

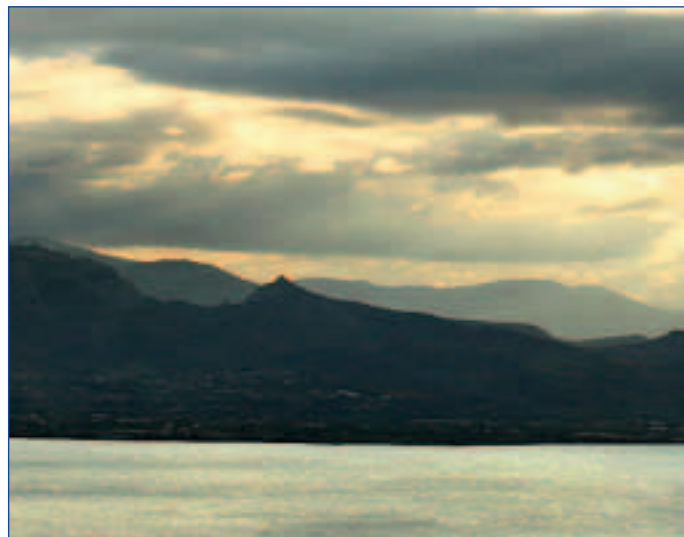
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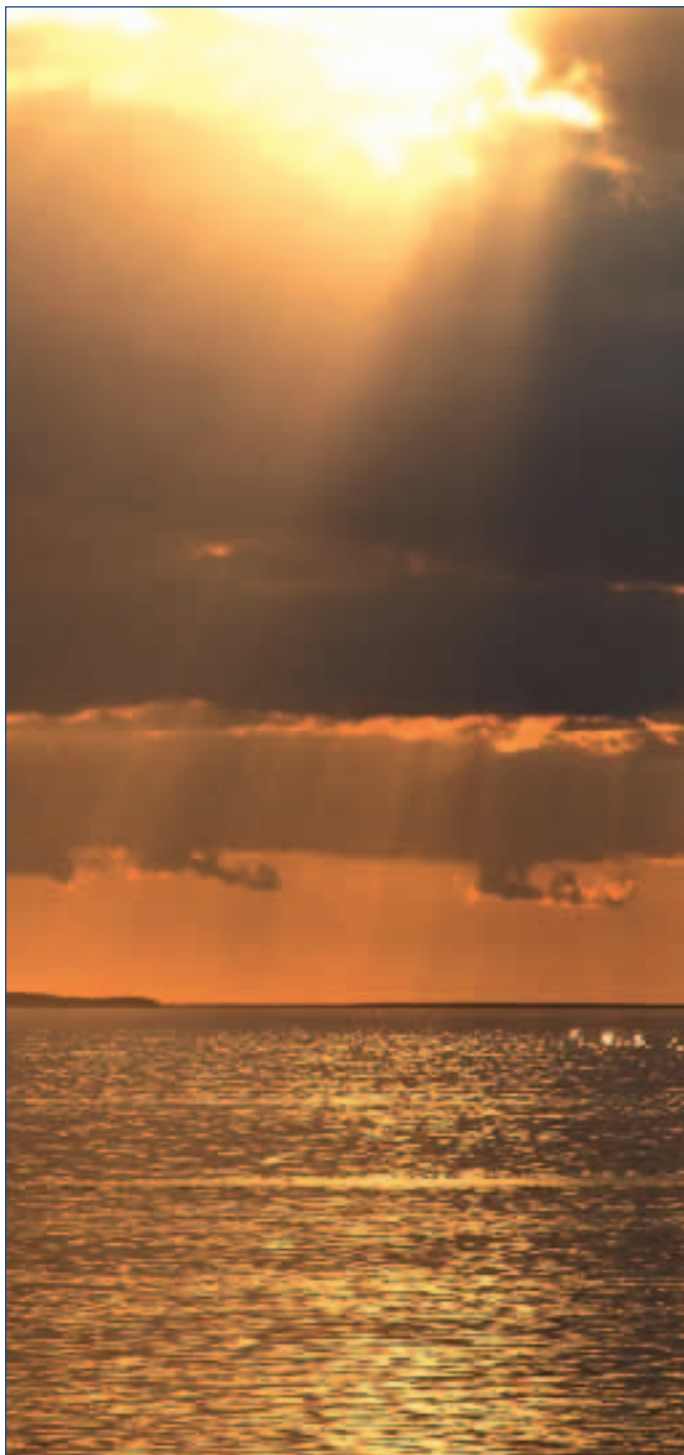
## Who we are

SLS Optics specialises in high precision Fabry-Perot etalons and thin-film coatings for the main laser wavelengths from deep ultraviolet to near infrared. We supply quality optical components to large multi-national and small corporate clients as well as to leading research institutions and universities worldwide.

