

MDL-H-440/1000~3000mW

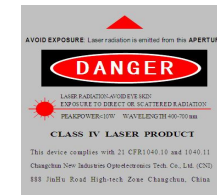
**BLUE DIODE LASER
AT 440 nm**

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in scientific research, laser pointing, measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

| | |
|--|--|
| Central wavelength (nm) | 440±5 |
| Operating mode | CW |
| Output power (mW) | >1000, 1100, ... , 3000 |
| Power stability (rms, over 4 hours) | <1%, <2%, <3% (<0.5%, optional) |
| Transverse mode | Multimode |
| Beam diameter at the aperture ((1/e ²),mm) | ~2.7×2.7 |
| Beam divergence, full angle (mrad) | 1.4×0.2 |
| Warm-up time (minutes) | <5 |
| Beam height from base plate (mm) | 29 |
| Operating temperature (°C) | 10~35 |
| 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 |



| MDL-H-440 | PSU-H-LED | PSU-H-FDA |
|---|--|--|
| <p>157.5 (L) × 77(W) × 60 (H) mm³, 0.9kg</p> | <p>277 (L) × 145(W) × 106(H) mm³, 2.3kg</p> | <p>275 (L) × 145(W) × 104(H) mm³, 2.1kg</p> |