

# Opto Engine LLC

## Data sheet

Rev. 0912

MLL-III-660/1~100mW

### LOW NOISE RED LASER AT 660nm

Low noise red laser at 660nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show, etc.



### SPECIFICATIONS

Wavelength (nm)	660±1		
Output power (mW)	>1, 5, 10, 20, ..., 100		
Transverse mode	Near TEM <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<5%, <10%		
Noise of amplitude (rms, 1~20MHz)	<1%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~2.0		
Beam height from base plate (mm)	24.8		
Polarization ratio	>100:1 (0 or 90 degree)		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
Expected lifetime (hours)	10000		
Warranty	1 year		



MxL-III-660	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
<p>140.8(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.6 kg</p>	<p>154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg</p>	<p>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2 kg</p>	<p>100 (L) ×60(W) ×56 (H) mm<sup>3</sup>, 0.2 kg</p>