

MLL-F-460/462/465/1~2W



LOW NOISE BLUE DIODE LASER AT 460/462/465NM

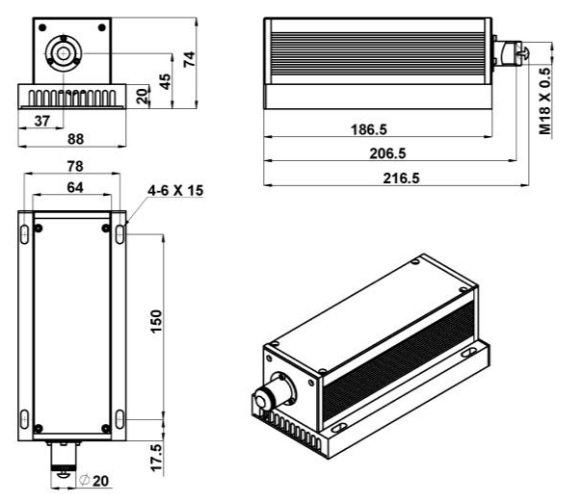
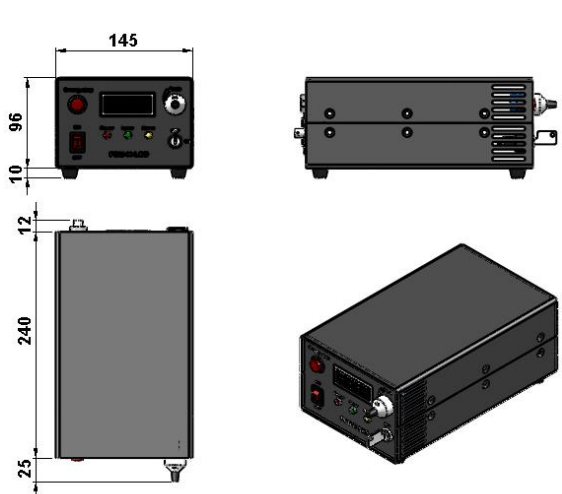
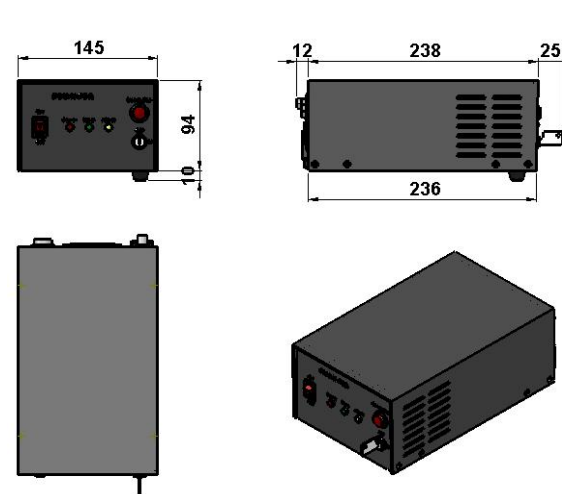
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in scientific research, biomedical applications, ect.



SPECIFICATIONS

| Model  | MLL-F-460   | MLL-F-462 | MLL-F-465 |
|--|---|-----------|-----------|
| Central wavelength (nm)                                | 460±5   | 462±5     | 465±5     |
| Operating mode   | CW  |           |           |
| Output power (mW)                                      | >1000, 1100, 1200, ...,2000   |           |           |
| Power stability (rms, over 4 hours)                    | <1%, <2%, <3% (<0.5%, optional)                                     |           |           |
| Transverse mode  | Multimode   |           |           |
| Noise of amplitude(rms,20Hz~20MHz)                     | <1%   |           |           |
| Beam diameter at the aperture ((1/e <sup>2</sup> ),mm) | ~2.7×2.7  |           |           |
| Beam divergence, full angle (mrad)                     | 1.4×0.2   |           |           |
| Polarization ratio                                     | >50:1 (>100:1, optional)<br>Horizontal±5 degree (Vertical Optional) |           |           |
| Warm-up time (minutes)                                 | <5  |           |           |
| Beam height from base plate (mm)                       | 45  |           |           |
| 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  |           |           |



| MLL-F-460/462/465  | PSU-H-LED  | PSU-H-FDA   |
|--|--|---|
|  <p>216.5 (L) ×88(W) ×74 (H) mm<sup>3</sup>, 1.4kg</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> |