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## DATA SHEET

### HIGH POWER RED DIODE LASER AT 635nm

Diode red laser at 635nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting Show, etc.



Model: MRL-N-635/2000~3000mW

Wavelength ( nm )	635 ± 5nm
Output power ( mW )	>2000, 2500, 3000
Transverse mode	Near TE00
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
Beam divergence, full angle (mrad)	<4.0
Beam diameter at the aperture (mm)	~5.0 x 6.5
Beam height from base plate (mm)	68.2
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA/ PAU-H-LED/ PSU-N-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	10,000
Warranty period	1 year

MxL-N-635	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
<p>240(L) × 99(W) × 68.2(H) mm<sup>3</sup>, 2.6kg</p>	<p>268 (L) × 145(W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>238 (L) × 146(W) × 102 (H) mm<sup>3</sup>, 2.3kg</p>	<p>215 (L) × 129 (W) × 122 (H) mm<sup>3</sup>, 2.5 kg</p>