



MDL-SD-635/1000-1200mW



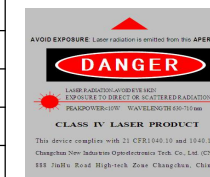
**RED DIODE LASER
AT 635nm**

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) | 635±10 |
| Operating mode | CW |
| Output power (mW) | >1000, 1100, 1200 |
| Power stability (rms, over 4 hours) | <1%, <2%, <3% |
| Polarization direction | Horizontal+ Vertical |
| Beam diameter at the aperture (mm) | 5.0×3.8 |
| Beam divergence, full angle (mrad) | <1.6×0.2 |
| Warm-up time (minutes) | <5 |
| Operating temperature (°C) | 10~35 |
| Power supply (85-264VAC) | PSU-III-LED/ PSU-III-FDA |
| TTL / Analog modulation | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



| MDL-SD-635 | PSU-III-LED | PSU-III-FDA |
|---|--|---|
| <p>131.2(L)×99(W)×91(H) mm³, 1.6kg</p> | <p>188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg</p> | <p>171(L) ×130(W) ×62.2 (H) mm³, 1.2kg</p> |