

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

**PGL-FS-405**/1~100mW

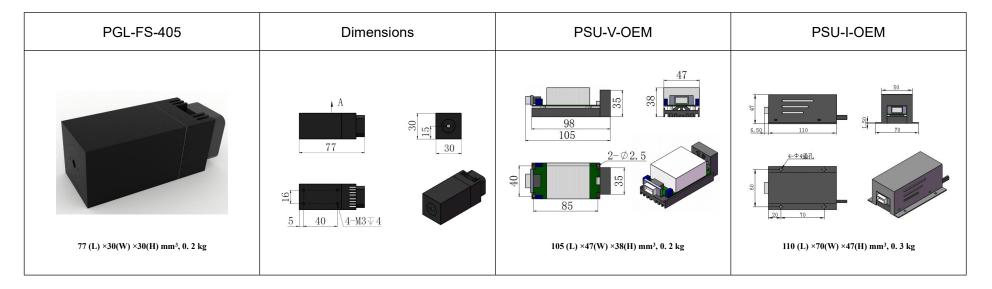
## SPECIFICATIONS

## BLUE DIODE LASER MODULE AT 405 nm

Diode laser module at 405 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser pointing, show and light applications. Very good beam properties make it useful in RGB mixed laser systems.



Wavelength (nm)	405±5		
Operating mode	CW		
Output power (mW)	>1, 10, 20,, 100		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Transverse mode	Near TEM <sub>00</sub>		
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~3.5		
Beam divergence, full angle (mrad)	<0.5		
Warm-up time (minutes)	<10		
Beam height from base plate (mm)	15		AVOID EXPOSUBE Laser radiation is amitted from this
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		LASER FADILITION - AVOID DIRECT EXPOSIBLE TO REAM
Power supply	PSU-V-OEM (90-264VAC)	PSU-I-OEM (7/12VDC)	PEAKPOWER-IOW WAVELENSTH 400-473mm
TTL/Analog modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		This device complies with 21 CFR1040110 and 1040111 Changehan New Industries Opposebroscies Tech. Co., LM. (CNI) 388 JinHu Road High-tech Zone Changehun, China
Expected lifetime (hours)	10000		oo muu toko mga'een bon chargenon, cana
Warranty period	1 year		





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