MRL-III-FS-660/1000~1500mW

LD PUMPED ALL-SOLID-STATE RED LASER AT 660nm

All solid state 660nm red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show, etc.

SPECIFICATIONS

Wavelength (nm)	660 ± 5		
Output power (mW)	>1000, 1100, 1200, … , 1500		
Transverse mode	Near TE_{00}		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<10		
M^2 factor	<20		
Beam divergence, full angle (mrad)	<2.5		
Dimensions of beam at the aperture (mm)	~4×9		
Beam height from base plate (mm)	28. 5		
Polarization ratio	>50:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (℃)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	10000		
Warranty	1 year		
Remarks	MRL-660 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-III-FS-660	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
			
136(L)×73(W) ×50(H) mm³, 0.6kg	**153 (L) ×155(W) ×92 (H) mm³, 1.5kg**	**133 (L) ×130(W) ×65 (H) mm³, 1.2kg**	**100 (L) ×62(W) ×56 (H) mm³, 0.2kg**