



MRL-N-655/3000~5000mW

**RED DIODE LASER  
At 655nm**


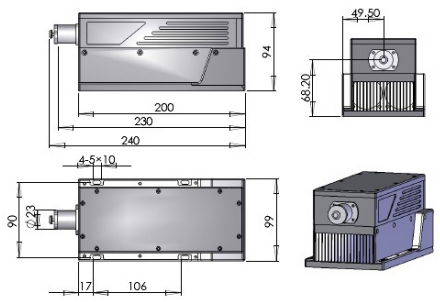

Diode red laser 655nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



**SPECIFICATIONS**

Wavelength (nm)	655±5
Output power (mW)	>3000, 3100, 3200, ... , 5000
Transverse mode	Near TE <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Warm-up time (minutes)	<5
M <sup>2</sup> factor	<20
Beam divergence, full angle (mrad)	<5.0
Dimensions of beam at the aperture (mm)	~6.0 × 7.0
Polarization direction	Horizontal+Vertical
Beam height from base plate (mm)	68.2
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	10000
Warranty	1 year
Remarks	MRL-655 is a diode laser module, so the beam quality is not as good as the solid-state laser at 671nm. The beam spot is nearly square.



MxL-N-655	Dimension	PSU-H-FDA	Dimension
 <p>240(L)×99(W) ×94(H) mm<sup>3</sup>, 2.6 kg</p>		 <p>238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3 kg</p>	