

20mW, 90° Gaussian Line, Harsh Environment Green Diode

#64-826



Z-Laser Green Focusable Diode Modules는 고사양의 다목적 그린 레이저로서 서지, 스파이크, 과전압에 대한 보호 기능과 함께 폭넓은 전압 작동 범위를 제공합니다. 이 레이저는 **Gaussian** 또는 **Uniform line** 옵틱과 함께 사용하거나, 단순한 스폿 출력에 사용이 가능합니다. 포커싱은 빔 출력을 방해하지 않는 외부 초점 메커니즘을 통해 수행할 수 있습니다. 이 밖에도 M12 커넥션을 통해 전기를 연결할 수 있으며, M18 thread를 가지고 있어 마운트 또한 가능합니다.

General

Laser Class - IEC:	3B
Mean Time To Failures MTTF @ 25° (hours):	>10,000
Type of Laser:	Diode
Laser Class - CDRH:	IIIb

Physical & Mechanical Properties

Dimensions (mm):	20 Dia. x 136 L
Weight (g):	87.00
Housing Length (mm):	136.00
Housing Diameter (mm):	20.00

Optical Properties

Wavelength (nm):	532.00
Beam Diameter (mm):	5.00
Beam Divergence (mrad):	<1 without Line Optics
Color:	Green
Fan Angle (°):	90.00
Focus Range:	200mm to Collimation

Electrical

Output Power (mW):	20
Power Stability (%):	±5%

Hardware & Interface Connectivity

Output Type:	Free Space
Connector:	4 Pins, M12
Input Voltage (V):	5 - 30 DC

Environmental & Durability Factors

Operating Temperature (°C):	0 to +35
Storage Temperature (°C):	-10 to +80



June 22, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

재고 번호	제품설명
64-826	20mW, 90° Gaussian Line, Harsh Environment Green Diode

This item is EU RoHS (2011/65/EU) compliant without the use of exemptions.

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance
June 22, 2025

Edmund Optics Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 1-800-363-1992 | Compliance@edmundoptics.com

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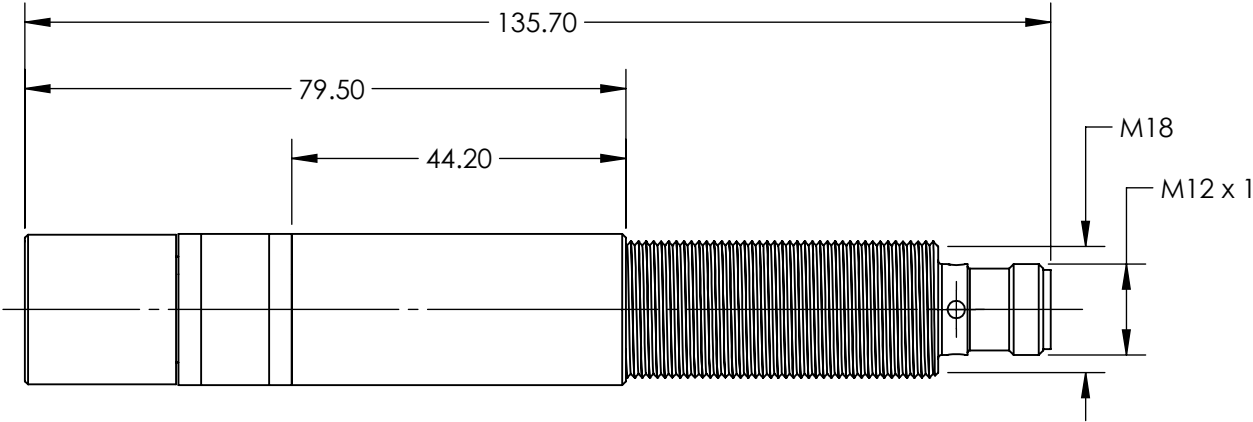
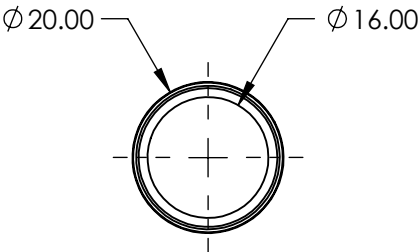
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Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations

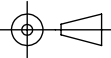
NOTES:
1. RoHS: COMPLIANT



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

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THIRD ANGLE PROJECTION 		TITLE	20mW, 90° Gaussian Line, Harsh Environment Green Diode	
ALL DIMS IN	mm	DWG NO	64826	SHEET 1 OF 1