



Your source for high quality, affordable lasers

Model: MLL-III-730L/1~30mW

DATA SHEET

LOW NOISE RED DIODE LASER AT 730nm

Low noise 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 ± 10nm	
Output power (mW)	>5, 10, 15, 20, 25, 30	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 1~20MHz)	<1%	
Coherence length (cm)	20	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	<1.0	
Dimensions of beam at aperture (mm)	~3.0	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-III-FDA	PSU-III-LED
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MxL-III-730L	Dimensions	PSU-III-LED	PSU-III-FDA
	<p>139(L) × 73(W) × 46.2(H) mm³, 0.6kg</p>	<p>154 (L) × 155(W) × 95 (H) mm³, 1.5 kg</p>	<p>133 (L) × 130(W) × 65 (H) mm³, 1.2kg</p>