



Global POWERPLAY in OPTICAL COATINGS and SOLUTIONS



Upcoming Events

BiOS & Photonics West, San Francisco, January 28 - February 02, 2023

We have the pleasure of welcoming you at the SPIE trade fair in San Francisco at booth #8003 (BiOS) and booth #3003 (Photonics West). Discover unique solutions and the wide variety of applications for optical coatings and components. We are looking forward to welcoming you as our guest. [Learn more](#)



[More Events](#)

Updated market segment brochure "Life Science" - available now

Materion Balzers Optics brings life to science as our optical components precisely manage light to enable life science, fluorescence, and medical instrument applications. Our products enable the most cutting-edge procedures and bring medical breakthroughs to reality. To see how our applications change lives, learn more here. [Learn more](#)



Life Science
Optical Solutions for Diagnostic, Analytical and Medical instrument applications



Updated market segment brochure "Industry" - available now

Our coated optical components enable photonics to work for industrial automation, analytical and measurement instruments, and countless other applications. These applications include, but are not limited to, sensing technology, cameras, and UV applications. See how our innovative products change perspectives and the world of manufacturing here. [Learn more](#)



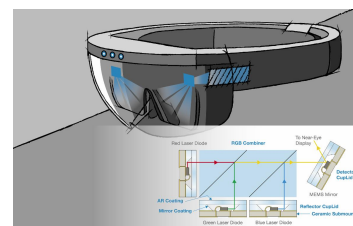
Industry
Advanced Optical Solutions for Industry



New Datasheet

RGB Combiner for Laser Beam Scanning Displays

Laser Beam Scanning displays are gaining momentum for use in Augmented Reality Smart Glasses. LBS displays use a compact MEMS-based projector and produce a bright image with rich colors by scanning a laser beams emitted from compact laser diodes for red, green and blue colors. Materion Optics Balzers offers small size and weight RGB laser combiner assemblies with excellent optical characteristics and highly accurate mechanical tolerances for minimal pointing error of the output laser beam.



[Datasheet \(PDF\)](#)

[More Datasheets](#)

