

High Throughput Light Sources for Semiconductor Metrology

Energetiq light sources improve semiconductor and thin film manufacturing processes, enabling the next generation of devices.

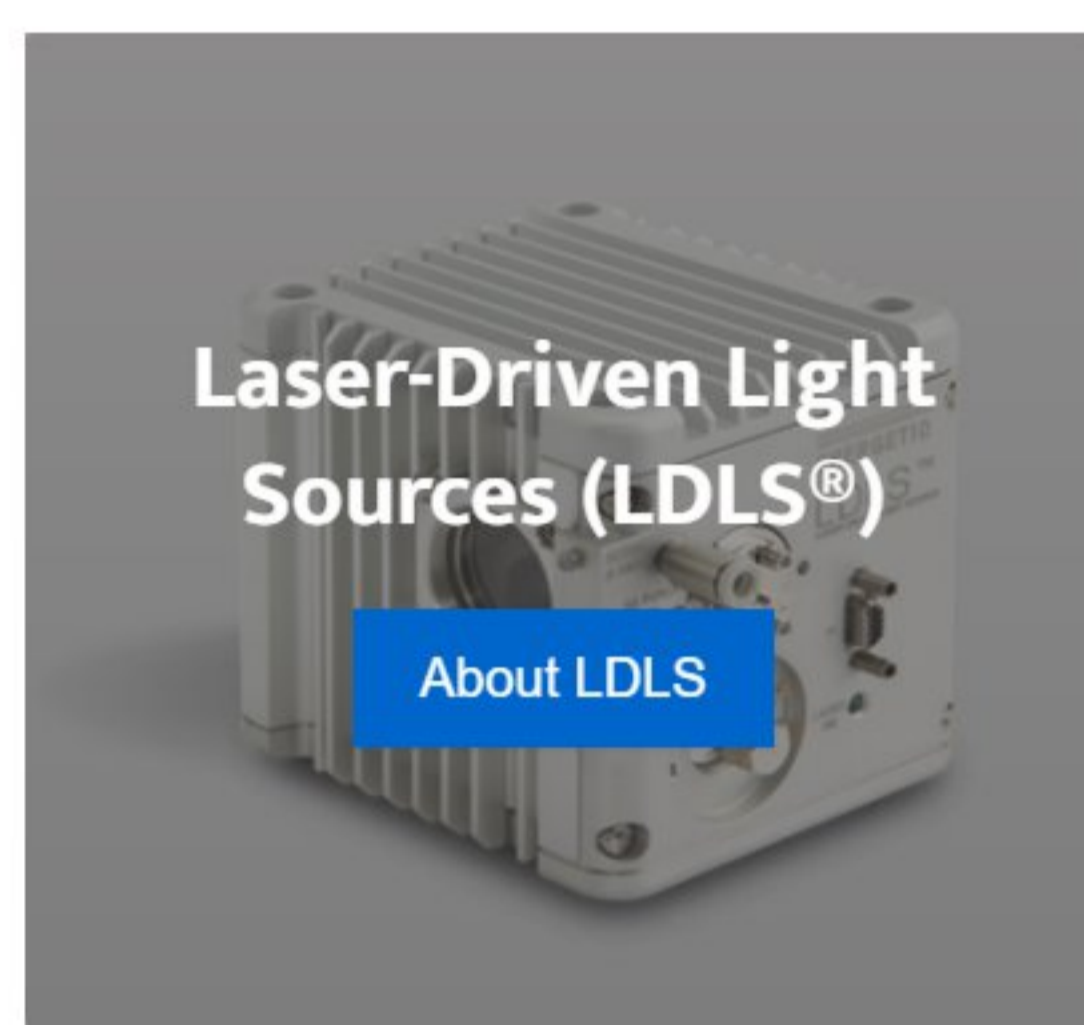
Scale Up & Meet Demand

Chromatiq Spectral Engine is now available with extended NIR wavelength range!

Meet the new CSE-NIR and explore how it can enable more discovery for your team.

[More about CSE-NIR](#)

