

OEM-SD-447/3000-4000mW

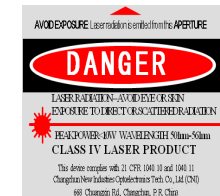
OEM BLUE DIODE LASER AT 447NM

All solid state 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-SD-447		
Wavelength (nm)	447±5		
Output power (mW)	>3000, >4000		
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		
Polarization direction	Horizontal/ Vertical	Horizontal+ Vertical	
Beam diameter at the aperture (mm)	~4.7×2.7 (1/e2)	~3.7×1.7(FWHM)	~2.7×2.7 (1/e2) ~1.7×1.7(FWHM)
Beam height from base plate (mm)	28.5(without heat sink)		68.2(with heat sink)
Operating temperature (°C)	25±3(without heat sink)		10-35 (with heat sink)
Expected lifetime (hours)	10000		
Power supply(90-264VAC or 12VDC&7A)	PSU-H-LED/PSU-H-FDA/PSU-D-OEM		
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 the over current protection function.

OEM-SD-447	SD-447-HS	PSU-H-LED	PSU-H-FDA	PSU-D-OEM	Adapter
107(L)×77(W)×46(H) mm ³ , 0.5kg Without heat sink	134(L)×99(W)×85.7(H) mm ³ , 1.5kg With heat sink	268(L)×145(W)×106(H) mm ³ , 2.6 kg	238(L)×146(W)×102(H) mm ³ , 2.3 kg	140(L)×90(W)×60(H) mm ³ , 0.40 kg	132(L)×54(W)×31.2(H) mm ³ 100-240VAC Adapter