

## 新产**业光电技术**有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

MRL-III -635R /1~150mW

## SPECIFICATIONS

## **RED DIODE LASER** At 635nm

Diode red laser 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



Wavelength (nm)	635 ± 5	635 ± 5			
Output power (mW)	>1, 10, 20, , 150	>1, 10, 20, , 150			
Energy distribution	Even	Even			
Beam spot	Round	Round			
Operating mode	CW	CW			
Power stability (rms, over 4 hours)	<1%, <3%, <5%	<1%, <3%, <5%			
Warm-up time (minutes)	<5	<5			
Beam divergence, full angle (mrad)	<8.0	<8.0			
Beam diameter at the aperture (mm)	~2.0	~2.0			
Beam height from base plate (mm)	24.8	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			



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MxL-III -635R	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
	Alguet Cr Cr Cr Cr Cr Cr Cr Cr Cr Cr	O 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
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