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DATA SHEET

LD PUMPED ALL-SOLID-STATE RED LASER AT 656.5nm

All solid state 656.5nm red lasers is made features of ultra-compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, etc.



Model: MRL-N-656.5/50~1200mW

Wavelength (nm)	656.5 ± 1	
Output power (mW)	>50, 100, ..., 1200	
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	<3.0	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~3.5	
Beam height from base plate (mm)	68.2	
Operating temperature (°C)	20~30	
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	

MRL-N-656.5	Dimensions	PSU-H-LED	PSU-H-FDA
	<p>240(L) × 99(W) × 94(H) mm³, 2.6kg</p>	<p>268 (L) × 145(W) × 106 (H) mm³, 2.6 kg</p>	<p>238 (L) × 146(W) × 102 (H) mm³, 2.3kg</p>