



MGL-U-585 /1~50mW



LD PUMPED ALL-SOLID-STATE  
YELLOW LASER

All solid state 585nm yellow laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



SPECIFICATIONS

Central wavelength (nm)	585±1
Operating mode	CW
Output power (mW)	>1, 5, 10, 20, ....., 50
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Near TEM <sub>00</sub>
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	0.70±0.1
Beam divergence (mrad)	<1.5
Warm-up time (minutes)	<10
Beam height from base plate (mm)	27.4
Laser head consumption(W)	15 (typical) , <25 (40℃)
Max. Laser Head Base plate Temp (°C)	50
Operating Temperature (°C)	10-40
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA
Expected lifetime (hours)	10000
Warranty	1 year



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

MGL-U-585	PSU-H-LED	PSU-H-FDA
<p>142.5 (L)×60(W)×50(H) mm<sup>3</sup>, 1.0 kg</p>	<p>277 (L)×145 (W)×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>275(L)×145(W)×104(H) mm<sup>3</sup>, 2.3 kg</p>