

 Wavelength Optics 248 nm for FBG (KrFFBG)	 Maximum Frequency 200 Hz 500 Hz 1000 Hz	 Power Setting Standard Power (SP) High Power (HP)	 Cooling Concept Air Cooled (AC) Liquid Cooled (LC)
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Key Specifications

Series	MLI		
Gas/Optics	KrFFBG (KrF with special optics for FBG applications)		
Wavelength (nm)	248		
Max. Repetition Rate (Hz)	200	500	1000
Standard Power Configuration (SP)	Stabilized Energy (mJ)	5	
	Maximum Energy (mJ)	10	
High Power Configuration (HP)	Stabilized Energy (mJ)	10	
	Maximum Energy (mJ)	14	
Energy Stability (sigma, %)	<2 (E ≥ stabilized pulse Energy)		
Pulse Duration (fwhm, ns)	5..10		
Beam Dimensions (fwhm, V x H mm)	6x3 (typical)		
Beam Divergence (fwhm, V x H mrad)	2x1 (typical)		
Duty Cycle, Air Cooled (AC)	100%	40%, max. 10min on	20%, max. 5min on
Duty Cycle, Water Cooled (LC)	100%		
Weight	75kg		
Electrical, Standard Power (SP)	230V, 50/60Hz, ≤ 2kVA		
Electrical, High Power (HP)	230V, 50/60Hz, ≤ 2.3kVA		
Electrical Connection, Internal Fuse	single phase (IEC 60320 - C14), 10AT		
Housing	Stainless Steel, IP20		
Dimensions, Air Cooled (AC) (L x W x H)	560 x 315 x 445mm ³		
Dimensions, Water Cooled (LC) (L x W x H)	560 x 355 x 445mm ³		
Packaging Dimensions (L x W x H)	0.8 x 0.5 x 0.7m ³		
Visual Impression			