

Opto Engine LLC

Data sheet

Rev. 0912

MRL-III -640 /1~150mW

RED DIODE LASER At 640nm

Diode red laser at 640nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	640±5
Output power (mW)	>1, 10, 20, ... , 150
Transverse mode	Near TEM ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
Beam divergence, full angle (mrad)	<1.0
Dimensions of beam 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
TTL modulation/ Analog modulation	Optional, 2kHz or higher (others on request, up to 30kHz)
Warranty	1 year



MxL-III -640	Dimension	PSU-III-FDA	Dimension
<p>140. 8(L)×73(W) ×46. 2(H) mm³, 0.6kg</p>		<p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	