

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

MDL-H-2200/1~450mW

## SPECIFICATIONS

## INFRARED DIODE LASER AT 2200nm

Diode infrared laser module at 2200nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



Wavelength (nm)	2200±10				
Output power (mW)	>1, 50, 100, , 45	>1, 50, 100, , 450			
Transverse mode	Near TE <sub>00</sub>	Near TE <sub>00</sub>			
Operating mode	CW	CW			
Power stability (rms, over 4 hours)	<1%, <3%, <5%	<1%, <3%, <5%			
Warm-up time (minutes)	<5	ব			
M <sup>2</sup> factor	<20	<20			
Beam divergence, full angle (mrad)	<5.0	<5.0			
Beam diameter at the aperture (mm)	10~12	10~12			
Beam height from base plate (mm)	29				
Polarization ratio	>50:1	>50:1			
Pointing stability after warm-up (mrad)	< 0.05	<0.05			
Operating temperature (°C)	10~35	10~35			
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM		
Modulation option	TTL/Analog 1Hz-	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off			
Expected lifetime (hours)	10000	10000			
Warranty period	1 year	1 year			





MxL-H-2200	PSU-H -LED	PSU-H-FDA	PSU-H-OEM
	DPSSL DRIVER	DPSSL DRIVER	DPSSL DRIVER
153(L)×77(W) ×60(H) mm <sup>3</sup> , 0.9 kg	268 (L) ×145(W) ×106 (H) mm <sup>3</sup> , 2.6 kg	238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg	238 (L) ×146(W) ×94 (H) mm <sup>3</sup> , 2.2 kg
17.5			

Website: http://www.cnilaser.com E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-87020258