As a privately owned and independent manufacturing company, we can respond quickly to the needs of our customers.

SLS Optics was established on the Isle of Man in 1995.





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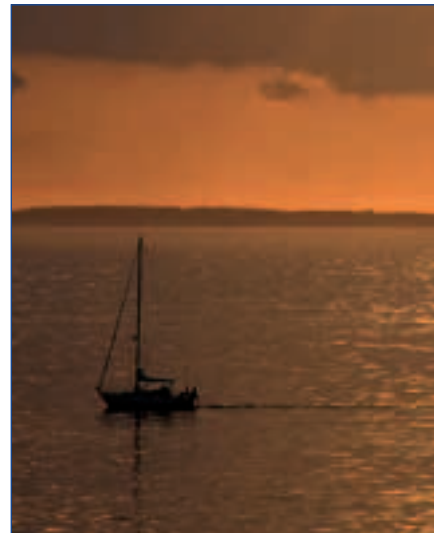
## What we do

SLS Optics designs, manufactures and tests optical components for a worldwide customer base. Our core expertise includes:

- Solid Fabry-Perot etalons: 20 $\mu$ m to 70mm thick
- Air-spaced Fabry-Perot etalons:  $\lambda/200$  matched plate flatness
- Leading-edge-technology interferometry
- Low loss 193nm coatings
- High LDT YAG laser coatings: >20J cm<sup>-2</sup> for 3ns pulses
- OEM laser optics: dielectric and protected metal coatings
- Optics, coatings, engineering: all in-house

SLS works closely with customers to develop highly specialised optical components, which can be supplied in large or small quantities.

We will also deposit coatings onto your own substrates, if you prefer.





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## Flexibility is the key

SLS Optics is able to respond quickly and effectively to customers' needs. Our independence allows us to allocate resources to your project with minimum delay and formality.

Such flexibility demands that our technical staff are supported with the best tools for the job:

- Continuous polishers - 700mm to 1200mm diameter producing flat substrates up to 250mm diameter
- Latest cutting and edging equipment
- State-of-the art interferometry with high resolution imaging
- Four vacuum deposition systems producing evaporated dielectric and metal coatings on substrates up to 400mm diameter
- Ion Assisted Deposition coatings for increased thermal stability
- Ultrasonic batch cleaning for volume production
- UV to IR spectrometer
- Fully equipped engineering workshop

We are able to help develop solutions for many demanding applications.





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## Quality is fundamental

SLS Optics operates under the ISO 9001:2000 quality management system. We operate a policy of continuous improvement and regular independent quality audits examine all aspects of our business.





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## What we can do for you

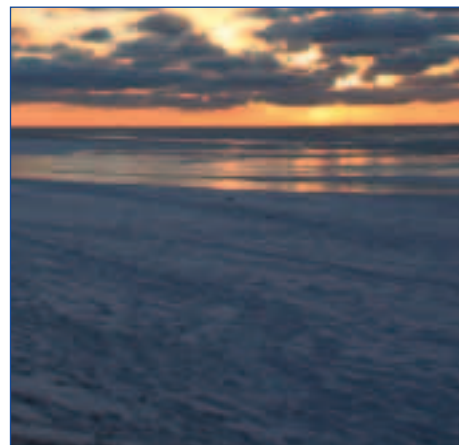
SLS Optics is an integrated manufacturer of custom and OEM components for the ultraviolet, visible and near infrared regions of the spectrum.

We can assist in fields such as:

- high performance deep ultraviolet Fabry-Perot etalons
- exceptionally flat uncoated and coated optical surfaces
- High Energy Laser Optics
- OEM components, with call-off schedules as required
- Rapid turn-around time for coating customer supplied substrates
- QC metrology documentation

Our engineers and sales staff work closely with customers to develop highly specialised optical components, which can be supplied in large or small quantities.

SLS maintains complete in-house control over critical steps in the manufacturing processes. Only this way can we be sure that customers' specifications are achieved.



Please discuss your specific requirements with our experienced sales staff.

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## Contact Details

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