



MDL-XD-635/3-8W



**RED DIODE LASER  
AT 635nm**

Red diode laser at 635nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

|                                     |  |                  |
|-------------------------------------|--|------------------|
| Wavelength (nm)                     | 635±5  |                  |
| Operating mode                      | CW   |                  |
| Output power (mW)                   | 3000, 4000, 5000   | 6000, 7000, 8000 |
| Power stability (rms, over 4 hours) | <1%, <3%, <5%  |                  |
| Polarization direction              | Horizontal+ Vertical   |                  |
| Beam diameter at the aperture (mm)  | ~5×4.8   | ~7×5.5           |
| Beam divergence, full angle (mrad)  | <1.6×2.8   | <1.6×2.6         |
| Warm-up time (minutes)              | <5   |                  |
| Beam height from base plate (mm)    | 89   |                  |
| 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-XD-635   | PSU-H-LED  | PSU-H-FDA  |
|--|--|--|
| <p>226(L)×150(W)×115(H) mm<sup>3</sup>, 6.6 kg</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> |