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DATA SHEET

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

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



Model: MGL-N-556/500~1000mW

Wavelength (nm)	556 ± 1nm	
Output Power (mW)	>500, 600, 700, ...1000	
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)	~4.0	
Beam height from base plate (mm)	68.2	
Polarization ratio	>100:1	
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	

MxL-N-556	Dimensions	PSU-H-LED	PSU-H-FDA
	<p>245(L) ×99(W) ×94(H) mm³, 2.6kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275 (L) ×145(W) ×104 (H) mm³, 2.3kg</p>