

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

MGL -U-585 /1~50mW



SPECIFICATIONS

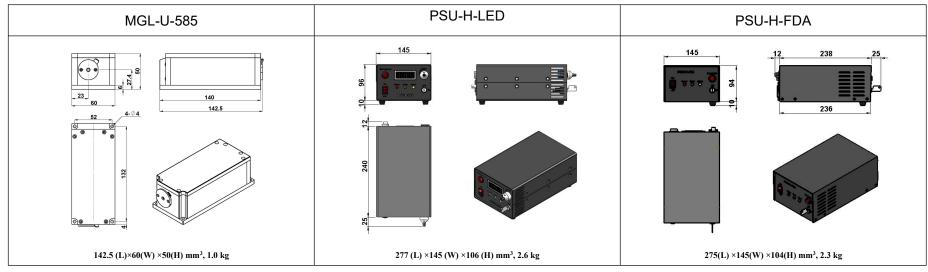
LD PUMPED ALL-SOLID-STATE YELLOW LASER

All solid state 585nm yellow laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



Central wavelength (nm)	585±1	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20,, 50	
Power stability (rms, over 4 hours)	<2%, <3%, <5%	
Transverse mode	Near TEM ₀₀	The second
Beam diameter at the aperture (1/e ² , mm)	0.70±0.1	
Beam divergence (mrad)	<1.5	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	AVOID EXPOSURE Laser radiation is emitted from this APERTURE
Laser head consumption(W)	15 (typical) , <25 (40°C)	DANGER
Max. Laser Head Base plate Temp (°C)	50	LASSE BADATION - AVOID DIRECT EXPOSITE TO REAV
Operating Temperature (°C)	10-40	PEAKPOWER-S10mW WAVELENGTH 500-600mm
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA	CLASS IIIb LASER PRODUCT This device complies with 21 CFR1040.10 and 1040.11
Expected lifetime (hours)	10000	Changehun New Industries Optoelectronics Tech. Co., Ltd. (CNI) 888 JinHu Road High-tech Zone Changchun, China
Warranty	l year	

Note: The laser head needs to be used on a heat sink with good heat dissipation.



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