

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

## MIL-H-1342/1500~2000mW



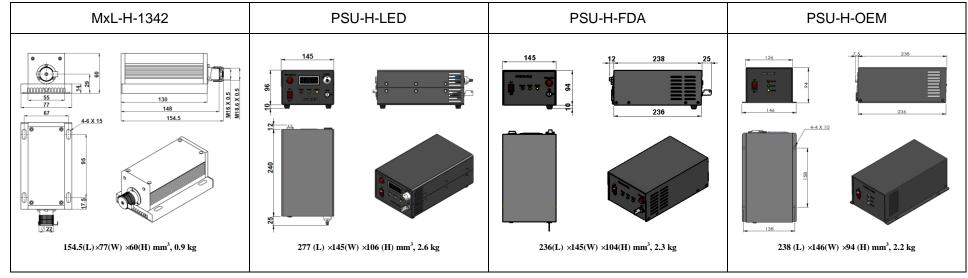
## LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1342nm

All solid state infrared laser 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.



## SPECIFICATIONS

Wavelength (nm)	1342±1			•
Output power (mW)	>1500, 1600, 1700,, 2000			
Transverse mode	Near TEM <sub>00</sub>			
Operating mode	CW			
Power stability (rms, over 4 hours)	<1%, <3%, <5%			
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			AVOD EXPOSURE Laseradation is entited from this APERT
Beam height from base plate (mm)	29			DANGER
Polarization ratio	>100:1			LASER RADIATION-AVOID EVE OR SKIN
Pointing stability after warm-up (mrad)	<0.05			HEAKPOWER-JOW WAVELENGTH BIOM- CLASS IV LASER PRODUCT
Operating temperature (°C)	10~35			This device complies with 21 CFR 1040.10 and 1040.11 Changelum New Industies Opticilectronics Tech. Cis, Ltd (CN
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM	668 Chuengsin Rd, Chengehan, P.R. China
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			
Expected lifetime (hours)	10000			
Warranty period	1 year			



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