MLL-W-532 /5–20W

LD PUMPED ALL-SOLID-STATE LOW NOISE GREEN LASER

All solid state 532nm low noise laser is made features of ultra compact, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc.

SPECIFICATION

- **Wavelength (nm)**: 532±1
- **Operating mode**: CW
- **Output power (W)**: ~5, >5, 5.5, 6, ..., 20
- **Power stability (rms, over 4 hours)**: <1%, <3%, <5%
- **Transverse mode**: Near TEM00
- **Spectral linewidth (nm)**: <0.01, <0.1
- **Noise of amplitude (rms, 1–20MHz)**: <1%
- **M² factor**: 3.0–6.0 (<3.0 on request)
- **Beam divergence, full angle (mrad)**: <2.0
- **Beam diameter at the aperture (1/e²,mm)**: ~4.0
- **Warm-up time (minutes)**: <10
- **Polarization ratio**: >50:1
- **Beam height from base plate (mm)**: 93.5
- **Operating temperature (°C)**: 10–35
- **Power supply (90-264VAC)**: PSU-W-LED, PSU-W-FDA
- **TTL / Analog modulation**: TTL or Analog with 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz optional
- **Expected lifetime (hours)**: 10000
- **Warranty period**: 1 year

**Expected dimensions**:
- **MxL-W-532**:
  - 346(L) x 140(W) x 125(H) mm³, 5.7 kg
- **PSU-W-LED**:
  - 336 (L) x 168 (W) x 133 (H) mm³, 4.8 kg
- **PSU-W-FDA**:
  - 307 (L) x 168 (W) x 123 (H) mm³, 4.5 kg