

NEWS RELEASE

Alluxa, Inc.

3660 N. Laughlin Road
Santa Rosa, CA 95403
Contact: Peter Egerton, CCO
Toll-Free Phone: +1 855-425-5892
E-mail: info@alluxa.com
Web Site: www.alluxa.com

Media Contact: Marlene Moore

Smith Miller Moore
Phone: 818-708-1704
www.smithmillermoore.com
info@smithmillermoore.com

For Immediate Release

Alluxa's New Catalog of Products with Extended Spectral Performance from UV to IR

Santa Rosa, Calif. – April 6, 2022 – Alluxa, Inc., a global leader in high-performance optical coatings and filters and thin-film deposition technologies, announces the expansion of the online product catalog featuring hard-coated specialty filters with extended wavelength ranges from the ultraviolet (UV) to infrared (IR). Alluxa will be showcasing the new catalog optical filters during SPIE Defense + Commercial Sensing at Gaylord Palms Resort & Convention Center, Orlando, FL, April 5 - 7, 2022, in booth #1525.

The new extended spectral performance from the 200 nm to 14 μm range is offered on a variety of Alluxa's optical filters, including the largest selection of [ultra-narrowband filters](#) currently available. A sampling of new products with the extended spectral range that can be ordered from the [online](#) catalog are the [224 OD5 Ultra Steep Longpass Filter](#), the [10600 OD6 Notch Filter](#), the [10600-100 OD2 Narrowband](#), and the [224-3 OD4 Narrowband Filter](#). The UV to Mid-IR coatings can also be deposited on varied substrate sizes and shapes, and even on large format parts. Alluxa's specialty filters noted above can also be ordered in custom sizing, if required.



The extended spectral wavelengths are enabled by the company's recently introduced, innovative SIRRUS™ proprietary plasma physical vapor deposition (PVD) platform. The breakthrough deposition process enables full coverage from the UV to IR spectrum with the highest transmission, steepest edges, and deepest blocking available, while maintaining excellent uniformity, precise wavelength control, and high performance.

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Peter Egerton, Alluxa's CCO, notes, "We are excited to announce our new optical filter catalog with the extended UV to IR filters. These bandpass, dichroic, notch, and longwave pass optical filters deliver superior performance and exceptional durability when compared to traditional filters in these spectral ranges, allowing us to offer advanced UV-IR spectral-management solutions to our customers."

ABOUT THE COMPANY:

Alluxa (www.alluxa.com – Santa Rosa, CA) designs and manufactures next generation, hard-coated optical filters using a proprietary plasma deposition process. The company's unique, purpose-built deposition platform and control systems were designed, developed, and built by our team to address the demanding requirements of the next generation of systems and instruments. Our objectives are to increase production capability and continue to provide > 99% on-time delivery while creating the world's most challenging filters at breakthrough price points.