


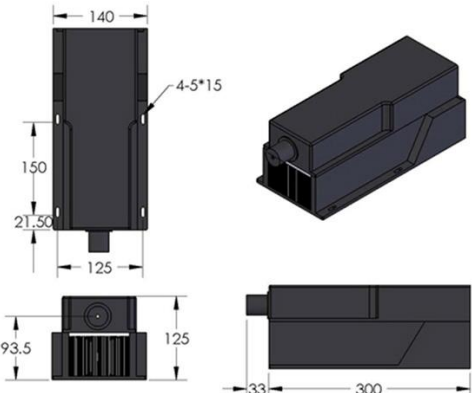

## DATA SHEET

### 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.

Wavelength ( nm )	655 ±5nm
Output Power ( mW )	>3000, 4000, 5000
Transverse Mode	Near TE <sub>00</sub>
Operating Mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Noise of amplitude (rms, 20Hz~20MHz)	<1%
Warm-up time (minutes)	<5
M <sup>2</sup> factor	<20
Beam divergence, full angle (mrad)	<4.0
Beam diameter at the aperture (mm)	~5.0 x 8.0
Beam height from base plate (mm)	93.5
Operating temperature ( °C )	10~35
Power supply (90-264VAC)	PSU-W-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	10,000
Warranty period	1 year



MxL-W-655	Dimensions	PSU-H-FDA	Dimensions
 <p><b>333(L) ×140(W) ×125(H) mm<sup>3</sup>, 6.1kg</b></p>		 <p><b>238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3kg</b></p>	