

# Opto Engine LLC

## Data sheet

Rev. 0912

MLL-III-640 /1~150mW

### LOW NOISE RED DIODE LASER At 640nm

Low noise red diode laser at 640nm 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)	640±5
Output power (mW)	>1, 10, 30, ..., 150
Transverse mode	Near TEM <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)	<10
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)	PSU-III-FDA
Warranty	1 year



MLL-III -640	Dimension	PSU-III-FDA	Dimension
<p>140. 8(L)×73(W) ×46. 2(H) mm<sup>3</sup>, 0.6kg</p>		<p>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p>	