

MBL-N-480/50~150mW

### LD PUMPED ALL-SOLID-STATE BLUE LASER AT 480NM

All solid state 480 nm blue 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, etc.



#### SPECIFICATIONS

Wavelength (nm)	480±1		
Output power (mW)	>50, 80, ..., 150		
Transverse mode	Near TEM <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<3%, <5%, <10%		
Warm-up time (minutes)	<10		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	68.2		
Polarization ratio	>100:1		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		



MBL-N-480	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
 <p>240(L)×99(W)×94(H) mm<sup>3</sup>, 2.6 kg</p>	 <p>268 (L)×145(W)×106 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>238 (L)×146(W)×102 (H) mm<sup>3</sup>, 2.3 kg</p>	 <p>215 (L)×129 (W)×122 (H) mm<sup>3</sup>, 2.145 kg</p>
			