



MLL-III-730 /1~1500mW

**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.



**SPECIFICATIONS**

Wavelength (nm)	730 ± 10	
Output power (mW)	>1, 5, 10, ..., 1500	
Transverse mode	Near TE <sub>00</sub>	
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)	<3.0	
Dimensions of beam at the aperture (mm)	~5×8	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-III-FDA	PSU-III-LED
Expected lifetime (hours)	10000	
Warranty	1 year	



MLL-III-730	PSU-III-LED	PSU-III-FDA
 136(L)×73(W)×46.2(H) mm <sup>3</sup> , 0.6kg	 153 (L) ×155(W) ×92 (H) mm <sup>3</sup> , 1.5kg	 133 (L) ×130(W) ×65 (H) mm <sup>3</sup> , 1.2kg
		