

## DATA SHEET

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

All solid state 480nm green lasers 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.



Model: MBL-N-480/50~150mW

Wavelength ( nm )	480 ± 1	
Output power ( mW )	>50, 100, 150	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	3~5	
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	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MBL-N-480	Dimensions	PSU-H-LED	PSU-H-FDA
	<p><b>245(L) × 99(W) × 94(H) mm<sup>3</sup>, 2.6kg</b></p>	<p><b>307(L) × 150(W) × 106(H) mm<sup>3</sup>, 2.9 kg</b></p>	<p><b>307(L) × 150(W) × 106(H) mm<sup>3</sup>, 2.9kg</b></p>