

December 2021



LBP Optics

Metal mirrors for industrial and scientific applications

Newsletter

LBP Optics continues to grow

Despite the turbulence caused by the Covid-19 pandemic, LBP Optics has grown by over 20% this year.

We've welcomed 4 new members of staff to the team, and we are currently preparing our Stevenage site for the arrival of 2 additional diamond turning machines.

Our Micro-LAM Optimus T+2 laser assisted machining tool has also added to our capabilities, enabling us to diamond machine crystals and materials such as ZnSe, ZnS, Ge, CaF2, BaF2, Si and other glasses.



Investing in Metrology

We have invested in a state-of-the-art Form Talysurf PGI Optics measurement device. This means that we are now able to measure all aspheric surfaces, including cylindrical and torics.



James Webb telescope – mirrors in space

Several years ago, LBP Optics (then Symons Mirror Technology) manufactured some mirrors for an integral field spectrograph which mounts onto the ESO Very Large Telescope (VLT).

The instrument contains 24 articulated pick-off arms capable of operating at cryogenic temperatures. Each arm contains three diamond-machined aluminium mirrors which pick-off light from the instrument focal plane and relay it to the cold stop placed at the arm's rotation axis.

Exciting times ahead as the telescope is launched after over 20 years in development, and some of our diamond turned components are sent in to orbit!

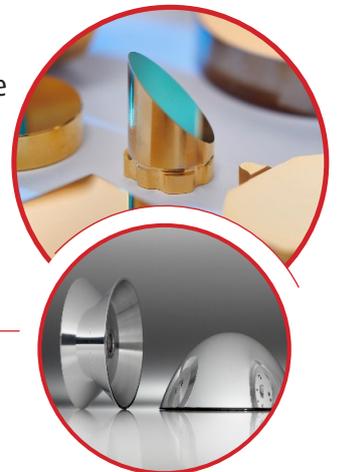
Trade shows are back in 2022 ...

We are very pleased to be exhibiting once again at both Photonics West in San Francisco in January 2022, and at Laser World of Photonics in Munich in April 2022.

We will be showcasing our unique range of reflective metal laser optics, and our expertise in diamond machining highly complex and demanding optical components.

SPIE PHOTONICS WEST

Come and see us at Photonics West, San Francisco, Booth #5019



Prices

This year has seen an unprecedented rise in the price of many raw materials, including Aluminium and Copper. This has unfortunately meant that some of our prices have had to increase accordingly.



Please check prices with us before placing repeat orders in case things have changed.

A huge thank you from us all at LBP Optics!

We'd like to take this opportunity to thank all our customers for your continued support during this very difficult year, and all our staff and suppliers for their continued hard work and dedication.

Please note we will be closed from 24th December 2021 and open again Tuesday 4th January 2022.

We wish you all the very best for a happy and peaceful new year.

