

PRESS RELEASE

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Up to two meter long cylinder lenses and mirrors for high-tech lasers – the Berliner Glas Group extends its manufacturing expertise

The Berliner Glas Group has extended its manufacturing expertise. The company now offers cylinder lenses and mirrors in lengths up to 2,000 mm with the highest surface qualities. The complete optical manufacturing chain has once again been improved for this purpose.

Additional large polishing machines have been added to the cylinder optics production of Berliner Glas. These machines have been specially developed in cooperation with the supplier for the specific requirements. Furthermore, a new corrective procedure has been implemented and metrological capturing has been optimized at the same time. The whole production process is completed with the greatest care and in consideration of the highest requirements on cleanliness.

The innovative cylinder lenses and mirrors are used to expand and homogenize laser beams, for example in laser annealing and laser lift-off processes to produce AMOLED displays for smartphones, tablets and TVs.

But the Berliner Glas Group's portfolio does not just cover the development and production of these key components. The services are rounded off by coating the optics as well as the assembly in frames for low-stress mounting of the optics.

Further information is available from the Berliner Glas website (www.berlinerglas.com) or from us in person at the Laser World of Photonics at our booth 405 in hall B1. The Laser World of Photonics will take place from 22 to 25 June 2015 in Munich, Germany.

About Berliner Glas:

The BERLINER GLAS GROUP (www.berlinerglas.com) is one of the world's leading providers of optical key components, assemblies and systems as well as high-quality refined technical glass. With more than 1,100 employees, BERLINER GLAS develops, produces and integrates optics, mechanics and electronics into innovative system solutions for its customers. As OEM partners from concept to series production, the BERLINER GLAS GROUP companies serve innovative customers in various market segments - semiconductor industry, medical technology, metrology, laser and space technology, analytics, defense and the display industry.

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