

MDL-XD-454-OEM/8-16W



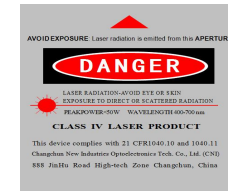
**OEM BLUE DIODE LASER  
AT 454nm**

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, stage lighting, biomedical applications, metrology, etc.



SPECIFICATIONS

Central wavelength (nm)	454±5
Operating mode	CW
Output power (mW)	>8000 ,9000, ..., 16000
Power stability (rms, over 4 hours) 25℃	<1%, <2%, <3%
Polarization direction	Horizontal+Vertical
Beam diameter at the aperture (mm)	~5×5
Beam divergence, full angle (mrad)	<2.4×2.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	35
Operating temperature (℃)	25+/-3
Driver (12VDC 15A)	PSU-PN7-OEM/ PSU-PN7-OEM-H
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



MDL-XD-454-OEM	PSU-PN7-OEM	PSU-PN7-OEM-H	Accessory (Power supply 100-240VAC)
<p>200(L)×150(W)×61(H) mm<sup>3</sup>, 4.5kg</p>	<p>120(L)×65(W)×29(H) mm<sup>3</sup>, 0.3kg</p>	<p>140(L)×80(W)×67(H) mm<sup>3</sup>, 0.6kg</p>	<p>177.5(L)×62(W)×30(H) mm<sup>3</sup>, 0.5kg</p>