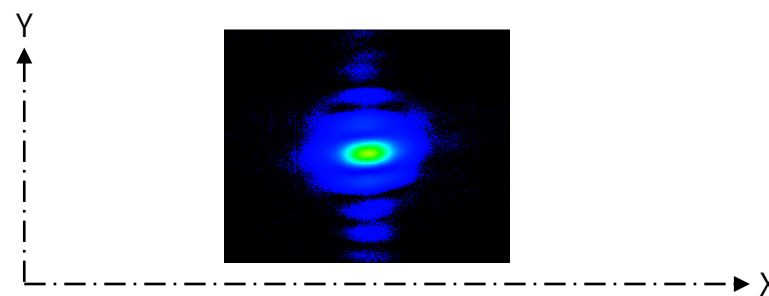
CW I-L, I-V Temperature



Far Field Pattern



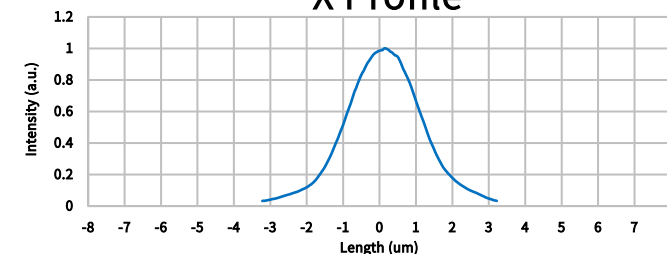
Near Field Pattern



Emitter size

| | FWHM (μm) | 1/e ² (μm) |
|---|-----------|-----------------------|
| X | 2.3 | 4.1 |
| Y | 1.0 | 1.6 |

X Profile



Y Profile

