

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MLL-FN-660/100~400mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE LOW NOISE RED LASER AT 660nm

Low noise red laser at 660nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and scientific research etc.

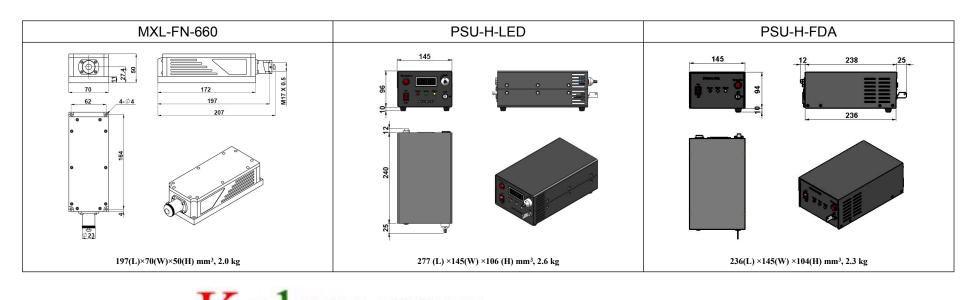


| Wavelength (nm) | 660 ± 1 | |
|---|------------------------|-----------|
| Operating mode | CW | |
| Output power (mW) | >100, 110, 120, , 400 | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | |
| Transverse mode | Near TEM ₀₀ | |
| M ² factor | <1.2 | |
| Noise of amplitude (rms, 20Hz~20MHz) | <1% | |
| Beam diameter at the aperture (1/e ² , mm) | ~2.0 | |
| Beam divergence, full angle (mrad) | <1.5 | |
| Warm-up time (minutes) | <10 | |
| Pointing stability after warm-up (mrad) | <0.05 | |
| Beam height from base plate (mm) | 27.4 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-H-LED | PSU-H-FDA |
| Expected lifetime (hours) | 10000 | |
| Warranty | 1 year | |



PEARPOWER-10W WAVELENOTH 635-431am CLASS IV LASER PRODUCT 5 device complies with 21 CFR1040.10 and 1040. ngdum New Industries Optoelectronics Tech. Co., IdJ. (C. 3 infuth Road High-tech Zone Changehum, Ch

Note: The laser head needs to be used on a heat sink with good heat dissipation.



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