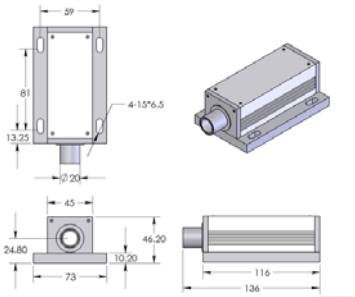
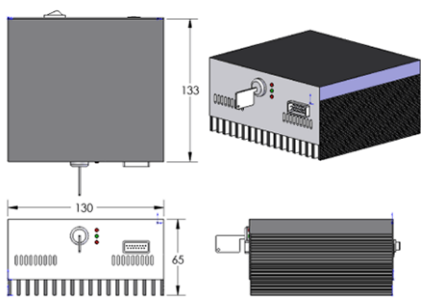
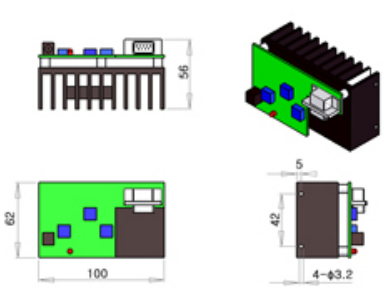
MDL-III-885/1~2000mW

INFRARED DIODE LASER AT 885nm

Diode infrared laser module at 885nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.

SPECIFICATIONS

Wavelength (nm)	885 ± 5		
Output power (mW)	>1, 50, 100, … , 2000		
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 (℃)	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-885	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**
			

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