

Broadband Diffuser

Custom High-Performance Diffractive Scattering Optics

Thanks to an innovative production process, LASER COMPONENTS can now offer custom high-performance broadband diffusers manufactured by our supplier Holo/OR at a low price. These scatter filters cover a wavelength range from UV to NIR and are specifically designed for high-power laser applications that use multiple wavelengths in the same optical path. The light is uniformly distributed at an efficiency of over 90% and does not create a zero-diffraction order. The diffusers can be used like ordinary diffractive optical elements (DOEs) and are available in round, rectangular, and linear spot shapes.

Typical applications include aesthetic medicine, which requires just a few wavelengths for various procedures, microscopy with broadband sources, and scientific applications.

More Information

www.lasercomponents.com/us/product/diffractive-optical-elements-for-beam-shaping/

Trade Shows

SPIE Photonics West, February 05 – 07, 2019, San Francisco, USA, **Booth 1751**
ATX West Automation, February 05 – 07, 2019, Anaheim, CA, USA, **Booth 4166**
BREKO, March 27 – 28, 2019, Wiesbaden, Germany
Automate, April 08 – 11, 2019, Chicago, IL, USA, **Booth 8536**
SPIE DCS, April 16 – 18, 2019, Baltimore, MD, USA, **Booth 524**
ANGACOM, June 04 – 06, 2019, Cologne, Germany
Sensors Expo & Conference, June 25 – 27, 2019, San Jose, CA, USA, **Booth 419**
LASER World of PHOTONICS, June 24 – 27, 2019, Munich, Germany
SPIE Optics+Photonics, August 13 – 15, 2019, San Diego, CA, USA, **Booth 425**

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 220 employees worldwide.