

Commercial Lasers Portfolio

Fiber Laser Engines



CORELIGHT®
YLE 2005/3005 2100/3150 W
Fiber Laser Engines



CORELIGHT
YLE 4005 4200 W
Fiber Laser Engines



CORELIGHT
YLE 6005/9005 6300/9450 W
Fiber Laser Engines

Direct Diode Lasers



IDL Series
180 W Air-Cooled Direct-Diode
Laser System

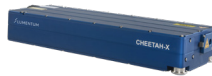
Ultrafast Industrial Lasers



PicoBlade® 2
Compact Picosecond
Micromachining Laser



PicoBlade
Picosecond
Micromachining Laser



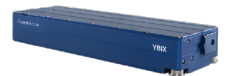
CHEETAH-X
Compact
Picosecond Laser



ARGOS
Industrial High-Power
Picosecond Laser

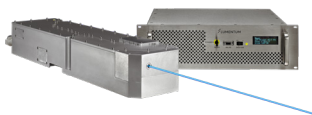


LYNX
Industrial Versatile
Picosecond Laser

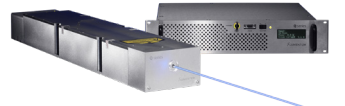


YBIX
Compact, High Power,
Femtosecond Laser

Q-Series



High-Power Q-Switched
Diode Pumped UV Lasers:
Q-305, Q-306



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

XcYTE Series



Quasi-Continuous Wave UV Lasers

Gas Lasers



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

CW Solid State Lasers



FCD, NPRO Visible and IR

Application Matrix											
		CORELIGHT	Q-Series	Ultrafast Industrial	FCD488	NPRO 125/126	CDP5532M	XcYTE	IDL	Argon-Ion	Helium-Neon
Macromaterials Processing	Brazing	■									
	Cladding	■									
	Cutting	■									
	Hardening	■									
	Metal Welding	■									
	Plastics Welding								■		
Micromaterials Processing	Additive Manufacturing		■								
	Dicing(Wafer/Power Device/LED/MEMS)		■	■							
	Display Processing			■							
	Glass and Sapphire Processing		■	■							
	Medical Device Manufacturing			■							
	Via Hole Drilling		■	■							
Biomedical and Analytics Instrumentation	Biotechnology Instrumentation			■	■		■	■		■	■
	Flow Cytometry			■	■					■	■
	Multiphoton Excitation Microscopy			■							
	Life Sciences			■	■		■	■		■	■
	Remote Sensing					■					■
	Ultrafast Spectroscopy			■							
Semiconductor Inspection	Mask and Wafer Inspection			■	■		■			■	■
Other Applications	Stereolithography			■				■			
	Graphics and Imaging				■					■	■
	Government/ Aerospace/Defense					■	■				
	Research		■	■							■

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