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DATA SHEET

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

DPSS red laser at 660nm is made features of ultra-compact, long lifetime, low cost and high stability, which is widely used in measurement, spectrum analysis, and scientific research etc.



Model: MRL-FN-660/200~400mW

Wavelength (nm)	660 ± 1nm	
Output power (mW)	>200, 250, 300, 400	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at aperture (mm)	~2.0	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 Horizontal ± 5 degree (Vertical Optional)	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10,000	
Warranty period	1 year	

Note: The laser head needs to be used on a heat sink with good heat dissipation.

MRL-FN-660 Laser Head	Laser Head Dimensions	PSU-H-LED	PSU-H-FDA
	<p>197(L)×70(W)×50(H) mm³, 2.0kg</p>	<p>277(L)×145(W)×106 (H) mm³, 2.6 kg</p>	<p>236(L)×145(W)×104(H) mm³, 2.3kg</p>