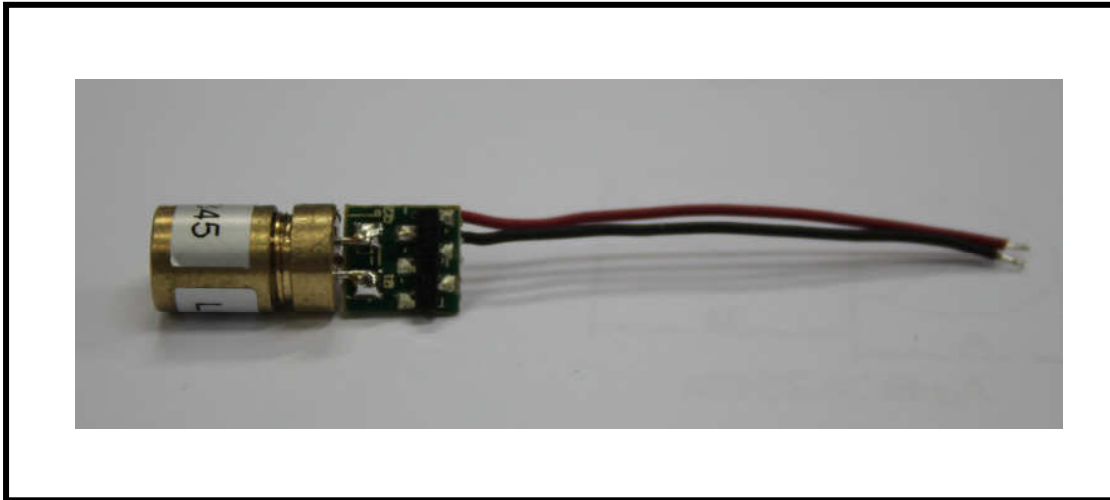


RED LASER MODULE

Modle # : RLM-1-2(6.0mm)

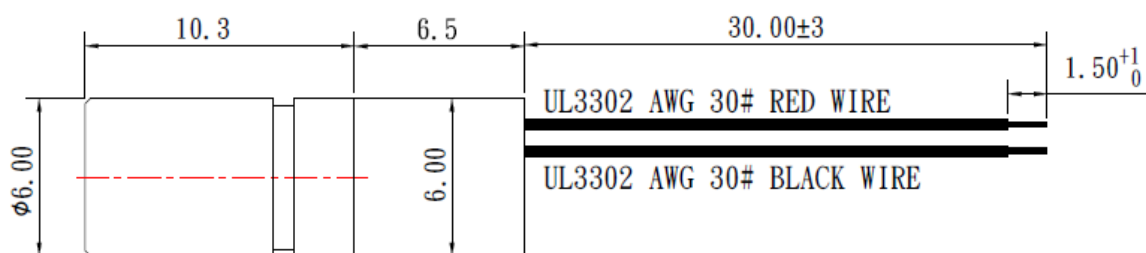
Product image



Features

- Structure : Laser diode
- Output power : ClassII<1mW
- Operating temperature :0~+40℃

Dimension Spec.



Unit: mm Material: Copper Tolerance:±1.0 mm

Lightvision Technologies, Corp.

6F#5 , NO. 40-2, Sec. 1, Ming Sheng N. Rd., Kwei-Shan , Taoyuan 333, Taiwan

Tel: 886-3-355-5931

E-mail :sales@lightvision.com.tw

Fax: 886-3-355-5934

Website: www.lightvision.com.tw

ClassII<1mW

Absolute maximum ratings

Parameter	Symbol	Rating	Unit
Supply voltage		<3.3V	
Operating current	I _{op}	<35	mA
Operating temperature	T _{opr}	0~+40	°C
Storage temperature	T _{stg}	-15~+50	°C

Specifications 1) 2)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Spot diameter (main spot)	-	5M	-	-	10	mm
Wavelength	λ _P		640	650	660	nm
Laser beam deflection angle	-	In 50cm location	-3	0	3	degree
Beam Divergence	2θ _r		-	-	1.5	mrad
Output power	P ₀	In 10cm laction	0.3	0.7	0.9	mW
Certificate	FDA&CE					

1) Initial values 2)Each value is measured by using our measuring instrument 3)△1: The distance from laser beam window

Remark

- Inspection environment temperature:20~30°C ± 2 °C ; Humidity:40~60%
- MTTF:3000 hours

Beam spot spec

- 5m Main light spot diameter ≤ 10mm
- 5m light halo and tail included <25mm

