

MDL-H-488/1500~2000mW

**BLUE DIODE LASER
AT 488nm**

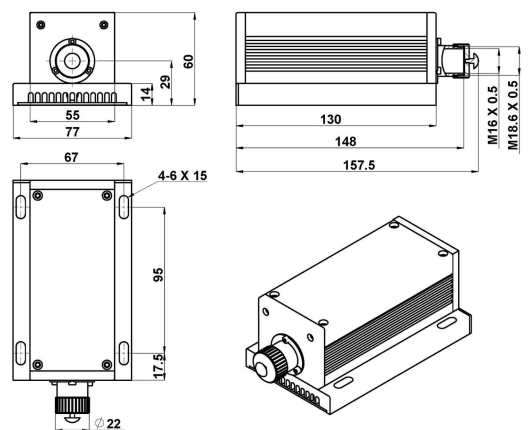
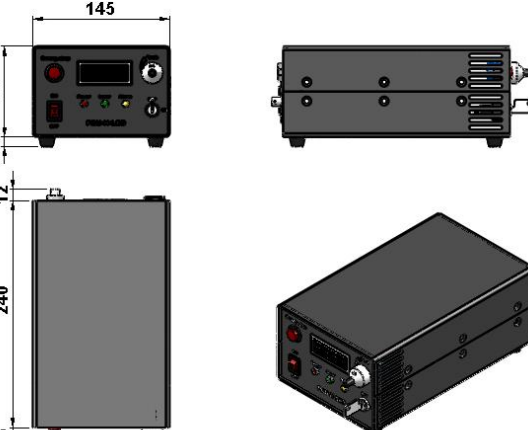
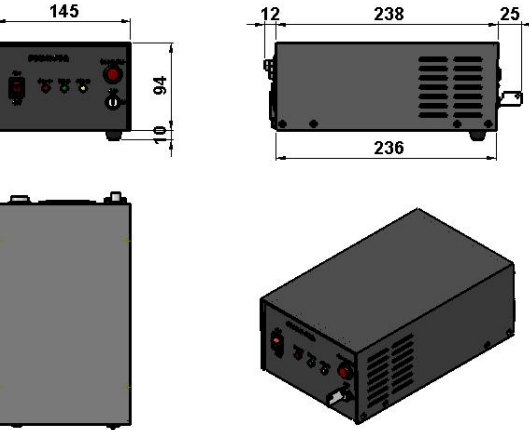
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, laser shows, biomedical applications, holography, metrology, etc.



SPECIFICATIONS

| | | |
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| Central wavelength (nm) | 488±5 | |
| Operating mode | CW | |
| Output power (mW) | >1500, 1600, ... , 2000 | |
| Power stability (rms, over 4 hours) | <3%, <2%, <1%, <0.5% | |
| Transverse mode | Multimode | |
| Beam diameter at the aperture ((1/e ²),mm) | ~3.0×3.0 | |
| Beam divergence, full angle (mrad) | ~2.5×1.0 | |
| 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 |
| Modulation optional | TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional | |
| Expected lifetime (hours) | 10000 | |
| Warranty | 1 year | |



| MDL-H-488 | 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> |