

Opto Engine LLC

Data sheet

Rev. 0912

MGL-N-556/500~1000mW

LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 556nm





All solid state 556 nm yellow green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Wavelength (nm)	556 ± 1		
Output power (mW)	>500, 600, 700, ..., 1000		
Transverse mode	Near TEM ₀₁		
Operating mode	CW		
Power stability (rms, over 4 hours)	<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)	~4.0		
Beam height from base plate (mm)	68.2		
Polarization ratio	>100:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-N-556	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
			
235(L)×99(W)×94(H) mm ³ , 2.6 kg	240 (L) ×146(W) ×108 (H) mm ³ , 2.6 kg	238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	215 (L) ×108(W) ×122 (H) mm ³ , 2.145 kg
