

Commercial Lasers Portfolio

High-Power Fiber Lasers



CORELIGHT®
Fiber Laser Systems



CORELIGHT
Fiber Laser Engines



CORELIGHT
Single-module
Fiber Laser Engines

Direct Diode Lasers



IDL Series
Air-Cooled Direct-Diode Laser
System

Ultrafast Industrial Lasers

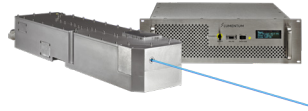


PicoBlade® 3
High-Power Picosecond
Micromachining Laser

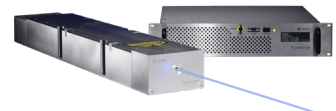


PicoBlade 2
Compact Picosecond
Micromachining Laser

Q-Series



High-Power Q-Switched
Diode Pumped UV Lasers:
Q-306



High-Power Q-Switched
Diode Pumped UV and
Green Lasers

Gas Lasers



Argon-Ion, Helium-Neon
Low-Power Visible CW Lasers

CW Solid State Lasers



NPRO Visible and IR

Application Matrix		CORELIGHT	Q-Series	Ultrafast Industrial	NPRO 125/126	CDP5532M	IDL	Helium-Neon	Argon-Ion
Macromaterials Processing	Brazing	■							
	Cladding	■							
	Cutting	■							
	Additive Manufacturing	■							
	Metal Welding	■							
	Plastics Welding						■		
Micromaterials Processing	Display Processing			■					
	Additive Manufacturing		■						
	Dicing(Wafer/Power Device/LED/MEMS)		■	■					
	Glass and Sapphire Processing		■	■					
	Semiconductor Dicing			■					
	High-Speed Precision Metal Machining			■					
	Selective Thin-Film Ablation			■					
	Medical Device Manufacturing			■					
	Via Hole Drilling		■	■					
Biomedical and Analytics Instrumentation	Biotechnology Instrumentation				■		■	■	
	Flow Cytometry						■	■	
	Life Sciences				■		■	■	
	Remote Sensing			■			■		
Semiconductor Inspection	Mask and Wafer Inspection				■		■	■	
Other Applications	Stereolithography								
	Graphics and Imaging						■	■	
	Government/Aerospace/Defense			■	■				

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