

MDL-XD-650/655/3000-4500mW

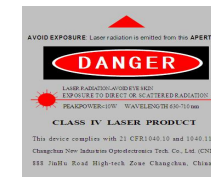
**RED DIODE LASER  
AT 650/655nm**

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



SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| Central wavelength (nm)             | 650±10/ 655±10   |
| Operating mode                      | CW   |
| Output power (mW)                   | >3000, 3500, ...,4500  |
| Power stability (rms, over 4 hours) | <1%, <2%, <3%  |
| Polarization direction              | Horizontal/ Vertical   |
| Beam diameter at the aperture (mm)  | ~9.5×14  |
| Beam divergence, full angle (mrad)  | <3.5×4.0   |
| Warm-up time (minutes)              | <5   |
| Operating temperature (°C)          | 10-35  |
| Power supply (100-240VAC)           | PSU-N-LED/ PSU-N-FDA   |
| TTL / Analog modulation             | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional |
| Expected lifetime (hours)           | 10000  |
| Warranty                            | 1 year   |



| MDL-XD-650/655   | PSU-N-LED  | PSU-N-FDA  |
|--|--|--|
| <p>288(L) × 186(W) × 124.8(H) mm<sup>3</sup>, 6.6 kg</p> | <p>307(L) × 150(W) × 106 (H) mm<sup>3</sup>, 3.0kg</p> | <p>307(L) × 150(W) × 106 (H) mm<sup>3</sup>, 3.0kg</p> |