

Features

- ▶ Typical wavelength, 637nm
- ▶ Stabilized optical power 2.5mW
- ▶ Single supply voltage, 5V DC
- ▶ Line generator
- ▶ **Adjustable beam line width**
- ▶ Low power consumption
- ▶ Cylindrical glass lens
- ▶ Wire length : 30cm(standard) or custom
- ▶ Laser class : IIIa

◆ **Option : Bracket & Power supply.**

Specification

● Optical

Optical power(mW)	2.5 (Tc=25°C)
LD power(mW)	5 (Max)
Wavelength(nm)	637 ±8
Fan angle(°)	45
Beam line width(mm)	0.5~8 (at 1m)

● Electrical

Operating voltage(DC V)	5 ± 5%
Operating current(mA)	65 (Max)
Operating Temp.(°C)	-10 ~ +50
Storage Temp.(°C)	-40 ~ +85

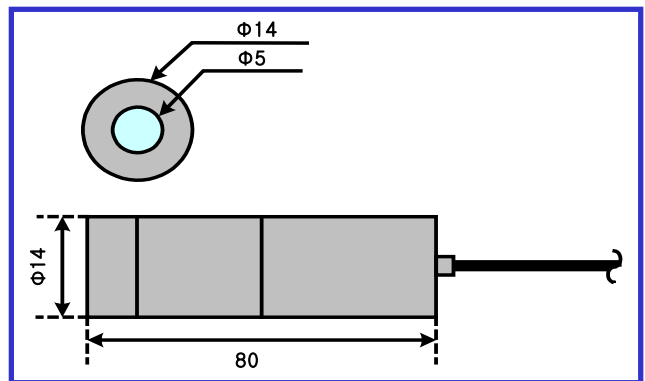
● Mechanical

Weight(g)	27 ± 0.5
Dimensions(mm)	14Φ X 80
Operating lifetime(h)	30,000~50,000 (@RT)
Housing material	Aluminum

Description

The MW series laser diode module combines laser diode technology, quality optics, and sophisticated electronics within a slim and light aluminum anodized housing for variety of applications. This series of modules provides a high-brightness laser line, and have various wavelengths and optical output power. Applications include a measurement, positioning, lighting, alignment, guidelines, pointing, switching, leveling, and machine vision etc. Useful in a variety of medical, industrial, and scientific instrumentation, as well as general R&D work.

Drawings



* Range of fan angle

Symbol	Angle	Line length [mm] (distance 1m)	
		Inclined at 90°	Inclined at 45°
4D	45°	830	2000
6D	60°	1,160	3500
9D	90°	2,000	About 5000
12D	120°	3,400	About 8000

Lanics Co., Ltd.

Room #703, 7F Woolim e-Biz Center
170-5, Guro-dong, Guro-gu, Seoul, 152-050, Korea
TEL : +82-2-2108-2255 FAX : +82-2-2108-2260
E-mail : support@lanics.com
http:// www.lanics.com