



MDL-III-460 /1~1200mW

BLUE LASER AT 460nm





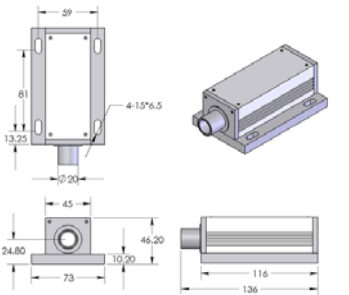

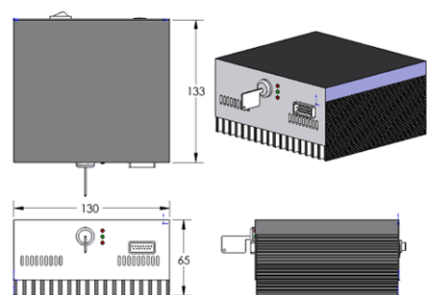
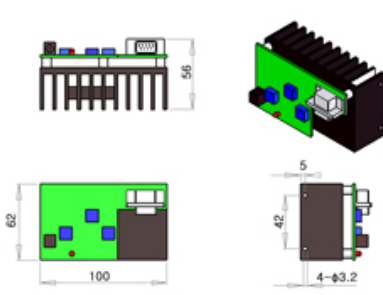
Blue laser 460nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser projection, stage lighting, biomedical applications, metrology, etc.



SPECIFICATIONS

| | | | |
|---|---|-------------|-------------|
| Wavelength (nm) | 460 ± 10 | | |
| Output power (mW) | >1, 10, ..., 1200 | | |
| Transverse mode | Near TE ₀₀ | | |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | | |
| Warm-up time (minutes) | <5 | | |
| M ² factor | <20 | | |
| Beam divergence, full angle (mrad) | <2.5 | | |
| Dimensions of beam at the aperture (mm) | ~5×8 | | |
| Beam height from base plate (mm) | 24.8 | | |
| Polarization ratio | >50:1 | | |
| Pointing stability after warm-up (mrad) | <0.05 | | |
| Operating temperature (°C) | 10~35 | | |
| Power supply (90-264VAC or 5VDC) | PSU-III-LED | PSU-III-FDA | PSU-III-OEM |
| Modulation option | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off | | |
| Expected lifetime (hours) | 10000 | | |
| Warranty | 1 year | | |



| MxL-III-460 | PSU-III-LED | PSU-III-FDA | PSU-III-OEM |
|--|--|---|--|
|  136(L)×73(W)×46.2(H) mm ³ , 0.6kg |  153 (L) ×155(W) ×92 (H) mm ³ , 1.5kg |  133 (L) ×130(W) ×65 (H) mm ³ , 1.2kg |  100 (L) ×62(W) ×56 (H) mm ³ , 0.2kg |
|  |  |  |  |