

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

MGL-F-540/1~500mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 540 nm green laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is widely used in scientific experiment, laser fluorescence, treatment of facial capillary dilation, etc.



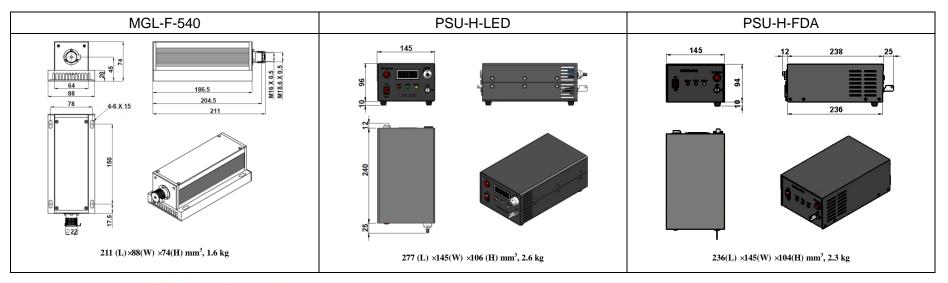
SPECIFICATIONS

| Central wavelength (nm) | 540±1 | |
|--|------------------------|-----------|
| Operating mode | CW | |
| Output power (mW) | >1, 5, 10, 20, 500 | |
| Power stability (rms, over 4 hours) | <3%, <5%,<10% | |
| Transverse mode | Near TEM ₀₀ | |
| M ² factor | <2.0 | |
| Beam diameter at the aperture $1/e^2$ (mm) | ~3.0 | |
| Beam divergence, full angle (mrad) | <2.0 | |
| Polarization ratio | >100:1 | |
| Warm-up time (minutes) | <10 | |
| Pointing stability after warm-up (mrad) | <0.05 | |
| Beam height from base plate (mm) | 45 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-H-LED | PSU-H-FDA |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |





CLASS IIIb LASER PRODUCT his device complies with 21 CFR1040.10 and 1040.11 hangshran New Industries Optoelectuatics Tech. Co., Ltd. (CNI) 888 JinHu Road High-tech Zone Changchun, China



Kokyo 株式会社光響 http://www.symphotony.com/ メール:info@symphotony.com