



## Press Release

### **ZEISS UVClean Earns Two Red Dot Awards and is Recognized for Excellence in Industrial Design and Innovative Product**

**Prestigious awards recognize the right technology, designed at the right time to support safety, hygiene and productivity at vision care facilities**

SAN DIEGO/CA/United States, 22/April/2021

ZEISS Vision Care US announced that the ZEISS UVClean technology, an optometry-specific UV-C disinfecting device designed primarily for eyecare professionals, has earned two coveted [Red Dot Awards](#): one for Industrial Design and the second for Innovative Product.

The Red Dot Award is recognized as one of the most prestigious international awards for design work. Each year, the Red Dot jury reviews thousands of entries. Winning products are presented in an annual ceremony and exhibited in the Red Dot Design Museums in Essen, Germany, Singapore, and the Red Dot Design Yearbook.

“Design was a primary consideration for the UVClean,” said Jens Boy, president of ZEISS Vision Care North America. “Eyecare professionals required an efficient, affordable, and space-saving device to meet the demands of the COVID-19 pandemic. These awards applaud our design and production teams, who balanced expediency with function to carry a beautiful device to market.” Designed with aesthetics in mind, the ZEISS UVClean deploys four germicidal UVC bulbs to bathe each pair of eyeglasses in powerful UV light. The unit can disinfect 6-10 frames in 40 seconds and kills up to 99.5% of common viruses and bacteria on the surface of eyeglasses.<sup>1</sup> The product was designed to enable eye care practices to spend less time and resources cleaning and more time engaging with their patients.

The design and manufacture of UVClean was in response to the poor selection of disinfectant choices faced by eyecare professionals. Standard “soap and water” cleaning is slow and labor-intensive, and frames may not be sufficiently dry for patients’ immediate use. Alcohol-based solutions or hydrogen peroxide can potentially damage frames over time and come with a distinctive and unpleasant smell. Meanwhile, most re-purposed industrial and consumer UV-C boxes are costly, bulky, or would never fit in a dispensing area.

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<sup>1</sup> Independent laboratory tests show effectiveness of 99.995% against adenovirus, 99.68% against influenza viruses, 99.47% against Escherichia coli, and 99.74% against staphylococcus aureus.



Earlier in 2021, UVClean was honored with a coveted [CES 2021 Innovation Award](#). The award recognized outstanding design and engineering in consumer technology products across 28 product categories.

ZEISS partnered with Voxelight LLC and Trig to develop the ZEISS UVClean. As experts in UV radiation, Voxelight contributed valuable insight into the design by harnessing the power of UV-C and safety requirements. Trig provided industrial design and development services, including product rendering and video animation. This is the second award-winning collaboration between ZEISS, Voxelight, and Trig, who previously won awards for the ZEISS C-UVProtect tablet in 2019.

**Press contact**

Carl Zeiss Vision Inc.  
Robert Spirito  
Phone: +1 8587907700  
E-Mail: [robert.spirito@zeiss.com](mailto:robert.spirito@zeiss.com)

[www.zeiss.com/newsroom](http://www.zeiss.com/newsroom)

**About ZEISS**

ZEISS is an internationally leading technology enterprise operating in the fields of optics and optoelectronics. In the previous fiscal year, the ZEISS Group generated annual revenue totaling 6.3 billion euros in its four segments Semiconductor Manufacturing Technology, Industrial Quality & Research, Medical Technology and Consumer Markets (status: 30 September 2020).

For its customers, ZEISS develops, produces and distributes highly innovative solutions for industrial metrology and quality assurance, microscopy solutions for the life sciences and materials research, and medical technology solutions for diagnostics and treatment in ophthalmology and microsurgery. The name ZEISS is also synonymous with the world's leading lithography optics, which are used by the chip industry to manufacture semiconductor components. There is global demand for trendsetting ZEISS brand products such as eyeglass lenses, camera lenses and binoculars.

With a portfolio aligned with future growth areas like digitalization, healthcare and Smart Production and a strong brand, ZEISS is shaping the future of technology and constantly advancing the world of optics and related fields with its solutions. The company's significant, sustainable investments in research and development lay the foundation for the success and continued expansion of ZEISS' technology and market leadership. ZEISS invests 13 percent of its revenue in research and development – this high level of expenditure has a long tradition at ZEISS and is also an investment in the future.

With over 32,000 employees, ZEISS is active globally in almost 50 countries with around 30 production sites, 60 sales and service companies and 27 research and development facilities. Founded in 1846 in Jena, the company is headquartered in Oberkochen, Germany. The Carl Zeiss Foundation, one of the largest foundations in Germany committed to the promotion of science, is the sole owner of the holding company, Carl Zeiss AG. Further information at [www.zeiss.com](http://www.zeiss.com)

**ZEISS Vision Care**

ZEISS Vision Care is one of the world's leading manufacturers of eyeglass lenses and ophthalmic instruments. The unit is allocated to the Consumer Markets segment and develops and produces offerings for the entire eyeglass value chain that are distributed globally under the ZEISS brand.

**About Voxelight**

Founded by CEO David Cohen and Jon Meyer, who have a combined forty years of management, design, and product development experience, Voxelight's mission is to create innovative, technology-based products that deploy underexplored properties of light to create meaningful products for consumers and business. Voxelight is based in Raleigh, North Carolina. For more information, visit <http://www.voxelight.com>.

**About Trig**

Now in its fourteenth year, Trig is a full-service industrial design firm serving the consumer, healthcare, and durable goods markets. Trig's comprehensive innovation process includes insights & ideation, product design & development, and brand asset management for start-ups, mid-sized, and Fortune 500 companies across the United States. Based in Chapel Hill, the Trig product design consulting team can be found in Charlotte, Raleigh, Knoxville, Los Angeles, and Richmond.

**About Red Dot Awards**

The Red Dot Award is one of the most internationally sought-after seals of quality for outstanding design. The Red Dot Award is a German international design prize that is awarded annually in three different categories: product design, brands and communication, and design concept. Designers have been applying for the award since 1955, with winners receiving awards in annual ceremonies. Red Dot award recipients have their work featured in the Red Dot Design Museum in the historic Zollverein Coal Mine Industrial Complex in Essen, Germany.