



KIMMON KOHA CO., LTD.



Blue-Violet Laser Specifications

Mar. '13

Model	KAL -55-A	KAL -50C-A	KBL -100-A	KBL -90C-A	KBL -S130-A	KBL -S120C-A	KCL -80-A	KCL -75C-A	KDL -55-A	KDL -50C-A	Remarks
Wavelength (nm)	375±5nm		405±5nm				445±5nm		488±5nm		
Rated Power (mW)	55	50	100	90	130	120	80	75	55	50	
Longitudinal Mode	Multi Mode										
Polarization	Linear										
Polarization ratio	> 1: 100										
Noise(rms) (%)	< 0.5 (1Hz~10MHz)										
Power Stability	≤ ±2 (%/4Hr.)										
Environmental Condition	Temperature = 10~35°C Humidity ≤ 90%										
Dimensions (mm)	A	B	A	B			A	B	A	B	A:62*135*46 B:62*175*46
Mass (g)	430	550	430	550			430	550	430	550	
Class	3B(ClassIIIb)		4(ClassIV)				3B(ClassIIIb)				

1) Non condensing

Model		K*L-**-A (elliptic beam type)	K*L-**-A (circular beam type)	Remarks
Beam Diameter (1/e2)	(mm)	< 1.5*3.5	< φ1.5 (KAL: < φ2.5)	2)
Beam Divergence	(mrad)	< 1.2	< 0.8	
M2		< 1.2		FFP

2) Measured at 100mm from laser head aperture

The optional PC software supports Windows® 8, Windows® 7 and Windows® XP.

The standard of an optional USB cable is a version of USB 2.0.

Specifications subject to change without notice.

