

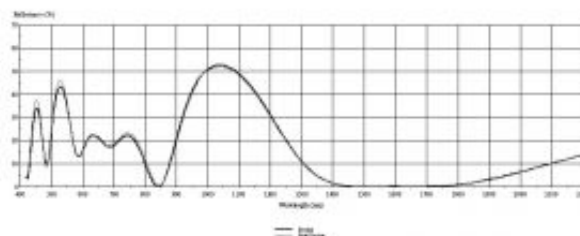
Helia Photonics: the ultimate innovators in thin film optical coatings

Coating Design & Analysis

Helia knows that the key to the success of any process is the planning phase, so it is important to take a customer's immediate requirements into account, as well as longer term needs. This will include choice of material, material sustainability, real-time data access, storage, handling, environmental exposure, tooling, packaging partners, substrate partners and any third party process steps such as off-site testing.

When we receive your substrate, we may perform a detailed visual inspection. At Helia Photonics, specialist personnel use state-of-the-art microscope equipment to examine incoming material. This process is highly adaptable and we work closely with our customers to establish individualised inspection protocols that seamlessly tie in with their production flow. Further, inspection data can immediately be made available via secure online access, allowing for instantaneous yield analysis. Additionally, digital imaging data can be made available, allowing for comprehensive documentation of every production step.

After optical thin film deposition, we undertake post processing analysis of spectrophotometric data to ensure that the required film has been deposited. At Helia we have optical analysis hardware and software coupled with extensive engineering knowledge and experience to ensure that the thin film is as desired. Further to this we also carry out final visual inspection. Different types and areas of components (e.g. laser facets, contact points, etc.) can be inspected both before and after any process as desired by the customer.



To contact Helia Photonics please call +44 (0)1506 414800 or email us via our contact form

[Contact Form](#)