

RED DIODE LASER AT 640nm

Features

- round spot
- long lifetime
- low owning cost
- ease-to-use

Applications

- research
- laser show
- optical instrument
- spectrum analysis



SPECIFICATIONS

Wavelength (nm)	640±5	
Output power (mW)	50, 100, 150, 200	
Transverse mode	near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<10	
M ² factor	<2.0	
Beam divergence, full angle (mrad)	<1.0	
Beam diameter at the aperture (mm)	~3.0	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-FDA	PSU-III-LED
Modulation (optional)	TTL or analog modulation, 1Hz-5kHz, 1Hz-10kHz, 1Hz-30kHz	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-640	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, 1.5kg</p>	<p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>