

### OEM-D-447/5000-8000mW






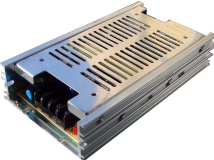


### OEM BLUE DIODE LASER AT 447NM

OEM diode laser 447 nm blue laser is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.

### SPECIFICATIONS

Model	OEM-D-447	
Wavelength (nm)	447±5	
Output power (mW)	>5000, >6000, >7000, >8000	
Operating mode	CW	
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, half angle (mrad)	0.7×0.1	
Beam diameter at the aperture (mm)	~3.2×3.2 (1/e <sup>2</sup> )/~2.2×2.2 (FWHM)	
Polarization direction	Horizontal+ Vertical	
Beam height from base plate (mm)	34.5(OEM-D-447)	68.2(D-447-HS)
Operating temperature (°C)	25+/-3 (OEM-D-447)	10-35(D-447-HS)
Power supply	PSU-H-LED/PSU-H-FDA/PSU-HD-OEM-H/PSU-D-OEM-H	
Expected lifetime (hours)	10000	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Warranty time	1 year	



OEM-D-447	D-447-HS	PSU-H-LED	PSU-H-FDA	PSU-HD-OEM-H(5-6W)	Adapter (5-6W)	PSU-D-OEM-H(7-8W)	Adapter (7-8W)
 141(L)×107(W)×56.5(H)mm <sup>3</sup> , 2.2kg	 171(L)×126(W)×90.2(H) mm <sup>3</sup> , 3kg	 277(L)×145(W)×106(H) mm <sup>3</sup> , 2.3 kg	 275 (L)×145(W)×104(H) mm <sup>3</sup> , 2.1 kg	 120(L)×88(W)×53(H) mm <sup>3</sup> , 0.60 kg	 160(L)×86(W)×34(H) mm <sup>3</sup>	 120(L)×88(W)×53(H) mm <sup>3</sup> , 0.5 kg	 211.2(L)×99(W)×50(H) mm <sup>3</sup>
