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40mW, 30° Gaussian Line, Harsh Environment Green Diode



Stock #64-829 **1 In Stock**

1 MRP ₹1,13,103

Price inclusive of all taxes

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Volume Pricing

Qty 1+	₹1,13,103 each
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Note: This item requires accessories for use | [Learn More](#)

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General

Laser Class - IEC:
3B

Mean Time To Failures MTTF @ 25° (hours):
>10,000

Type of Laser:
Diode

IIIb Laser Class - CDRH:

Physical & Mechanical Properties

20 Dia. x 136 L
Dimensions (mm):
87.00
Weight (g):

136.00
Housing Length (mm):
20.00
Housing Diameter (mm):

Optical Properties

532.00
Wavelength (nm):

5.00
Beam Diameter (mm):

<1 without Line Optics
Beam Divergence (mrad):

Green
Color:

30.00
Fan Angle (°):

200mm to Collimation
Focus Range (mm):

Electrical

40
Output Power (mW):

±5%
Power Stability (%):

Hardware & Interface Connectivity

Free Space
Output Type:

4 Pins, M12
Connector:

5 - 30 DC
Input Voltage (V):

Environmental & Durability Factors

0 to +35
Operating Temperature (°C):

-10 to +80
Storage Temperature (°C):

Regulatory Compliance

[View](#)
Certificate of Conformance:

Germany
Country of Origin:

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
Imported By:

Product Details

- IP67 Rated Environmentally Sealed with Simple Thread Mount
- Electrically Isolated Housing
- Focusable with Gaussian and Uniform Line Options
- 5-30V DC Operation with Reverse Polarity Protection

Z-Laser Green Focusable Diode Modules are a high end, versatile green laser allowing wide voltage operation range with protection against surges, spikes and over voltage. This laser is available with Gaussian or Uniform line optics and is also available with simple spot output. Focusing can be achieved via the external focus mechanism, which does not interfere with the beam output. Z-Laser Green Focusable Diode Modules' electrical connections are made via an M12 connection with mounting available via an M18 threading. Application areas for these modules include machine vision, various materials processing, medical science and the automotive industry. [Mounting Accessories and Power Supply](#) also available.