

MRL-W-635/3~6W



At 635nm

Diode red laser 635nm is made features of ultra compact, long lifetime and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



### SPECIFICATIONS

Wavelength (nm)	635±5	
Operating mode	CW	
Output power (W)	~3	>3.1, 3.2, ... , 6
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Transverse mode	Near TE <sub>00</sub>	
M <sup>2</sup> factor	<20	
Beam divergence, full angle (mrad)	<4.0	<5.0
Dimensions of beam at the aperture (1/e <sup>2</sup> ,mm)	~5.0 × 6.0	~7.0 × 7.0
Warm-up time (minutes)	<5	
Polarization	Non-polarized	>50:1
Beam height from base plate (mm)	93.5	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED or PSU-W-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	
Remarks	MRL-635 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-W-635	PSU-W-LED	PSU-W-FDA
<p>346 (L) × 140 (W) × 125 (H) mm<sup>3</sup>, 5.7 kg</p>	<p>336 (L) × 168 (W) × 133 (H) mm<sup>3</sup>, 4.6 kg</p>	<p>307 (L) × 168 (W) × 123 (H) mm<sup>3</sup>, 4.5 kg</p>