

MRL -W-640 /3000~6800mW

### HIGH POWER RED DIODE LASER At 640NM

Diode red laser at 640nm 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.



#### SPECIFICATIONS

Wavelength (nm)	640±5
Output power (mW)	>3000, 4000, 5800, 6800
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
Beam divergence, full angle (mrad)	<1.5
Dimensions of beam at the aperture (mm)	~5×5
Beam height from base plate (mm)	93.5
Operating temperature (°C)	10~35
Power supply (90-264VAC or two channels 24 & 12VDC)	PSU-W-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	10000
Warranty	1 year



MRL-W-640	Dimensions	PSU-W-FDA	Dimensions
<p>305 (L) ×164(W) ×131 (H) mm<sup>3</sup>, 8.4 kg</p>		<p>307 (L) ×168(W) ×123(H) mm<sup>3</sup>, 5.1 kg</p>	