

MBL-N-473/600~1500mW

### LD PUMPED ALL-SOLID-STATE BLUE LASER AT 473NM

All solid state 473 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, laser display, laser lighting show, etc.



### SPECIFICATIONS

Model	MBL-N-473A (Good beam)	MBL-N-473B (Normal Product)
Wavelength (nm)	473±1	
Output power (mW)	>600, 800, ..., 1500	
Transverse mode	TEM <sub>00</sub>	Near TEM <sub>00</sub>
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<10	
M <sup>2</sup> factor	<1.5	<3.0
Beam divergence, full angle (mrad)	<1.2	
Beam diameter at the aperture (mm)	~2.0	~3.0
Beam height from base plate (mm)	68.2	
Polarization ratio	>100:1	
Operating temperature (°C)	20~30	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MBL-N-473	PSU-H-LED	PSU-H-FDA
<p>240(L)×99(W)×94(H) mm<sup>3</sup>, 2.6 kg</p>	<p>270 (L) ×150(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>270 (L) ×150(W) ×106 (H) mm<sup>3</sup>, 2.3 kg</p>