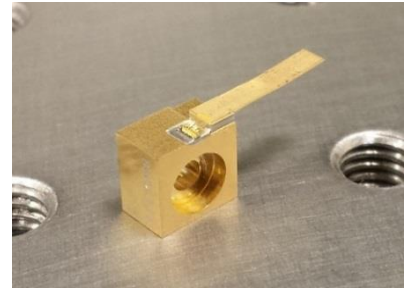


**2100 nm FABRY-PEROT LASER DIODE**

**Product number:** 41425

**Package:** C-mount



## Specifications

### Physical properties

|               |    |       |
|---------------|----|-------|
| Cavity length | mm | 1,5   |
| Ridge width   | μm | 120   |
| AR coating    | %  | 3 - 5 |
| HR coating    | %  | > 95  |

### Electrical properties

|                            |    |          |
|----------------------------|----|----------|
| Threshold current          | mA | 400      |
| Maximum operating current* | A  | <b>5</b> |
| Maximum operating voltage* | V  | 1,29     |

### Optical properties

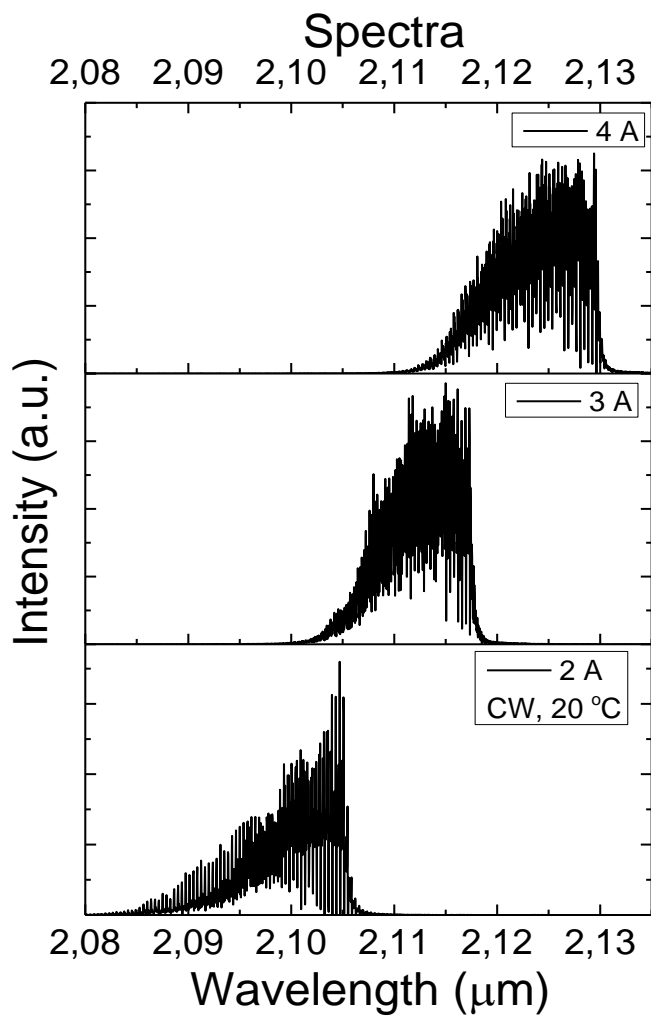
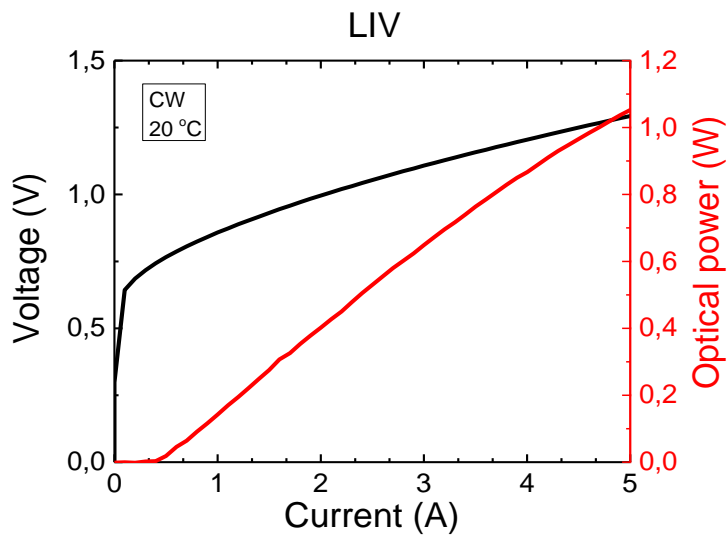
|                     |      |           |
|---------------------|------|-----------|
| Peak output power   | mW   | 1053      |
| Center wavelength** | nm   | 2123      |
| Mode                |      | Multimode |
| Wavelength shift    | nm/A | 10,4      |

**\*Exceeding maximum operating ratings can lead to permanent damage to the device! This can adversely affect device performance or lead to complete failure.**

\*\* 20 °C, Continuous-wave operation, 4 A



## Performance plots



**Drawings**

