

MDL-SD-460/462/465/2500-4000mW



**BLUE DIODE LASER  
AT 460/462/465nm**

Blue diode laser at 460/462/465nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

Wavelength (nm)	460±5/ 462±5/ 465±5	
Operating mode	CW	
Output power (mW)	>2500, >2600, ..., 4000	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Polarization direction	Horizontal/ Vertical	Horizontal+ Vertical
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~4.7×2.7	~2.7×2.7
Beam divergence, full angle (mrad)	~1.4×0.2	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	68.5	
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-460/462/465	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>