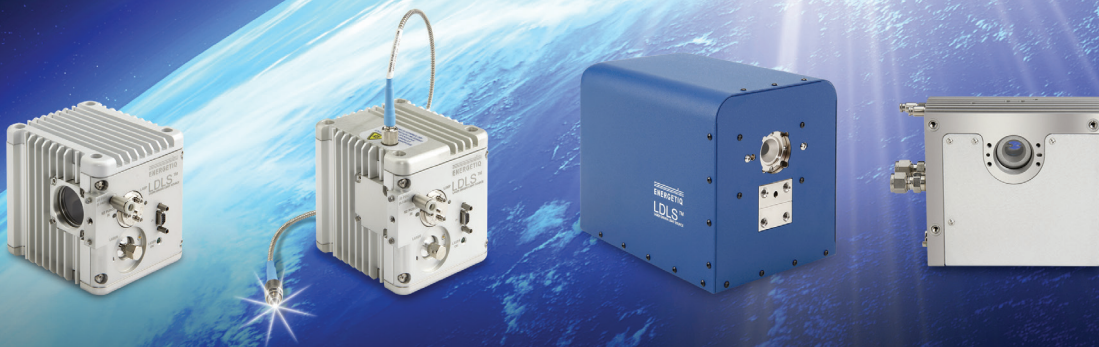


LDLS™

Selection Guide



Model	EQ-99X	EQ-99XFC	EQ-1500	EQ-400
General Characteristics	Compact, High-Brightness Source with window output for free-space optics coupling to application	Compact, High-Brightness Source with fiber optic coupled output	Highest Brightness, High Power Source with window output for free-space optics coupling to application	Highest Brightness, High Power Source with dual window output for free-space optics coupling to application.
Typical Broadband Optical Power	~0.5W	~80mW (from 230μm diameter fiber, 0.22NA)	~1.5W	~15W
Typical Spectral Radiance/Brightness <i>(Depending on Wavelength)</i>	~10 mW/mm ² .sr.nm	~60 μW/nm (from 230μm diameter fiber, 0.22NA)	~30 mW/mm ² .sr.nm	~100mW/mm ² .sr.nm
Optical Interface	Point source with 0.47N diverging beam for collection by free-space optic. (SM1 thread)	Standard FC connector for connection to fibers up to 1mm diameter	Point source with 0.5NA diverging beam for collection by free-space optics	Point source with 0.5NA diverging beam from front and back windows. Optional retro-reflector.
Cooling System	Air-cooled	Air-cooled	Water-cooled. Requires chiller (available from Energetiq).	Water-cooled. Requires chiller (available from Energetiq).
Common Features	Broadband spectrum, 170nm–2100nm; (190nm–2100nm for EQ-99XFC) Long-life bulb			
Applications	UV-Vis Spectroscopy Optics Testing Analytical instrumentation Monochromater Source	UV-Vis Spectroscopy Fiber Optic Testing Thin-film measurement Turn-key systems	Monochromater Source PEEM/LEEM UV-Vis Spectroscopy Materials Characterization	Semiconductor Metrology Materials Characterization Advanced Imaging Thin-film measurement

Note: Performance measures mentioned in this Selection Guide are typical values for guidance in the selection and use of LDLS products. They are not to be taken as specifications. **Please contact Energetiq for further details: info@energetiq.com**



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Specifications are subject to change without notice.
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Te Lintelo Systems

Photonics is our passion!

Since 1985 Te Lintelo Systems represent prominent suppliers from all over the world for the Benelux countries with well-educated engineers, experience and knowledge.

Over the years we became the specialist in the field of Light metrology, opto-electronic equipment, Laser beam characterization and positioning, Optics, fiber optics and lasers.

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