

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 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-473
Wavelength (nm)	473±1
Operating mode	CW
Output power (mW)	>600, 800, ..., 1500
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%
Transverse mode	TEM ₀₀
M ² factor	<1.5
Beam divergence, full angle (mrad)	<1.2
Beam diameter at the aperture (1/e ² , mm)	~2.0
Warm-up time (minutes)	<10
Polarization ratio	>100:1
Beam height from base plate (mm)	68.5
Operating temperature (°C)	20~30
Power supply (90-264VAC)	PSU-H-LED/ PSU-H-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty period	1 year



MBL-N-473	PSU-H-LED	PSU-H-FDA
<p>245 (L) × 99 (W) × 94 (H) mm³, 2.6 kg</p>	<p>307 (L) × 150 (W) × 106 (H) mm³, 2.9 kg</p>	<p>307 (L) × 150 (W) × 106 (H) mm³, 2.9 kg</p>