

MDL-XD-454/8-16W

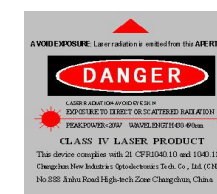
SPECIFICATIONS

BLUE DIODE LASER
AT 454nm

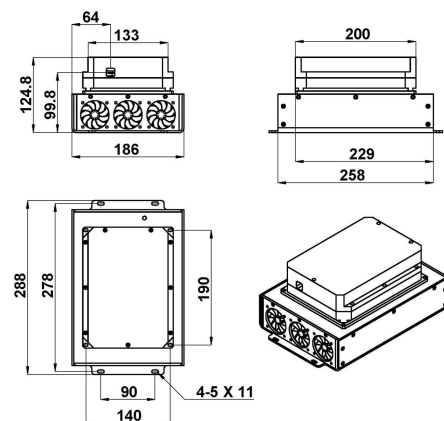
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, stage lighting, biomedical applications, metrology, etc.



Central wavelength (nm)	454±5
Operating mode	CW
Output power (mW)	>8000 ,9000, ..., 16000
Power stability (rms, over 4 hours)	<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
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-N-LED/ PSU-N-FDA
Expected lifetime (hours)	10000
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year

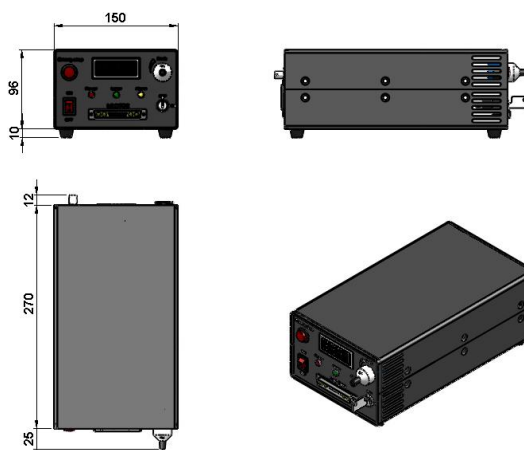


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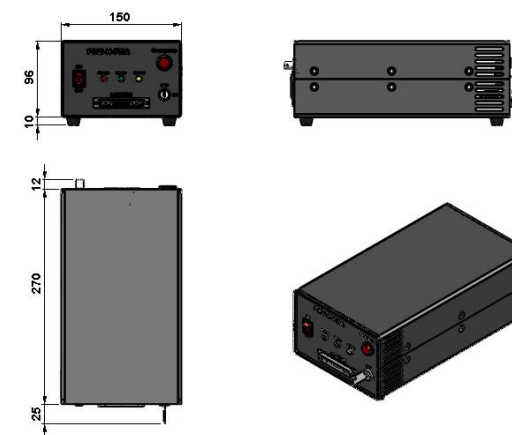
288(L)×186(W)×124.8(H) mm³, 6.6 kg

PSU-N-LED



307(L)×150(W)×106(H) mm³, 3.0kg

PSU-N-FDA



307(L)×150(W)×106(H) mm³, 3.0kg