



Your source for high quality, affordable lasers

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 collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



Model: MGL-W-556/1500~2500mW

Wavelength (nm)	556 ± 1nm	
Output Power (mW)	>1500,... 2000, 2500	
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	3.0~6.0	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~4.0	
Beam height from base plate (mm)	93.5	
Polarization ratio	>100:1	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MxL-W-556	Laser Head Dimensions	PSU-W-LED	PSU-W-FDA
	<p>346(L) ×140(W) ×125(H) mm³, 6.1kg</p>	<p>336 (L) ×168(W) ×133 (H) mm³, 5.2kg</p>	<p>324 (L) ×168(W) ×123 (H) mm³, 5.1kg</p>