

Features

- ▶ Typical wavelength, 658nm
- ▶ Stabilized optical power 89mW
- ▶ Line generator : Cylindrical glass lens
- ▶ Supply voltage, 7~24V DC
- ▶ Wire length : 30cm(standard) or custom
- ▶ Laser class : 3R, 3B(IEC 60825-1:2007)
- ▶ Option : Bracket, Power supply

Description

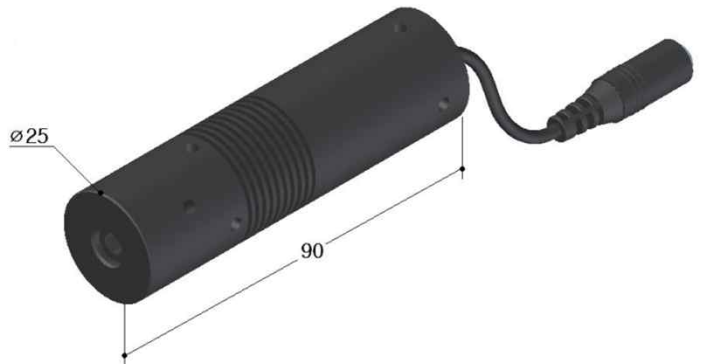
- POSCO steel plates only

Specification

● **Optical (@RT)**

Items	Values	Unit
Optical output power	89±10%	mW
Peak wavelength	658±4	nm
Collimated beam wid. (@FWHM)	<3 (@10M)	mm
Fan angle	10,15,30,45,60,90	°
Line pattern	Accurate Straight	
Beam quality	TEM00	
Beam intensity pattern	Gaussian	

Drawings



● **Electrical (@RT)**

Items	Values	Unit
Operating voltage	7~24±5%	DC V
Operating current	200 (typ)	mA
Drive circuit	ACC	
Operating temp.	-10 ~ +50	°C
Storage temp.	-40 ~ +85	°C
LD Pin Connection	Case Ground	

*** Range of fan angle**

Symbol	Angle	Line length [mm] (@ distance 1M)	Laser Class
LM-651HJK1D	15°	250	3B
LM-651HJK3D	30°	500	3B
LM-651HJK4D	45°	830	3B
LM-651HJK6D	60°	1160	3B
LM-651HJK9D	90°	2000	3B

● **Mechanical**

Items	Values	Unit
Weight	40±0.5	g
Dimensions(mm)	Ø25*90	mm
Housing material	Aluminum	

- ◆ **Warranty : One-year**
- ◆ **Accessory : Bracket (Mount) & Power adaptor**

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These specifications are subject to change without notice.