

Features

- ▶ Typical wavelength, 655nm
 - ▶ Stabilized optical power 1mW
 - ▶ Single supply voltage, 5V DC
 - ▶ **Line Generator (7.5 degree)**
 - ▶ **Analog / Digital Modulation 100KHz**
 - ▶ Low power consumption
 - ▶ Laser class : 1M
- ◆ **Option : Bracket & Power supply.**

Mechanical

Weight(g)	
Dimensions(mm)	Φ12 X 38.2
Operating lifetime(h)	30,000(@RT)
Housing material	Aluminum

Specification

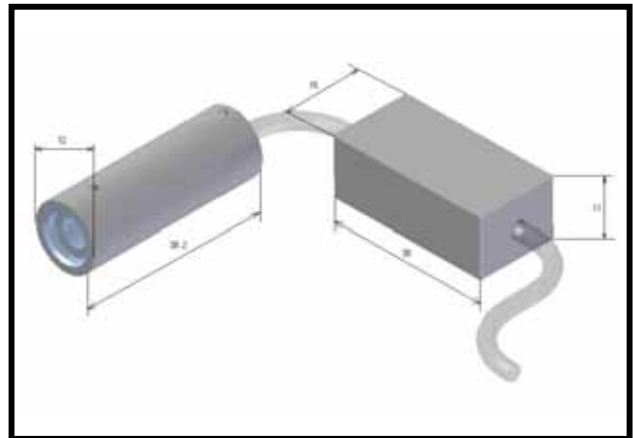
Optical

Optical power(mW)	1 (Tc=25°C)
LD power(mW)	5 (Max)
Output Efficiency(%)	20
Wavelength(nm)	655 ±5
Collimated Beam Wid(mm)	<3 (at 10m)
Fan Angle (°)	7.5
Line Pattern	Accurate Straight
Beam Quality	TEM00
Beam intensity Pattern	Gaussian
LD Pin Connection	Case Positive

Electrical

Operating voltage(DC V)	5 ± 5%
Operating current(mA)	30(Max)
Analog/Digital Modulation	100KHz
Operating Temp.(°C)	-10 ~ +50
Storage Temp.(°C)	-40 ~ +85

Drawings



* Range of fan angle

Angle	Line length [mm] (distance 1m)	
	Perpendicular	Inclined at45°
7.5	131	263

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