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## DATA SHEET

### LOW NOISE INFRARED LASER AT 1064nm

All solid state low noise infrared lasers at 1064nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



**Model: MLL-H-1064/2000~3000mW**

Wavelength ( nm )	1064 ± 1		
Output Power ( mW )	>2000, 3000		
Transverse Mode	Near TEM <sub>00</sub>		
Operating Mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Noise of amplitude(rms, 20Hz~20MHz)	<1%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<2.0		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	29		
Polarization ratio	>100:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MxL-H-1064	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
 <b>152.5(L) × 77(W) × 60(H) mm<sup>3</sup>, 0.9kg</b>	 <b>268 (L) × 145(W) × 106 (H) mm<sup>3</sup>, 2.6 kg</b>	 <b>238 (L) × 146(W) × 102 (H) mm<sup>3</sup>, 2.3kg</b>	 <b>238 (L) × 146(W) × 94 (H) mm<sup>3</sup>, 2.2kg</b>

<http://www.ultralasers.com>