

Changehun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

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LASERRADIATION-AVOIDESE ORSEN ENFORME TO LIBELT ORSCATTERED RADIATION PEAGONER: MV WANTENGTH Stime Stime CLASS IV LASER PRODUCT

This dence couples with 21 CFR 1960-10 and 1960-11 Changeton New Industria Optolectronics Tech. Co., Ltd. (CNI) 661 Changes RA, Chenghan, P.R. Ches

MGL-H-532/400~2000mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE **GREEN LASER**

All solid state 532nm green laser is made 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.











Wavelength (nm)	532±1			
Output power (mW)	>400, 500, 600,, 1400 1500,1600,1700,,2000			
Transverse mode	Near TEM ₀₀			
Operating mode	CW			
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%			
Warm-up time (minutes)	<10			
M ² factor	<2.0 <3.0		<3.0	
Beam divergence, full angle (mrad)	<2.0	<1.0	<1.0	
Beam diameter at the aperture (mm)	~3.0 ~4.0			
Beam height from base plate (mm)	29			
Polarization ratio	>100:1			
Pointing stability after warm-up (mrad)	<0.05			
Operating temperature ($^{\circ}\mathbb{C}$)	10~35			
Power supply (90-264VAC)	PSU-H -LED	PSU-H-FDA	PSU-H-OEM	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			
Expected lifetime (hours)	10000			
Warranty period	1 year			

