



MDL-III-460L /1~80mW

BLUE LASER AT 460nm





Blue laser 460nm is made features of TEM00 beam, long lifetime, low cost and easy operating, which is widely used in laser projection, stage lighting, biomedical applications, metrology, etc.



SPECIFICATIONS

Wavelength (nm)	460 ± 10		
Output power (mW)	>1, 2.3, ... , 80		
Transverse mode	Near TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
Beam divergence, full angle (mrad)	<1.0		
Dimensions of beam at the aperture (mm)	~3.0		
Beam height from base plate (mm)	24.8		
Polarization ratio	>50:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10000		
Warranty	1 year		



MxL-III-460L	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
 139(L)×73(W)×46.2(H) mm ³ , 0.6kg	 153 (L) ×155(W) ×92 (H) mm ³ , 1.5kg	 133 (L) ×130(W) ×65 (H) mm ³ , 1.2kg	 100 (L) ×62(W) ×56 (H) mm ³ , 0.2kg
