

SPECIFICATIONS

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MLL-H-1040/1~100mW

LOW NOISE INFRARED LASER AT 1040 nm

All solid state low noise infrared laser at 1040 nm 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.









Wavelength (nm)	1040±1		_
Output power (mW)	>1, 2, 3,,100		
Laser crystal	Yb:YAG		
Transverse mode	TEM ₀₀		
Operating mode	CW		- July
Power stability (rms, over 4 hours)	<3%, <5%, <10%		
Noise of amplitude (rms, 20Hz~20MHz)	<3%		7/11
Warm-up time (minutes)	<10		
M ² factor	<1.2		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		AVOID EXPOSURE Laserradation is emitted from this APERTURE
Beam height from base plate (mm)	29		DANGER
Polarization ratio	>3:1(Arbitrarily degree)		DANGER
Pointing stability after warm-up (mrad)	<0.05		LASER RADIATION—A/ODD DRECTE POST RETO BEAN
Operating temperature (°C)	10~35		HEARPOWEN-SOMW WANDENGTH 808m-106m CLASS IIIb LASER PRODUCT
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	This desire complex with 21 CFR 1040 10 and 1040 11 Changcium New Industries Cotalecturius Tech. Co., Ltd. (CNI)
Expected lifetime (hours)	10000		Congrain rew masses Consectories and Co., Lin (Crit) 666 Changen Rd, Changehus, P.R. Chris
Warranty period	1 year		



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