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## 50mW 785nm LC Turnkey Laser



Low Cost Turnkey Laser & Power Supply (Included)



Stock #19-488 **2 In Stock**

- 1 + MRP ₹3,35,592

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹3,35,592 each
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### Product Downloads



### General

<5	Warm-Up Time (minutes):
Diode	Type of Laser:
IIIb	Laser Class - CDRH:
	Mean Time to Failure MTTF (hours):

## 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):**

785.00

**Wavelength Tolerance (nm):**

±5

**Beam Diameter (mm):**

4

**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:**

[Compliant](#)

**Certificate of Conformance:**

[View](#)

**Reach 233:**

[Compliant](#)

**Country of Origin:**

China

**Imported By:**

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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

