



MBL-H-457/1000~1800mW



BLUE LASER AT 457nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.



SPECIFICATIONS

Central wavelength (nm)	457±1	
Operating mode	CW	
Output power (mW)	>1000, 1100, ..., 1800	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Transverse mode	Multimode	
Spectral linewidth (nm)	~2	
Beam diameter at the aperture (mm)	~5×7	
Beam divergence, full angle (mrad)	<4.5×1	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	29	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	PSU-III-LED	PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MBL-H-457	PSU-III-LED	PSU-III-FDA
<p>160 (L) ×77(W) ×60 (H) mm<sup>3</sup>, 0.9kg</p>	<p>188.6 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	<p>171 (L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p>