



MDL-III-730 /1~1500mW

SPECIFICATIONS





RED DIODE LASER AT 730nm

Red diode laser at 730nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, etc.



Wavelength (nm)	730±3		
Output power (mW)	>1, 100, 200, 300, ..., 1500		
Transverse mode	Near TE ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
M ² factor	<20		
Beam divergence, full angle (mrad)	<3. 0		
Dimensions of beam at the aperture (mm)	~5×8		
Beam height from base plate (mm)	24. 8		
Polarization ratio	>50:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10000		
Warranty	1 year		



MxL-III-730	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
			
136(L)×73(W)×46. 2(H) mm ³ , 0.6kg	153 (L) ×155(W) ×92 (H) mm ³ , 1.5kg	133 (L) ×130(W) ×65 (H) mm ³ , 1.2kg	100 (L) × 62(W) ×56 (H) mm ³ , 0.2kg