Advanced Illumination Solutions



Patented Ultra-Bright Laser-Driven Light Source and EUV Technologies

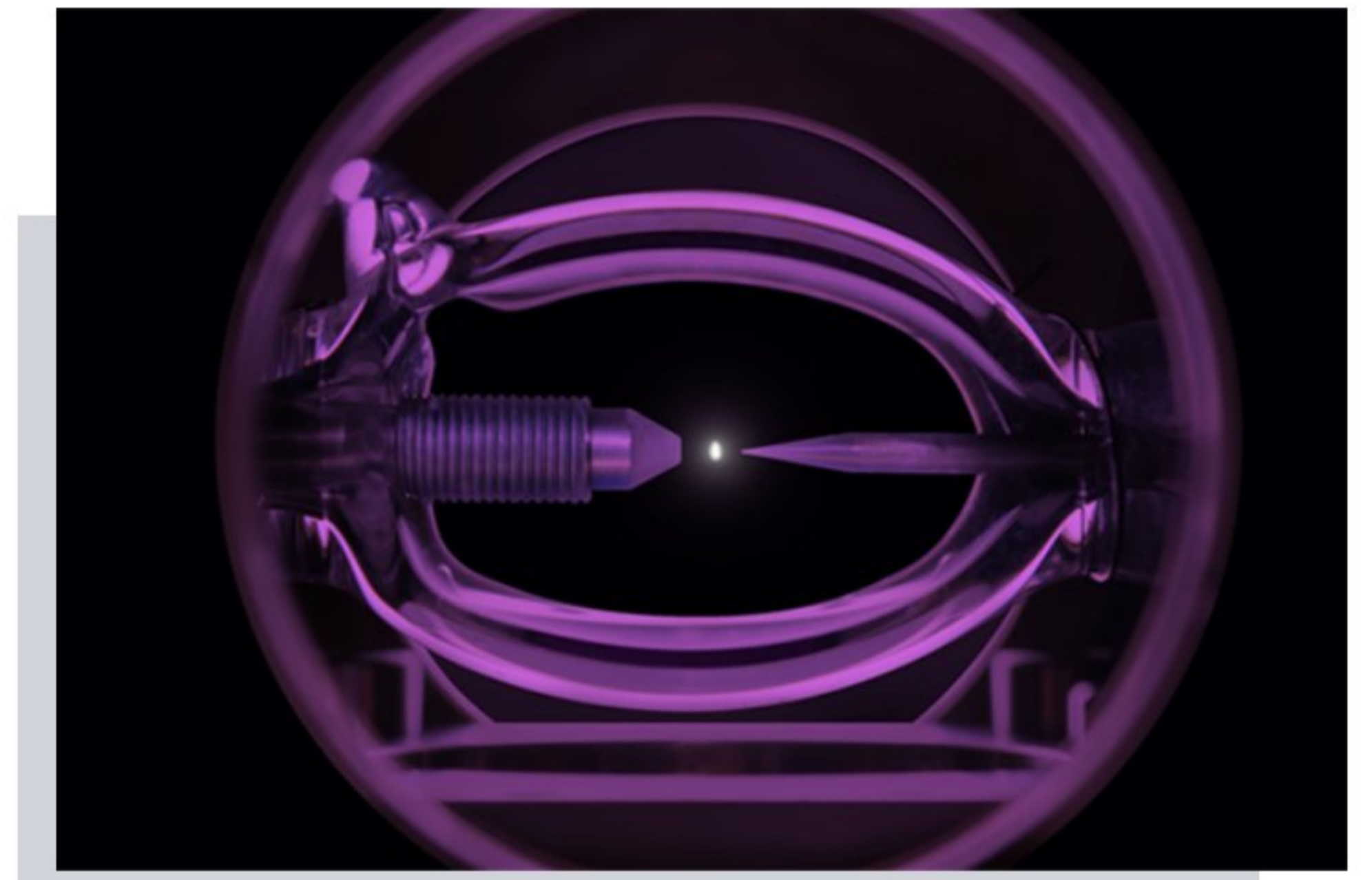
At Energetiq, we live in the extreme. As innovators of ultra-bright light sources, we close the gap between leading edge research and commercialized technologies.

Our engineer-to-engineer relationships, backed by Hamamatsu's global sales and service, solve demanding performance challenges in semiconductor manufacturing, sensor testing, research and materials characterization for life sciences, food safety, and gas analysis.

Your exacting system demands are our top priority.

We thrive in working together through the challenges of high brightness, high throughput, and reliable performance in complex imaging systems. Look to Energetiq for the performance, technical maturity, and reliability to meet your high throughput demands.

[Partner with Us](#)



Pushing the Boundaries of Optical Performance

Experts in extremely bright light sources

Covering the range from soft x-ray to infrared, our light products generate high brightness across a broad spectral range.

[See Our Technologies >](#)

Advancing scientific development

Our engineered solutions illuminate nanoscale architectures with extreme specificity and granularity across the spectrum.

[Explore Our Innovations >](#)

Customized solutions for OEM

From concept to delivery, we work closely with you to develop the exact light source that meets your system's specifications.

[Partner with an Expert >](#)

HAMAMATSU
PHOTON IS OUR BUSINESS

Our parent company, Hamamatsu, provides local sales, service, and support to our global customers. Their worldwide presence helps ensure responsive and expert support for the selection, integration, and service of Energetiq light sources. [Visit Hamamatsu](#) or [find your local rep.](#)

Products

- CSE
- LDLS®
- LDTLS®
- EUV

Resources

- Technical Resources
- LDLS® Selection Guide
- EUV Selection Guide
- LDTLS® Selection Guide
- LDLS® FAQs
- LDTLS® FAQs
- CSE FAQs

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