

## Standard, Premier Laser Diode Detector



Premier Laser Diode Detector

Stock **#58-760** **2 In Stock**

-

1

+

£97<sup>75</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | £97.75 each                   |
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 Prices shown are exclusive of VAT/local taxes

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

| Product Downloads |
|-------------------|
|-------------------|

## SPECIFICATIONS

### General

Standard

Type:

| Physical & Mechanical Properties                                                                                                                                                                                 |                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 15.00                                                                                                                                                                                                            | Diameter (mm):                         |
| 54.50                                                                                                                                                                                                            | Length (mm):                           |
| 50.00                                                                                                                                                                                                            | Weight (g):                            |
| Anodized Aluminum                                                                                                                                                                                                | Construction:                          |
| Optical Properties                                                                                                                                                                                               |                                        |
| 20.00                                                                                                                                                                                                            | Relative Ambient Light Rejection (dB): |
| Electrical                                                                                                                                                                                                       |                                        |
| >60                                                                                                                                                                                                              | AC & DC S/N Ratio for 1mW Input (dB):  |
| 750.00                                                                                                                                                                                                           | AC Output Frequency Response (kHz):    |
| 1.00                                                                                                                                                                                                             | AC Output Sensitivity @ 650nm (V/mW):  |
| <20                                                                                                                                                                                                              | Current (mA):                          |
| 5 - 10 DC                                                                                                                                                                                                        | Voltage (V):                           |
| Hardware & Interface Connectivity                                                                                                                                                                                |                                        |
| 4 pin JST                                                                                                                                                                                                        | Connector:                             |
| Power Supply:<br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#59-099</a><br>Europe: Not Available<br>Japan: <a href="#">#59-099</a><br>Korea: Not Available<br>China: <a href="#">#59-099</a> |                                        |
| 4 input/output leads                                                                                                                                                                                             | Electrical Leads/ Pin Connections:     |
| Environmental & Durability Factors                                                                                                                                                                               |                                        |
| -10 to +70                                                                                                                                                                                                       | Operating Temperature (°C):            |
| 90% RH                                                                                                                                                                                                           | Operating Humidity:                    |
| -40 to +85                                                                                                                                                                                                       | Storage Temperature (°C):              |
| Regulatory Compliance                                                                                                                                                                                            |                                        |
| <a href="#">Compliant</a>                                                                                                                                                                                        | RoHS 2015:                             |
| <a href="#">View</a>                                                                                                                                                                                             | Certificate of Conformance:            |
| <a href="#">Compliant</a>                                                                                                                                                                                        | Reach 240:                             |

## PRODUCT DETAILS

- Designed for Use with the [Premier Laser Diodes](#)
  - Wide Acceptance Angle
  - Ideal for Particle Detection and Densitometry
- Designed for use with the [Premier Laser Diodes](#), these detectors have a wide acceptance angle of 160 degrees and an amplification system, which makes them very versatile for indoor and outdoor applications. Condition monitoring such as fog and smoke, particle detection and densitometry are a few uses for the detector. The optional mount is a heavy duty clamp with a series of threaded holes for versatile integration at any angle. There is also a removable cover which exposes an M12 screw thread used for mounting.
- A power supply, sold separately, is required for operation. We recommend [#59-099](#) 5V Universal Power Supply.