

MLL-Z-532/5000~18000mW

### LD PUMPED ALL-SOLID-STATE LOW NOISE GREEN LASER



All solid state low noise 532nm green laser is made features of good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in pumping Ti:S, laser medical treatment, scientific experiment, optical instrument, etc.



#### SPECIFICATIONS

Wavelength (nm)	532 ± 1		
Output power (mW)	>5000, 5500, ..., 10000	>10000, ..., 15000	>15000, ..., 18000
Transverse mode	TEM <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Noise of amplitude (rms, 1~20MHz)	<1%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<1.2	<3.0	<5.0
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~2.5	~3.0	~4.0
Beam height from base plate (mm)	96		
Polarization ratio	>50:1		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-Z-LED		
TTL modulation/ Analog modulation	Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-Z-532	PSU-Z-LED
 <p data-bbox="459 1037 728 1061">440(L) × 114(W) × 130(H) mm<sup>3</sup>, 9.8 kg</p>	 <p data-bbox="1299 1013 1590 1037">320 (L) × 300(W) × 123(H) mm<sup>3</sup>, 5.2 kg</p>
