

## **PDF DATA SHEET**

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

## MGL-III-589/1~50mW

## **SPECIFICATIONS**

LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 589nm	Wavelength (nm)	589 ± 2				
	Output power (mW)	>1, 2, 10,,50 TEM <sub>00</sub>				
	Transverse mode				- NHA	
	Operating mode	CW				
	Power stability (rms, over 4 hours)	<10%				
All solid state laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.	Warm-up time (minutes)	<10			1 Miles	
	M <sup>2</sup> factor	<1.5				
	Beam divergence, full angle (mrad)	<1.5				
	Beam diameter at 1/e <sup>2</sup> (mm)	~1.2				
	Beam height from base plate (mm)	24. 8			AVOD EXPOSURE Laterredation tended from the APERILIPE	
	Pointing stability after warm-up (mrad)	<0.05			DANGER	
	Operating temperature (°C)	10~35			DANGER	
	Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM	LASERRADIATION-AVOID DEFECTENCIE RETOREM	

	Modulation option	Modulation option TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
180 FDA 🖌 🤇 E JOA	Expected lifetime (hours)	10000	This dense complex with 21 CFR 1040 10 and 1040 11 Changchin New Industrie Optostectories Tech Cis., Ltd. (CH)	
ROHS	Warranty	1 year	Chargefun New Industrie Optosectories Ten. Ch. (Lil (CHI) 660 Chargefun Rd, Chargefun, P.R. Chru	
MxL-III-589	PSU-III-LED	PSU-III-FDA	PSU-III-OEM	
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140. 8(L)×73(W) ×46. 2(H) mm <sup>3</sup> , 0.6kg	153 (L) ×155(W) ×92 (H) mm <sup>3</sup> , 1.5kg	133 (L) ×130(W) ×65 (H) mm <sup>3</sup> , 1.2kg	100 (L) ×62(W) ×56 (H) mm <sup>3</sup> , 0.2kg	
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