

MDL-H-750/2000~5000mW



**RED DIODE LASER  
AT 750nm**

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



SPECIFICATIONS

|   |  |           |
|---|--|-----------|
| Central wavelength (nm)                 | 750±10   |           |
| Operating mode                          | CW   |           |
| Output power (mW)                       | >2000, 2100, 2200, ... , 5000                                |           |
| Power stability (rms, over 4 hours)     | <1%, <2%, <3% (<0.5%, optional)                              |           |
| Transverse mode                         | Multimode  |           |
| Dimensions of beam at the aperture (mm) | ~5×8   |           |
| Beam divergence, full angle (mrad)      | <3.0   |           |
| 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 |
| TTL / Analog modulation                 | TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional |           |
| Expected lifetime (hours)               | 10000  |           |
| Warranty                                | 1 year   |           |



| MDL-H-750  | PSU-H-LED  | PSU-H-FDA  |
|--|--|--|
| <p>160 (L) × 77 (W) × 60 (H) mm<sup>3</sup>, 0.9kg</p> | <p>277 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.3kg</p> | <p>275 (L) × 145 (W) × 104 (H) mm<sup>3</sup>, 2.1kg</p> |