

[See all 15 Products in Family](#)

## 50mW, 808nm LC Turnkey Laser



Low Cost Turnkey Laser & Power Supply (Included)



Stock **#19-489** **1 In Stock**

-

1

+

€2.607<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €2.607,00 each                |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads



| General |                         |
|---------|-------------------------|
| <5      | Warm-Up Time (minutes): |
| Diode   | Type of Laser:          |
| IIIb    | Laser Class - CDRH:     |

|                                             |  |                           |
|---------------------------------------------|--|---------------------------|
| Mean Time to Failure MTTF (hours):          |  | 10000                     |
| Physical & Mechanical Properties            |  |                           |
| Pointing Stability after Warm Up (mrad/°C): |  | <0.05                     |
| Dimensions (mm):                            |  | 143.5 x 73.0 x 46.2       |
| Beam Height from Base Plate (mm):           |  | 24.8                      |
| Optical Properties                          |  |                           |
| Polarization:                               |  | >50:1                     |
| Wavelength (nm):                            |  | 808.00                    |
| Wavelength Tolerance (nm):                  |  | ±3                        |
| Beam Diameter (mm):                         |  | 3.5                       |
| Beam Divergence (mrad):                     |  | <1.0                      |
| Color:                                      |  | Infrared                  |
| Electrical                                  |  |                           |
| Output Power (mW):                          |  | 50                        |
| Power Stability (%):                        |  | <2% RMS over 4 hours      |
| Modulation Frequency (kHz):                 |  | 1                         |
| Hardware & Interface Connectivity           |  |                           |
| Power Supply:                               |  | 162 x 144 x 70            |
| Power Requirement:                          |  | 100-240VAC                |
| Output Type:                                |  | Free Space                |
| Regulatory Compliance                       |  |                           |
| RoHS 2015:                                  |  | <a href="#">Compliant</a> |
| Certificate of Conformance:                 |  | <a href="#">View</a>      |
| Reach 233:                                  |  | <a href="#">Compliant</a> |

## Product Details

- Multiple Colors and Wavelengths Available
- Ideal for Microscopy Applications
- TE Cooled

Low Cost Turnkey Lasers offer excellent beam quality and output powers up to 50mW. These lasers feature compact designs for simplified integration and manually adjustable output power through the control box. Each laser features TE cooling and flexible interface allowing for digital or analog modulation, with multiple color and wavelength options available. Low Cost Turnkey Lasers are ideal for research, flow cytometry, and microscope illumination applications.

**Note:** Power supply included. Fiber-coupled lasers include 1m SMA905 coupled fiber.

## Technical Information

