



MRL-III-FS-650/655/1~1000mW



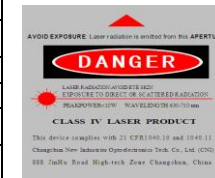
RED DIODE LASER  
AT 650/655nm

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)                   | >1, 100, 200, ... , 1000   |  |
| Power stability (rms, over 4 hours) | <1%, <2%, <3% (<0.5%, optional)  |  |
| Transverse mode                     | Multimode  |  |
| Beam diameter at the aperture (mm)  | ~4×9   |  |
| Beam divergence, full angle (mrad)  | <2.5   |  |
| Warm-up time (minutes)              | <5   |  |
| Beam height from base plate (mm)    | 28.5   |  |
| Operating temperature (°C)          | 10~35  |  |
| Power supply                        | 85-264VAC  | PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz) |
|                                     | 100-240VAC   | PSU-A-D (Frequency for 30kHz -100kHz)              |
| TTL / Analog modulation             | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional |  |
| Expected lifetime (hours)           | 10000  |  |
| Warranty                            | 1 year   |  |



| MRL-III-FS-650/655                                  | PSU-III-LED  | PSU-III-FDA   | PSU-A-D   |
|---|--|---|---|
| <p>146 (L) ×73(W) ×50 (H) mm<sup>3</sup>, 0.7kg</p> | <p>188.6 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p> | <p>171(L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p> | <p>162(L) ×144(W) ×70 (H) mm<sup>3</sup>, 1.0kg</p> |