Opto Engine LLC

Data sheet

Rev. 2102

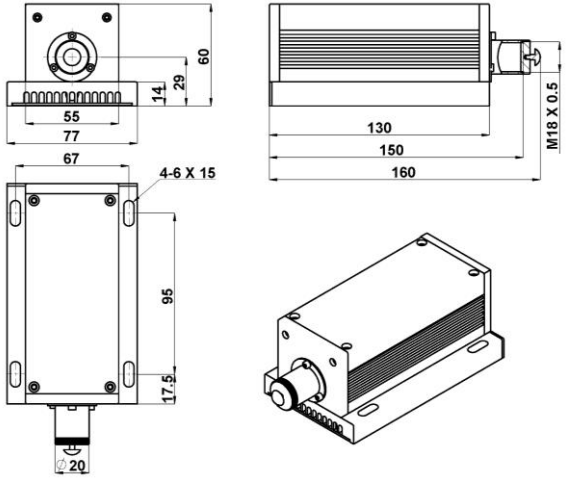
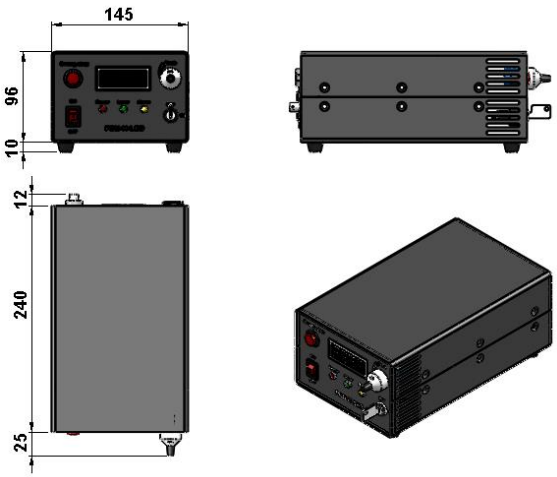
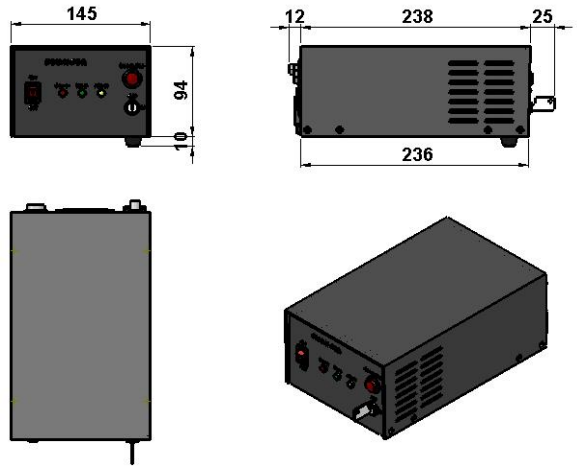
MDL-H-2200/1~400mW

INFRARED DIODE LASER AT 2200nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.

SPECIFICATIONS

Central wavelength (nm)	2200+30/-50	
Operating mode	CW	
Output power (mW)	>1, 100, 200, … ,400	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Transverse mode	Multimode	
Dimensions of beam at the aperture (mm)	~7×8	
Beam divergence, full angle (mrad)	<5. 0	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	29	
Operating temperature (℃)	10~35	
Power supply (100-240VAC)	PSU-H-LED	PSU-H-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	

MDL-H-2200	PSU-H-LED	PSU-H-FDA
		
160 (L) ×77(W) ×60 (H) mm³, 0.9kg	277 (L) ×145(W) ×106(H) mm³, 2.3kg	275 (L) ×145(W) ×104(H) mm³, 2.1kg

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