

MDL -W-447 /8000~20000mW

HIGH POWER BLUE DIODE LASER at 447NM


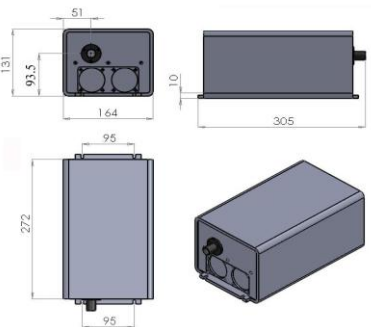

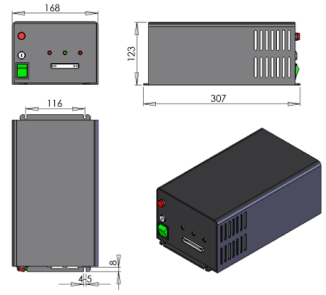
Diode blue laser at 447nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

| | | | |
|---|---|---------|-------|
| Wavelength (nm) | 447±5 | | |
| Output power (W) | >8 | >10, 12 | >20 |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | | |
| Warm-up time (minutes) | <5 | | |
| Beam divergence, full angle (mrad) | <2.0×0.5 | | |
| Dimensions of beam at the aperture (mm) | 6×5 | 11×5 | 11×10 |
| Beam height from base plate (mm) | 93.5 | | |
| Operating temperature (°C) | 10~35 | | |
| Power supply (90-264VAC or 12VDC) | PSU-W-FDA | | |
| Modulation option | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off | | |
| Expected lifetime (hours) | 10000 | | |
| Warranty | 1 year | | |



| MDL-W-447 | Dimensions | PSU-W-FDA | Dimensions |
|--|---|---|--|
|  <p>305 (L) ×164(W) ×131 (H) mm³, 8.4 kg</p> |  |  <p>307 (L) ×168(W) ×123(H) mm³, 5.1 kg</p> |  |