

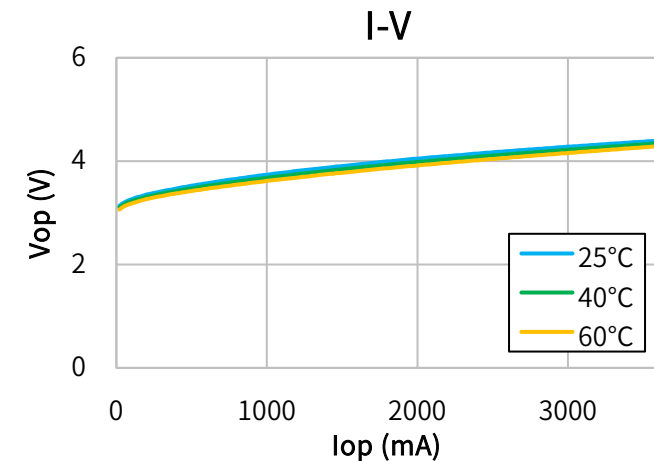
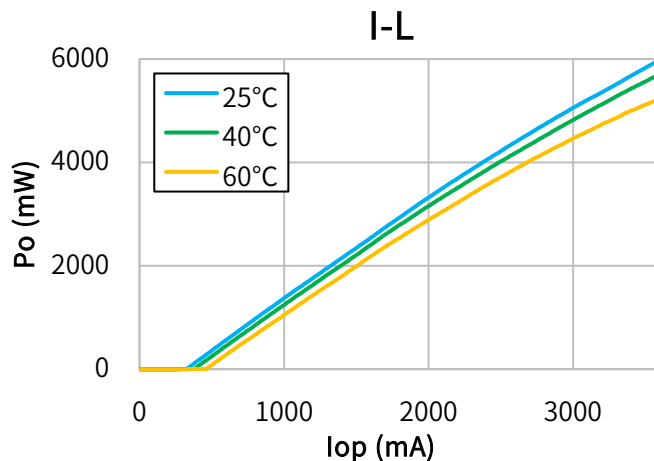


Characteristics

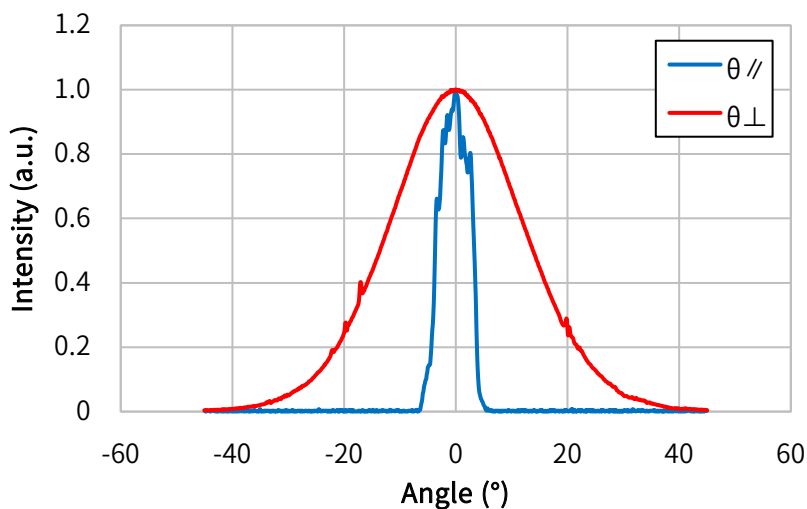
(Tc=25°C, CW)

| Item | Conditions | Characteristic value (TYP.) |
|--------------------------------|-----------------------|-----------------------------|
| Wavelength (Peak) | Po=5000mW | 435nm |
| Output | — | 5000mW |
| Threshold current | — | 350mA |
| Operating current | Po=5000mW | 3100mA |
| Operating voltage | Po=5000mW | 4.5V |
| Far Field (1/e ²) | Po=5000mW | θ// 9°, θ⊥ 47° |
| Terminal connections | No.13 | φ9.0 |

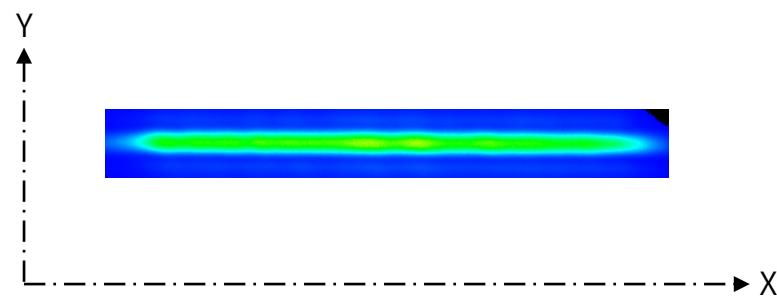
CW I-L, I-V Temperature



Far Field Pattern



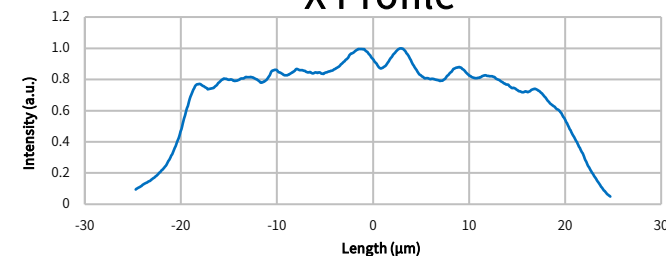
Near Field Pattern



Emitter size

| | FWHM (μm) | 1/e (μm) | 1/e ² (μm) |
|---|-----------|----------|-----------------------|
| X | 40.2 | 42.0 | 47.1 |
| Y | 1.4 | 1.7 | 2.4 |

X Profile



Y Profile

