

Our Expertise for Your Success

Auer Lighting is your reliable partner for high-tech coatings and glass elements.

- Designing optical components with and without coatings
- Tailored coating designs
- Simulation and verification of optical elements
- Adaption of our vast metrological equipment to your needs
- Advanced process capabilities towards highly reliable delivery
- Rapid prototyping supporting your time to market needs

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STRUCTURED COATINGS



Laser Ablation for CMY Systems and Gobos

Structuring by Lasers

Auer Lighting uses laser ablation technology to structure metal, enhanced metal and dichroic coatings. Precise structures with a high resolution can be realized. Customized as well as standard designs are available.

Fields of Application

Auer Lighting offers a wide range of high-end dichroic and metal coatings for all light sources. Typical fields of application are stage & studio lighting and high-end imaging technologies.

Product Range

- CMY systems, flags, color wheels, clouds
- White metal coated gobos
- Micro apertures for laser applications



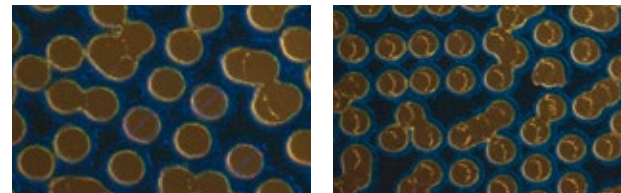
Structured Dichroic and Metal Coatings

CMY, CTB and CTO filters matching the customer's color and design requests are part of our program completed with a large range of standard colors. All within an edge accuracy of ± 2 nm.



Debris

Comparison of debris and surface quality of laser ablated substrates.



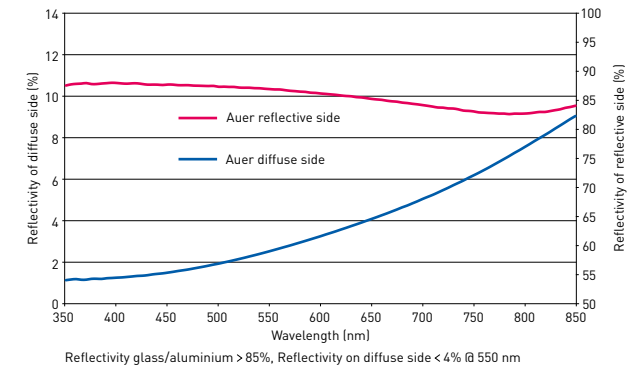
Auer Lighting:
smooth surface, no debris

Competitor:
rough surface with debris

White Gobos for Discharge and LED

Auer Lighting's white gobos are available with customized and standard designs. White gobos feature a better heat absorption and no ghost light.

Performance of Auer's Gobo Coating



High-end Gobo Coatings

High-end white metal coated gobos on borosilicate glass are well accepted for Sirius and Platinum systems. Excellent reflection on one side and high diffusion on the other side is the key to a long lasting gobo.

