

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MDL-III-375/1~150mW

UV LASER AT 375 nm

UV laser module at 375 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in medical imaging, flow cytometry, DNA sequencing, etc.

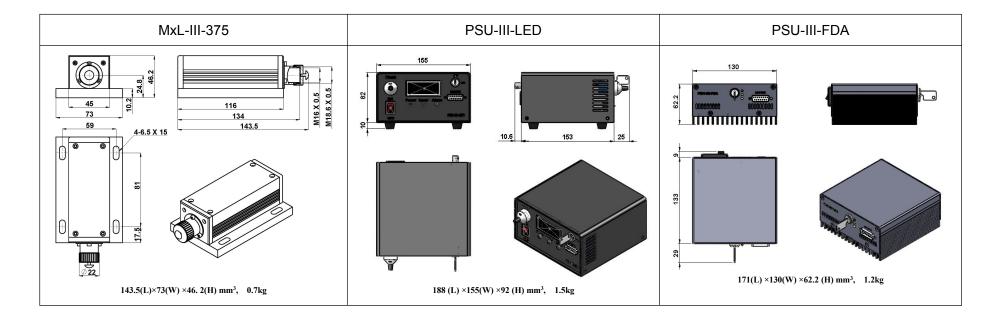


SPECIFICATIONS

| Wavelength (nm) | 375±5 | |
|--|---|-------------|
| Operating mode | CW | |
| Output power (mW) | >1, 10, 50,, 150 | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5%, <10% | |
| Transverse mode | Multimode | |
| Beam diameter at the aperture (1/e2,mm) | <1.5×3.5 | |
| Beam divergence, full angle (mrad) | ~2.2×0.02 | |
| Polarization ratio | >50:1 (>100:1 optional) | |
| Warm-up time (minutes) | <5 | |
| Beam height from base plate (mm) | 24.8 | |
| Pointing stability after warm-up (μrad/°C) | <6 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (85-264VAC) | PSU-III-LED | PSU-III-FDA |
| Modulation option | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off | |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |







Website: http://www.eforcelaser.com.au E-mail: sales@eforcelaser.com.au Fax: 03-83954370