

Energetiq EQ-99X-QZ-S | Free Space Laser-Driven Light Source



Energetiq Free Space Laser-Driven Light Source (LDLS™)



Stock #22-763 **1 In Stock**

⊖ 1 ⊕ C\$30,310⁰⁰

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Volume Pricing

Qty 1+	C\$30,310.00 each
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General

EQ-99X-QZ-S	Model Number:
>10,000	Lamp Lifetime (hours):

Physical & Mechanical Properties

84 x 78 x 87 (lamphead)	Dimensions (mm):
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Optical Properties

0.47 **Numerical Aperture NA:**

170 - 2500 **Wavelength Range (nm):**

100 x 180 (average) **Plasma Size, FWHM (μm):**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Ultra-High Brightness and High Stability Light Source
- Broadband 170 - 2500nm Monochromatic Output
- Long Bulb Lifetime of >10,000 Hours
- **Fiber Coupled LDLS™** Also Available

The Energetiq Free Space Laser-Driven Light Source (LDLS™) delivers high brightness monochromatic light with a spectral range of 170 - 2500nm. The LDLS covers the spectral range of common lamps used in spectroscopy applications, including deuterium, tungsten, and xenon arc, while providing higher brightness and longer lifetime. SM1 threading on the output port provides an easy way to integrate optics utilizing our [SM Tube System](#) to collimate or attenuate the light output as needed. The Energetiq Free Space Laser-Driven Light Source is used in thin-film measurements, gas phase measurements, straylight analysis, materials characterization, UV-NIR spectroscopy, life science imaging, or any application requiring a high brightness light source.

Note: Nitrogen purge is optional but recommended for best performance, especially for applications operating in the UV.

Technical Information

