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DATA SHEET

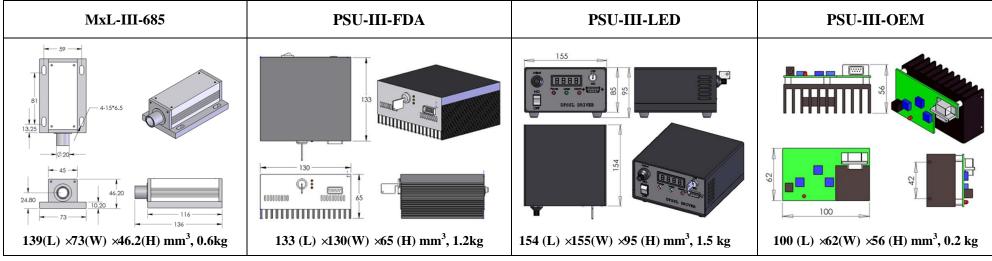
RED DIODE LASER AT 685nm

Diode red laser 685nm is made features of ultracompact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



Wavelength (nm)	685 ±5nm		
Output Power (mW)	>5, 10, 15, 20		
Transverse Mode	Near TEM 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)	<0.5		
Dimensions of beam at aperture (mm)	~4.0		
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-FDA	PSU-III-LED	PSU-III-OEM
Modulation	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10,000		
Warranty period	1 year		

Model: MRL-III-685/1~20mW



http://www.ultralasers.com