

Real Value-Add Service and Support



Narrow Line Photonics Distribution for the UK & Ireland



* GENERATION * EMISSION * TRANSMISSION * MODULATION * PROCESSING * SWITCHING * AMPLIFICATION * DETECTION * SENSING

* GENERATION * EMISSION * TRANSMISSION * MODULATION * PROCESSING * SWITCHING * AMPLIFICATION * DETECTION * SENSING

ELUXI – Enabling Photonics Solutions

From its central location in the UK's East Midlands, ELUXI specialises in the supply of premium photonics products and solutions for the UK and Ireland, all tailored specifically for your needs. Working with leading global suppliers, we concentrate on the provision of the very best high-tech products, designed to meet the most exacting needs of the industrial, medical, energy and defence sectors as well as research organisations.

All activities are underpinned by a specialist team of experienced photonics professionals, dedicated and focused on delivering successful end results. A wealth of technical knowledge combined with a consultative approach to business ensures the delivery of optimal solutions to meet the needs of the simplest to the most challenging of requirements.

ELUXI – Narrow Line Distribution

In addition and somewhat uniquely, ELUXI maximises the value that it brings to both its customers and suppliers alike, by working exclusively, transparently and in close partnership with only a select number of suppliers. In this way ELUXI realises its philosophy of providing the best possible support.

In fact, we believe that a narrow line distribution approach is the only real way to ensure an in-depth understanding of suppliers' products, technologies and capabilities on the one hand along with being able to understand and communicate customers' needs effectively on the other hand. Whether a customer or a supplier, allow ELUXI to provide you with the value-added service you deserve!

ELUXI – Coverage

ELUXI covers the home nations of the UK along with Ireland.



ELUXI Ltd

Advanced Technology Innovation Centre
Loughborough University Science & Enterprise Park
5 Oakwood Drive
Loughborough
Leicestershire
LE11 3QF
United Kingdom

T: +44 (0)1509 635705
E: enquiries@eluxi.co.uk
W: www.eluxi.co.uk

Experts in Enabling Photonics Solutions

Innolume
Offer unique diode lasers and broadband light sources covering a unique wavelength range of 950nm to 1320nm, based on its proprietary Quantum Dot technology. High power laser bars as well as single emitters chips and fibre coupled modules are all available.

Integrated Optics
Producer of the MatchBox 2, the smallest DPSS & diode laser platform available today. The lasers include smart power electronics located within the laser head enclosures themselves. Wavelengths are in the 405-1342nm range and configurations include SLM versions & fibre coupled outputs. These lasers offer the highest power densities and best in class price/performance.

OEwaves
The leader in innovative Microwave photonic product and solutions. It develops and offers state-of-the-art technologies and products in support of radar, communications and test & measurement systems for military and commercial markets. Specialised products include ultra-narrow line width, low phase noise lasers and phase noise measurement systems.

ARGES
Develop and manufacture innovative laser scanning systems for the deflection and positioning of laser beams in demanding applications in the laser components market. In addition ARGES also develop tailored customer- and application-specific solutions, and implement complete laser subsystems for integration into laser processing facilities.

Iradion Lasers
Specialise in the design and manufacture of patented ceramic core, sealed RF excited CO₂ lasers in the power range of 20W to 500W. This leading edge technology has its root in lasers designed for demanding military and aerospace applications and is now available for the industrial market.

High Power Quantum Dot Lasers
innolume

Narrow Line-width Lasers
OEwaves
Phase Measurement Systems

Laser Scanning Components and Systems
ARGES

CO₂ Lasers
IRADION
Ceramic Core CO₂ Lasers

Lasers & Broadband Sources

Instrumentation

Short Pulse Generators
LaseGen
Gain Switched Lasers

LaseGen
Founded in 2014, LaseGen develops and manufactures state-of-the-art short-pulse generators, gain-switched semiconductor lasers, optical amplifiers and tuneable optical filters for the research and industrial sectors.

MPB Communications
Design and manufacture high-performance fibre based photonic products for industrial, research, military and telecommunications applications. Products include Raman fibre lasers and amplifiers and broadband sources, visible fibre lasers and passively mode-locked lasers.

Fibre Amplifiers
MPB
Fibre Lasers
MPB Communications Inc.

Amplifiers

Detectors Sensors & Imagers

Polarisation Control & Management
Making Light Work Lighter
General Photonics

General Photonics
Provide high-performance solutions for polarisation measurement / management and timing control. Products include polarization controllers, scramblers, synthesizers, stabilizers and analysis instruments, PMD source, emulation / compensation products, digital DGD generators, optical delay lines and other special products.

Nuphoton Technologies
A pioneer in the field of fibre lasers and fibre amplifiers. Using proprietary, leading edge technologies the company offers high performance fibre lasers, EDFAs as well as broadband ASE and Supercontinuum sources.

Fibre Amplifiers & Fibre Lasers
NUPHOTON
TECHNOLOGIES

Silicon and InGaAs Detectors
OSI Optoelectronics
An OSI Systems Company

OSI Optoelectronics
With more than 30 years of combined experience in the field of opto-electronics and two world-class manufacturing facilities are one of the largest manufacturers of standard and custom photodiodes and optical sensors in the USA. Delivering an extensive set of engineering design support and manufacturing capabilities.

Advanced Fiber Resources
Along with its standard range of passive fibre optic components, such as circulators, isolators, Faraday mirrors, fused WDM's etc., AFR specialises in high power and polarisation maintaining fibre optic components. Available at standard and custom wavelengths including 2µm solutions.

Passive High Power
AFR
Fibre Optic Components

Optical Fibre Assemblies & Components

Optical Assemblies

Lasers, Detectors, Transmitters & Receivers
OSI LaserDiode, Inc.
An OSI Systems Company

OSI LaserDiode Inc.
Manufacture opto-electronic products for telecommunications, data communications, industrial, medical and military applications. Products include high-power pulsed and CW lasers, data links, PIN diodes, communication laser diodes, ELEDs, OTD Lasers, receiver and Transmitter modules.

DIAMOND
Are the world's leading manufacturer of high-precision fibre optic active and passive interconnected solutions including a full range of connectors, adapters and accessories for use by carriers, medicine, aviation and specialist industry.

Fibre Optic
DIAMOND
Inter-connects
the fibre meeting

Optical Components
sill
OPTICS
Optical Assemblies

WL Photonics
Provide manual and electrically tuneable fibre pigtailed filters over 1000 to 1700nm spectral band with up to 200nm single tuning range using a unique athermal Crystal-Bench platform offering world beating performance in wavelength tuning and conditioning.

Tuneable Filters
WL PHOTONICS INC.

Aspheric Optical Components
rpo
Optical Assemblies
Rochester Precision Optics

Rochester Precision Optics
The leading optics manufacturer providing components and full optical systems to both defence and commercial markets. Based in Rochester, New York, RPO has over 112,000 sq. ft. of modern optical manufacturing and specializes in its aspheric optics capabilities to provide lightweight and affordable optical sub-systems.

Sill Optics
Are specialist designers and manufacturers of opto-mechanical subsystems, multi-element objectives, large illumination optics and precision optical components for industrial, medical, quality control and research applications. Products include: reprojective scan optics, comparator projection lenses and medical laser optics.