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## Coburn Technologies and SDC Technologies Intro Photochromic System for Optical Labs

By [Staff](#)

Tuesday, October 3, 2023



**Product:** CrystalChrome®

**Top Line:** [Coburn Technologies, Inc.](#), the world's leading provider of computer-integrated ophthalmic lens processing systems and ophthalmic instruments, in collaboration with [SDC Technologies](#) (SDC), a recognized global leader in the development and manufacturing of high-performance specialty coatings, has launched CrystalChrome, a breakthrough photochromic system for optical labs.

**Close Up:** This novel lens coating technology brings an exciting dimension to Coburn's acclaimed spin coating offering and represents the first major product development collaboration with its new parent, SDC, combining Coburn's spin coating know-how with SDC's coating expertise. CrystalChrome gives optical labs the ability to transform any clear, semi-finished blank or surfaced lens into a high-quality photochromic lens. Photochromic is a growing segment in the industry. Traditionally, labs that offer these products maintain a substantial inventory of photochromic semi-finished blanks in a variety of materials and colors to provide timely delivery

to their customers. "The new CrystalChrome technology is a breakthrough opportunity for optical labs to incorporate their very own photochromic lens coating process," stated Coburn Technologies, Inc. president Alex Incera. "Now, labs can provide high-performance light-reactive lenses to their customers in less time and at a lower cost than traditional sourcing methods."

**Vital Stats:** CrystalChrome enables on-demand production of photochromic lenses, reducing the cost of delivering these premium products and eliminating inventory of semi-finished blanks while still allowing for quick turn-around. Key features of Crystal Chrome include:

- Best-in-class photochromic performance on all lens materials
- Fast darkening and fading speeds
- Exceptional optical clarity
- Excellent product durability and stability
- Compatibility with anti-reflective and metallizing treatments
- Fast drying, thermal cure
- Superior abrasion and chemical resistance
- Available in CrystalChrome GY for gray color and CrystalChrome BN for brown color tint versions



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## **Coburn Technologies and SDC Technologies Intro Photochromic System for Optical Labs**

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Tuesday, October 10, 2023

"In the development of the CrystalChrome photochromic coating solutions, we ensured that the final product would offer high performance on all lens materials, fast darkening and fading speeds, and excellent durability and stability," stated SDC Technologies president and CEO, Richard Chang. "Optical labs can expect best-in-class performance through our patented proprietary coatings that are tailored for front-side spin coating. The CrystalChrome system and coatings will streamline lab processes and enhance profitability." The CrystalChrome system can be easily integrated into any lab and is capable of meeting dynamic production needs, regardless of lens material. CrystalChrome delivers outstanding value and can prove to be highly profitable for many labs.

CrystalChrome will be on display for the first time at the Coburn Technologies [Booth #F6065](#) at Vision Expo West. Coburn encourages attendees to stop by and get a first look at CrystalChrome.

<https://www.coburntechnologies.com/>; <https://sdctech.com/>

<https://www.visionmonday.com/launchpad/systems-equipment/article/coburn-technologies-and-sdc-technologies-intro-photochromic-system-for-optical-labs-1/>

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