

MDL-III-830/1~2000mW



### INFRARED DIODE LASER AT 830nm

Infrared diode laser at 830nm is made features of high power, long lifetime, cost-effectiveness and easy operating, which is widely used in measurement, spectrum analysis, etc.



### SPECIFICATIONS

Wavelength (nm)	830±10	
Operating mode	CW	
Output power (mW)	>1, 100, 200, 300, ..., 2000	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Multimode	
Dimensions of beam at the aperture (mm)	~5×8	
Beam divergence, full angle (mrad)	<2.5	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (85-264VAC)	PSU-III-LED	PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-830	PSU-III-LED	PSU-III-FDA
<p>146 (L) ×73(W) ×46.2 (H) mm<sup>3</sup>, 0.7kg</p>	<p>188.6 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	<p>171 (L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p>