



MDL-SD-488/1-100mW



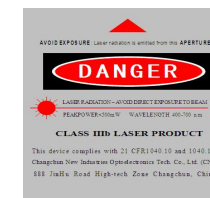
**BLUE DIODE LASER  
AT 488 nm**

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in medical imaging, flow cytometry, DNA sequencing, etc.



SPECIFICATIONS

Central wavelength (nm)	488±5	
Operating mode	CW	
Output power (mW)	>1, >10, ..., 100	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Polarization direction	Horizontal/ Vertical	Horizontal+Vertical
Beam diameter at the aperture (mm)	~2.0×3.5	~1.0×3.5
Beam divergence, full angle (mrad)	<1.0×0.6	
Warm-up time (minutes)	<5	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	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	1 year	



MDL-SD-488	PSU-H-LED	PSU-H-FDA
<p>131.2(L)×99(W)×91(H) mm<sup>3</sup>, 1.6kg</p>	<p>277 (L)×145(W)×106(H) mm<sup>3</sup>, 2.3kg</p>	<p>275 (L)×145(W)×104(H) mm<sup>3</sup>, 2.1kg</p>