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## DATA SHEET

### LD PUMPED ALL-SOLID-STATE RED LASER AT 660nm

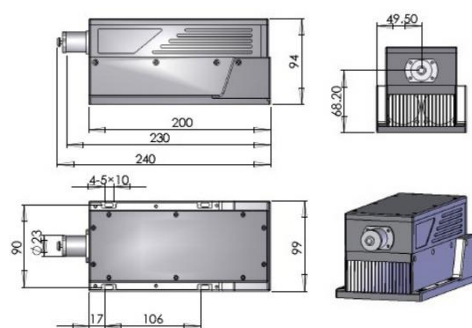
All solid state 660nm red laser is made features of ultra-compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show, etc.



Model: MRL-N-660/500~1000mW

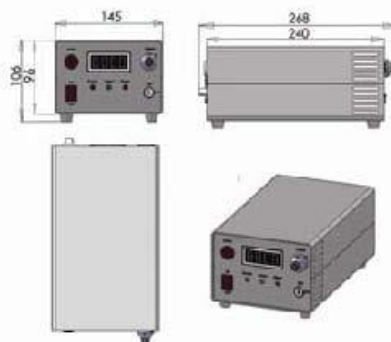
|   |   |           |
|---|---|-----------|
| Wavelength ( nm )                       | 660 $\pm$ 1nm   |           |
| Output Power ( mW )                     | >500, 600, ... , 1000   |           |
| Transverse Mode                         | Near TEM <sub>00</sub>  |           |
| Operating Mode                          | CW  |           |
| Warm-up time (minutes)                  | 10  |           |
| Power stability (rms, over 4 hours)     | <3%, <5%, <10%  |           |
| M <sup>2</sup> factor                   | <3.0  |           |
| Beam divergence, full angle (mrad)      | <1.5  |           |
| Beam diameter at the aperture (mm)      | ~3.0  |           |
| Beam height from base plate (mm)        | 68.2  |           |
| Pointing stability after warm-up (mrad) | <0.05   |           |
| Operating temperature (°C)              | 10~35   |           |
| Power supply (90-264VAC)                | PSU-H-LED   | PSU-H-FDA |
| Modulation option                       | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option |           |
| Expected lifetime (hours)               | 10,000  |           |
| Warranty period                         | 1 year  |           |

#### MRL-N-660



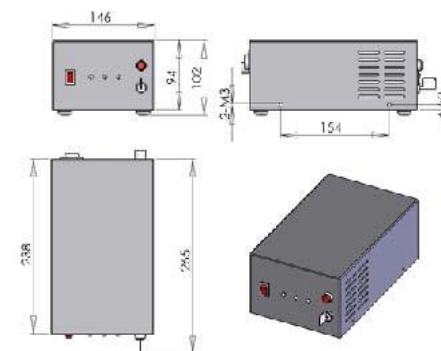
240(L) ×99(W) ×68.2(H) mm<sup>3</sup>, 2.6kg

#### PSU-H-LED



268 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg

#### PSU-H-FDA



238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3kg