

## 10mW, 850nm Alignment Laser Diode



Red and IR Alignment Laser Diode

Stock **#37-040** **14 In Stock**

- 1 + C\$340<sup>20</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-9	C\$340.20 each
Qty 10+	C\$306.18 each
Need More?	<a href="#">Request Quote</a>

**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads



### General

Laser Class - CDRH:  
IIIb

### Physical & Mechanical Properties

Length (mm):  
36.00

### Optical Properties

850.00	<b>Wavelength (nm):</b>
±5	<b>Wavelength Tolerance (nm):</b>
3 x1 Typical	<b>Beam Diameter (mm):</b>
Major Axis: 0.5 Minor Axis: 0.2	<b>Beam Divergence (mrad):</b>
Infrared	<b>Color:</b>

## Electrical

10	<b>Output Power (mW):</b>
0 - 10	<b>Modulation Frequency (kHz):</b>

## Hardware & Interface Connectivity

5	<b>Operating Voltage (V):</b>
Power Supply Required and Sold Separately. USA: <a href="#">#73-818</a> Europe: <a href="#">#73-818</a> Japan: <a href="#">#13-640</a> Korea: <a href="#">#33-770</a> China: <a href="#">#73-818</a>	<b>Power Supply:</b>

## Environmental & Durability Factors

-10 to 50	<b>Operating Temperature (°C):</b>
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## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 233:</b>

## Product Details

- Focus Adjustable
  - TTL Modulation up to 10kHz
  - 635nm, 780nm, 808nm, 850nm, and 980nm Wavelength Options
- Red and IR Alignment Laser Diodes are available in output powers from 1 to 100mW at 635nm, 780nm, 808nm, 850nm, and 980nm wavelengths. These low cost laser diode modules combine drive electronics and beam collimating optics, making them ideal for OEM integration applications. Red and IR Alignment Laser Diodes feature TTL Modulation up to 10kHz and are best utilized in alignment applications or systems with simple detectors.
- Note:** Power supply and mounting bracket are sold separately.