

OEM-SD-445/3000-4000mW

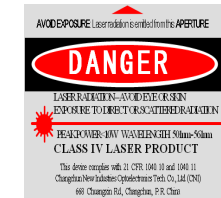
OEM BLUE DIODE LASER AT 445NM

OEM diode laser 445 nm blue laser features ultra compact, long lifetime, low cost and easy operating. It's easy to be integrated into end users' equipment.


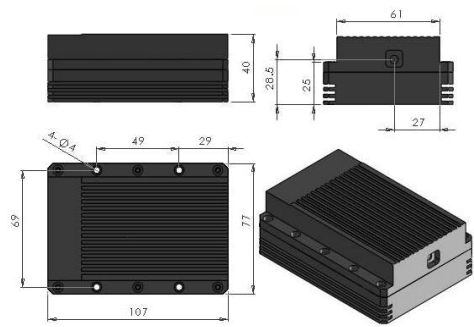




SPECIFICATIONS

Model	OEM-SD-445	
Wavelength (nm)	445±1	
Output power (mW)	>3000, >4000	
Transverse mode	Near Round	
Operating mode	CW	
Power stability (rms, over 4 hours) at 25 °C	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	<2.0×0.5	
Beam diameter at the aperture (mm)	(V/H)~5×5	(V+H)~3×5
Beam height from base plate (mm)	28.5	
Operating temperature (°C)	22.5+/-2.5	
Operating current and voltage of Diode	12.0V, 7.0A	
Operating current and voltage of TEC	12.0V, 7.0A	
Expected lifetime (hours)	10000	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Warranty time	The warranty is 3 months, excluding the LD failure.	



Note: The power supply needs to be with overcurrent protection function.

OEM-SD-445	Dimension	PSU-D-OEM	Adapter
 <p>107(L)×77(W) ×40(H) mm³, 0.5kg</p>		 <p>140(L)×90(W) ×60(H) mm³, 0.40 kg</p>	 <p>132(L)×54(W) ×31.2(H) mm³ 100-240VAC Adapter</p>