

MBL-N-473/600~5000mW



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-473A (Good beam)	MBL-N-473B (Normal Product)
Wavelength (nm)	473±1	
Operating mode	CW	
Output power (mW)	>600, 800, ..., 1500	>600, 800, ..., 5000
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Transverse mode	TEM ₀₀	Near TEM ₀₁
M ² factor	<1.5	<5.0
Beam divergence, full angle (mrad)	<1.2	
Beam diameter at the aperture (1/e ² ,mm)	~2.0	~3.0
Warm-up time (minutes)	<10	
Polarization ratio	>100:1	
Beam height from base plate (mm)	68.5	
Operating temperature (°C)	20~30	10~35
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	



MxL-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>