

Opto Engine LLC

Data sheet

Rev. 1609

MRL-N-656.5/50~1200mW



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

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



SPECIFICATIONS

Wavelength (nm)	656.5 ± 1	
Operating mode	CW	
Output power (mW)	>50, 100, ..., 1200	
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Transverse mode	Near TEM ₀₀	
M ² factor	<3.0	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e ² ,mm)	~3.5	
Warm-up time (minutes)	<10	
Polarization ratio	>100:1	
Beam height from base plate (mm)	68.5	
Operating temperature (°C)	20~30	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-N-656.5	PSU-H-LED	PSU-H-FDA
<p>245(L)×99(W)×94(H) mm³, 2.6 kg</p>	<p>307 (L) ×150(W) ×106 (H) mm³, 2.9 kg</p>	<p>307 (L) ×150(W) ×106 (H) mm³, 2.9 kg</p>