

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MBL-XD-491/1~200mW

LD PUMPED ALL-SOLID-STATE BLUE LASER

All solid state 491nm blue laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in laser display, medical treatment, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	491±1	
Operating mode	CW	
Output power (mW)	>10,50,100,,200	
Power stability (rms, over 4 hours)	<3%,<5%,<10%	
Transverse mode	Near TEM ₀₀	
Beam divergence, full angle (mrad)	<1	
Beam diameter at the aperture $(1/e^2, mm)$	~3	
Polarization ratio	>100:1	
Beam height from base plate (mm)	96.4	
Warm-up time (minutes)	<10	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-FDA	
Expected lifetime (hours)	10000	
Warranty period	1 year	





nis device complies with 21 CFR1040.10 and 1040.11 angehun New Industries Optoelectronics Tech. Co., Ltd. (CNI 88 JintHu Road High-tech Zone Changchun, China

