

1mW 850nm Compact LDM Laser Diode Module

#72-820



해당 제품은 단독 사용 제품으로 컴팩트한 크기이며 다양한 기능을 제공합니다. 여러 어플리케이션에 사용되는 HeNe 레이저를 대체할 수 있으며 내구성이 우수하고, 크기가 작으며, 제공되는 파장 대역과 출력이 다양하다는 이점이 있습니다. 타원형 출력 빔은 사용자가 조절할 수 있는 글래스 초점 렌즈를 통해 생성됩니다. 원형 출력 빔은 초점 거리가 긴 플라스틱 렌즈를 통해 생성되며 작동 거리가 긴 어플리케이션이나 정렬 작업에 적합합니다. 해당 제품의 어플리케이션으로는 정렬을 위한 파일럿 빔, 바코드 스캐너, 측정, 치수 스캐닝, 로봇 공정 제어, 타겟 지정, 포지셔닝, 분석이 있습니다. 모든 제품군에는 포커싱 도구가 포함되어 있습니다. 또한, 모든 제품군에는 광원 출사구 내부에 렌즈를 장착할 수 있으며 해당 렌즈는 별도로 판매됩니다. 작동 시 별도로 판매되는 [전원 공급 장치](#)가 필요합니다.

참고: 레이저 다이오드 케이스는 공급 전압을 차단하는 절연 처리가 되어 있습니다.

General

Type:	Index Guided Diode, CW
Note:	Includes: Users Manual, Warning Label, and Focus Key

Physical & Mechanical Properties

Length (mm):	49.00
Weight (g):	22.00

Optical Properties

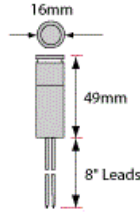
Focus Range:	150mm -∞
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Electrical

Operating Current (mA):	<40
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Environmental & Durability Factors

Operating Temperature (°C):	-10 to +55
Storage Temperature (°C):	-10 to +85



June 19, 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
72-820	1mW 850nm Compact LDM Laser Diode Module

This item is EU RoHS (2015/863/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 19, 2025

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



June 19, 2025

재고 번호

72-820

제품설명

1mW 850nm Compact LDM Laser Diode Module

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



June 19, 2025

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72-820	1mW 850nm Compact LDM Laser Diode Module

This item does not contain any of the substances listed on the Reach SVHC list as of 23 January 2024 in quantities exceeding 0.1% weight by weight.

Please note the following:

- Entry 11 of Annex V of the REACH regulation EC 1907/2006 as amended by regulation 987/2008, exempts "non-hazardous" glass components from registration.
- Items considered to be packing materials and which do not form part of, or are not required for the operation of, the product, are not considered to be within scope of this declaration.
- EO does not routinely analyze products for substances not purposely added or specified within the design specifications, drawings and assembly procedures.

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Jay Budd, Director of Corporate Compliance
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