

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

**MDL-III-940R**/1~400mW

## INFRARED DIODE LASER AT 940nm

**SPECIFICATIONS** 

Diode infrared laser module at 940 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



Wavelength (nm)	$940 \pm 5$	940±5		
Output power (mW)	>1, 100, 200, 300,	>1, 100, 200, 300,, 400		
Energy distribution	Even			
Beam Spot	Round			
Power stability (rms, over 4 hours)	<1%, <3%, <5%			
Warm-up time (minutes)	<5			
Beam divergence, full angle (mrad)	<8.0			
Dimensions of beam at the aperture (mm)	~2.0			
Beam height from base plate (mm)	24.8			
Operating temperature (°C)	10~35	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM	
Modulation option	TTL/Analog 1Hz-	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10000	10000		
Warranty	1 year	1 year		



HARPONER-BAN WAMEENGH SEBIE-BORE CLASS IV LASER PRODUCT

This drives exception with 21 CFR 1940-10 and 1940-11 Changetinn-New Industries Opticalectronic Tech. Co., Lall (CNI) 681. Changetinn PAJ, Changeban, P.R. Chao

MxL-III-940R	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
	Algent	DPSSL DRIVER	
139(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