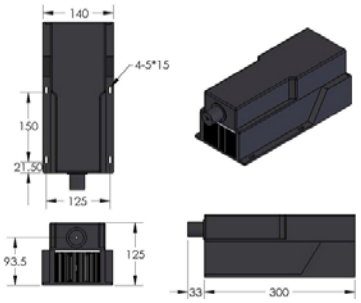
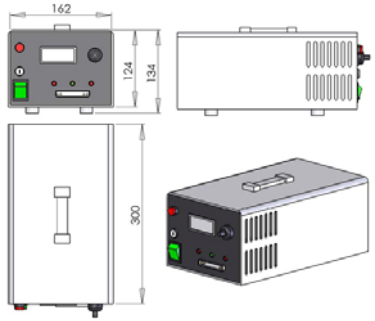
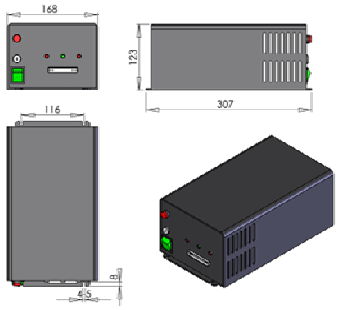
MRL-W-635/3000~6000mW

RED DIODE LASER
At 635nm

Diode red laser 635nm 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)	635±5	
Output power (mW)	~3000,	>3100, 3200, … , 6000
Transverse mode	Near TE_{00}	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<5	
M^2 factor	<20	
Beam divergence, full angle (mrad)	<4.0	<5.0
Dimensions of beam at the aperture (mm)	~5.0 × 6.0	~7.0 × 7.0
Beam height from base plate (mm)	93.5	
Polarization	Non-polarized	>50:1
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (℃)	10~35	
Power supply (90-264VAC)	PSU-W-LED or PSU-W-FDA	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
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
		
333(L)×140(W) ×125(H) mm³, 6.1 kg	**300 (L) ×162(W) ×134(H) mm³, 5.2 kg**	**307 (L) ×168(W) ×123(H) mm³, 5.1 kg**
		

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