

春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MGL-III-589/1~50mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE YELLOW 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.	Wavelength (nm)	589 ± 2			
	Output power (mW)	>1, 2, 10,,50			
	Transverse mode	Near TEM ₀₀			
	Operating mode	CW	- Subles		
	Power stability (rms, over 4 hours)	<10%			
	Warm-up time (minutes)	<10	- Mult		
	M ² factor	<1.5			
	Beam divergence, full angle (mrad)	<1.5			
	Beam diameter at the aperture (mm)	~2.0			
	Beam height from base plate (mm)	24.8			AVOD EXPOSIRE Laterresidents enflection the APERTURE
	Pointing stability after warm-up (mrad)	< 0.05	DANGER		
	Operating temperature (°C)	10~35			DANULK
	Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM	LASERADIATION-AVOID DESCRIPTIONEAN
	Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			E43CMER/SOLAV WAVELENGTH SOLD/Sold CLASS IIIb LASER PRODUCT
	Expected lifetime (hours)	10000			This device complex with 21 CPR 1040 10 and 1040 11 Changehan New Industries Centralectronics Tech Cu. Ltd (CNI)
	Warranty	1 year			changema new manner optionscention new Co., Lin (2010) 660 Changein R4, Chingehan, P.R. China

MxL-III-589	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
140. 8(L)×73(W) ×46. 2(H) mm ³ , 0.6kg	154 (L) ×155(W) ×95 (H) mm ³ , 1.5kg	DP55L DRIVER	100 (L) ×60(W) ×56 (H) mm ³ , 0.2kg