

Opto Engine LLC

Data sheet

Rev. 2102

MGL-N-532/3~5W



LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



SPECIFICATIONS

Model	MGL-N-532A (Good beam)	MGL-N-532B (Normal Product)
Wavelength (nm)	532±1	
Operating mode	CW	
Output power (W)	>3, 3.5, 4, ..., 5	
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Transverse mode	TEM ₀₀	Near TEM ₀₀
M ² factor	<1.3	3~5
Beam diameter at the aperture (1/e ² ,mm)	~1.5	~3.0
Beam divergence, full angle (mrad)	<1.5	
Warm-up time (minutes)	<10	
Polarization ratio	>100:1	
Beam height from base plate (mm)	68.5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA	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-532	MGL-N-532A		MGL-N-532B	
	PSU-H-LED	PSU-H-FDA	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>	<p>277 (L) × 145 (W) × 106 (H) mm³, 2.6 kg</p>	<p>275 (L) × 145 (W) × 104 (H) mm³, 2.4 kg</p>