

OEM-D-442/4000-6000mW

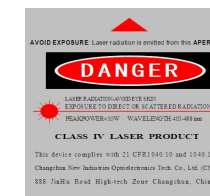
OEM BLUE DIODE LASER AT 442NM

OEM blue diode laser at 442 nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



SPECIFICATIONS

Wavelength (nm)	442±5	
Operating mode	CW	
Output power (mW)	>4000, >5000, >6000	
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%	
Polarization direction	Horizontal+ Vertical	
Beam diameter at the aperture (1/e ² ,mm)	~3.2×3.2	
Beam divergence, full angle (mrad)	~1.4×0.2	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	35 (OEM-D-442)	68.2 (D-442-HS)
Operating temperature (°C)	25+/-3 (OEM-D-442)	10-35 (D-442-HS)
Power supply (100-240VAC)	PSU-H-LED/ PSU-H-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



OEM-D-442	D-442-HS	PSU-H-LED	PSU-H-FDA
<p>141(L)×107(W)×56.5(H)mm³, 2.2kg</p>	<p>167.1(L)×126(W)×90.2(H)mm³, 3.2kg</p>	<p>277 (L) ×145(W) ×106(H) mm³, 2.3kg</p>	<p>275 (L) ×145(W) ×104(H) mm³, 2.1kg</p>