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DATA SHEET

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

Yellow green laser at 556nm is made of features of ultra-compact, long lifetime, low cost and high stability, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



Model: MGL-FN-556/1~200mW

Wavelength (nm)	556 ± 1nm	
Output Power (mW)	>10, 30, 50, 100, 150, 200	
Transverse Mode	TEM ₀₀	
Operating Mode	CW	
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~2.0	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 (o or 90 degree)	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz; and Analog modulation option	
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MxL-N-556	MxL-N-556	PSU-H-LED	PSU-H-FDA
	197(L) ×70(W) ×50(H) mm ³ , 2.0kg	240 (L) ×146(W) ×108 (H) mm ³ , 2.6 kg	238 (L) ×146(W) ×102 (H) mm ³ , 2.3kg