Laser Diode Modules

From...

PHOTONIC PRODUCTS



The Modules

A range of visible and infrared laser diode modules consisting of laser diode, drive electronics and collimating lens in an anodised aluminium housing. Electrical connections are made via external flying leads. The lens system may be adjusted with the supplied key to produce either a collimated beam or focused spot. A choice of cylindrical (12mm dia.) or flange mount (25mm dia., 12mm A/F) packages, 43mm in length are available. Wavelengths range from 635nm-830nm and powers from 0.9 to 30mW. Output options include line generators, circularising optics and structured light diffractive optics. Modules can be supplied with various coloured sleeves to assist in wavelength/power identification.

Individual datasheets available by request, please contact our sales department

- **Quality, lightweight & robust design**
- **Visible & Infra-red models**
- **Wide range of wavelength and output power options**
- **Coloured wavelength/power identification**
- **Diverse range of lens systems**

Visit our website @ http://www.photonics.demon.co.uk

In House Design Facility

Photonics Products offer an in house design facility for applications where our standard products do not meet exact customer requirements. With over 15 years experience, our engineers are able to advise on the most suitable laser diode and lens arrangement for an application, design drive electronics and mechanical packaging.
Please contact our technical department to discuss your custom product requirements.

The Features

- **Reverse polarity protection**
- **2.7 - 6V operation**
- **On board regulation**
- **Output power stabilisation**
- **Interchangeable lens systems**

Typical Applications

- **Positioning**
- **Measurement**
- **Bar code reading**
- **Security**
- **Edge detection**
- **Alignment**
- **Target location**
- **Fibre optic testing**

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