

Specifications FKLA-Models			
	FKLA-1000 blue	FKLA-x000 green	FKLA-1500 red
Wavelengths & Powers	457nm / >800mW (1000mW typical)	532nm / >3000mW 532nm / >5000mW 532nm / >8000mW	671nm / >1500mW (2000mW typical)
Beam Diameter	2mm (1/e ²) +/- 25%	2.5mm (1/e ²) +/- 25%	2mm (1/e ²) +/- 25%
Beam Quality M ²	<5 (Multi-Mode)	<10 (Multi-Mode) (M ² ~6 typical)	<10 (Multi-Mode) (M ² ~6 typical)
Beam Ellypticity	<1.5 : 1	<1.5 : 1	<1.5 : 1
Polarisation	>100:1 vertical	>100:1 vertical	>100:1 vertical
Power Stability	<5% / h	<5% / h	<5% / h
Noise 0Hz-10MHz	<5% peak<>peak	<5% peak<>peak	<5% peak<>peak
Modulation Speed	not available	Analog: 10Hz Digital: 25kHz	Analog: 10Hz Digital: 25kHz
Cooling	Water (closed loop)	Peltier / Air	Peltier / Air
Supply Voltage	80-245VAC, 50/60Hz		
Features	Safety- Interlock RS-232 Interface Remote-Connector Closed-Loop Water Chiller (FKLA-1000 blue only)		
Options	LDM.COL - Beam Collimation Objective LDM.FASY.XXX - Fibre Coupling Unit		