

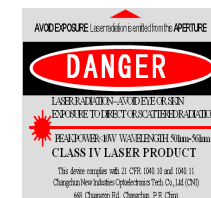
MGL-N-589/300~800mW

LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 589nm

All solid state laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



Wavelength (nm)	589±2		
Output power (mW)	>300, 400, 500, ..., 800		
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)	~3.0		
Beam height from base plate (mm)	68.2		
Operating temperature (°C)	10~35		
Power supply (89-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
TTL modulation/ Analog modulation	Optional, 2kHz or higher (others on request, up to 10kHz)		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-N-589	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
<p>235(L)×99(W)×94(H) mm³, 2.6 kg</p>	<p>240 (L) ×146(W) ×108 (H) mm³, 2.6 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	<p>215 (L) ×129 (W) ×122 (H) mm³, 2.145 kg</p>