

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

MGL-F-593.5/50~150mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE YELLOW LASER

All solid state 593.5nm yellow laser	Warm-up tin
•	M ² factor
is made features of ultra compact, long	Beam diverg
lifetime, low cost and easy operating,	Beam diame
which is widely used in collimation, laser	Beam height
medical treatment, scientific experiment,	Polarization
optical instrument, etc.	Pointing stab
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Wavelength (nm)	593.5 ± 1	593.5±1		
Output power (mW)	>50, 60, 80,, 150	>50, 60, 80,, 150		
Transverse mode	Near TEM ₀₀	Near TEM ₀₀		
Operating mode	CW	CW		
Power stability (rms, over 4 hours)	<3%, <5%, <10%	<3%, <5%, <10%		
Warm-up time (minutes)	<10	<10		
M ² factor	<1.5	<1.5		
Beam divergence, full angle (mrad)	<2.0	<2.0		
Beam diameter at the aperture (mm)	~3.0	~3.0		
Beam height from base plate (mm)	45	45		
Polarization ratio	>100:1	>100:1		
Pointing stability after warm-up (mrad)	< 0.05	<0.05		
Operating temperature (°C)	10~35	10~35		
Power supply (89-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM	LASERALKEDN-AVOIDING:TENCORETOREAN ELASTOMER-SOMV WARELENSTH SUM-SOM CLASS HID LASER PRODUCT
Modulation option	TTL on/off, 1Hz-1H	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	10000	10000		
Warranty period	1 year	1 year		

MxL-F-593.5	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
		DPSSL DRIVER BUT There are a first the second secon	DPSSL DRIVER The state of the
209(L)×88(W) ×74(H) mm ³ , 1.6 kg	268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	238 (L) ×146(W) ×94 (H) mm ³ , 2.2 kg

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