

MGL-FN-589/200~800mW



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

All solid yellow laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and scientific research etc.



SPECIFICATIONS

Wavelength (nm)	589±1	
Operating mode	CW	
Output power (mW)	>200, ... , 300	>300, ... , 800
Power stability (rms, over 4 hours)	<0.5% (Optional), <1%, <2%, <3%	<1%, <2%, <3%
Transverse mode	TEM ₀₀	NearTEM ₀₀
M ² factor	<1.2	<1.5
Beam diameter at the aperture (1/e ² , mm)	<1.5	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1, Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	27.4	
Operating temperature (°C)	15~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR	
Expected lifetime (hours)	10000	
Warranty	1 year	



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MGL-FN-589	PSU-H-LED	PSU-H-FDA	PSU-SR
<p>197(L)×70(W)×50(H) mm³, 2.0 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>	<p>188(L) ×145(W) ×83(H) mm³, 2kg</p>