



Your source for high quality, affordable lasers

DATA SHEET



LOW NOISE UV LASER AT 375nm

It features ultra-compact design, long lifetime, cost-effective and easy operation. They are used in medical imaging, flow cytometry, DNA sequencing, etc.



Model: MLL-III-375 / 1~150mW

Wavelength (nm)	375 ± 5	
Output power (mW)	>1, 10, 50, ... 150 (CW)	
Transverse mode	Multimode	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <2%, <3%, optional	
Noise of amplitude (rms, 20~20MHz)	<1%	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	~2.3 x 0.2	
Beam diameter at the aperture (mm)	<1.5 x 3.5	
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply	85-264VAC	PSU-III-LED/PSU-III-FDA (frequency 1Hz-100kHz)
	100-240VAC	PSU-A-D (frequency 30kHz-100kHz)
Modulation	TTL or Analog (from 1Hz to 100kHz, optional)	
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MLL-III-375	PSU-III-LED	PSU-III-FDA	PSU-A-D
<p>143.5(L) × 73(W) × 46.2(H) mm³, 0.7kg</p>	<p>188.6(L) × 155(W) × 92(H) mm³, 1.5kg</p>	<p>171(L) × 130(W) × 62.2(H) mm³, 1.2kg</p>	<p>162(L) × 144(W) × 70(H) mm³, 1.0kg</p>