



Precision in glass. Made in Germany.

longlassting

A tradition of market leadership. A passion for innovation.

Precision made in Germany: For decades, optics by Auer Lighting have been manufacturers' first choice. And every day, our engineers are working on new ideas to help you be even more successful.



2017

Defined microstructuring of glass

2015

Laser ablation of filters and gobos

2013

Injection moulding for shaping complex glass optics

2009

Opening of glass processing plant in Chennai, India

2006

Advanced optical simulation capabilities

2003

Qualification of first MicroDyn® sputtering coater

2000

Installation of highly efficient oxy-fuel melter

1992

Start of the PICVD coating technology

1986

Fully integrated precision post forming

1949

First glass production

1948

Founding of Auer Glaswerke GmbH

BENEFIT FROM OUR UNIQUE ADVANTAGES!

- Reliable and sustainable: SUPRAX® borosilicate glass makes it possible to safely use optical glass components even under extreme conditions.
- Cooperative and communicative: Excellent quality, consistent delivery reliability and efficient information exchange make us the ideal partner.
- Intelligent and innovative: Our ideas pave the way for your success. Enjoy the benefits of time, quality and cost advantages on the market.

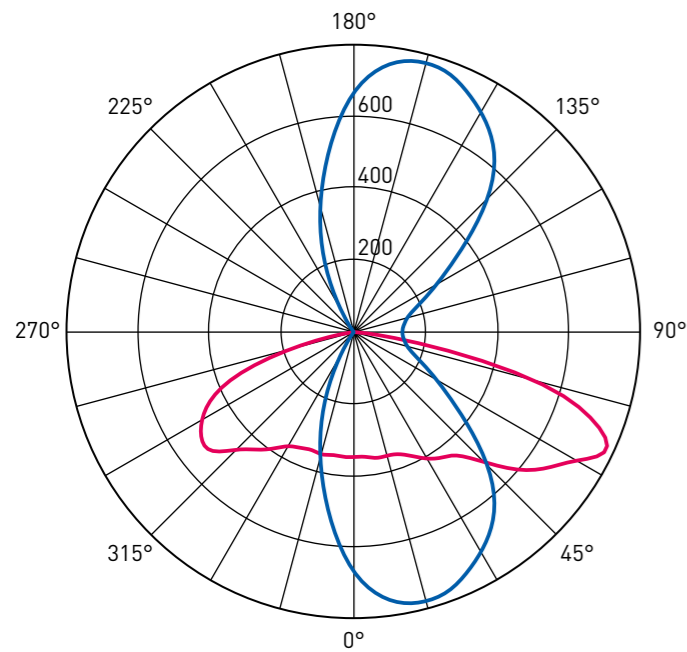
LIGHT THAT GENERATES SALES:

- Dichroic coated reflectors for high brightness and rich colors.
- Hybrid glass optics provide glare-free lighting.

LIGHT THAT STANDS FOR SAFETY:

- Free-form lenses for exterior lighting guarantee the highest level of efficiency.
- All lenses for street and parking lot lighting meet international requirements for glare control and luminance distribution.
- SUPRAX® borosilicate glass by Auer Lighting withstands any and all environmental factors, which makes it a model of reliability and durability for exterior lighting.

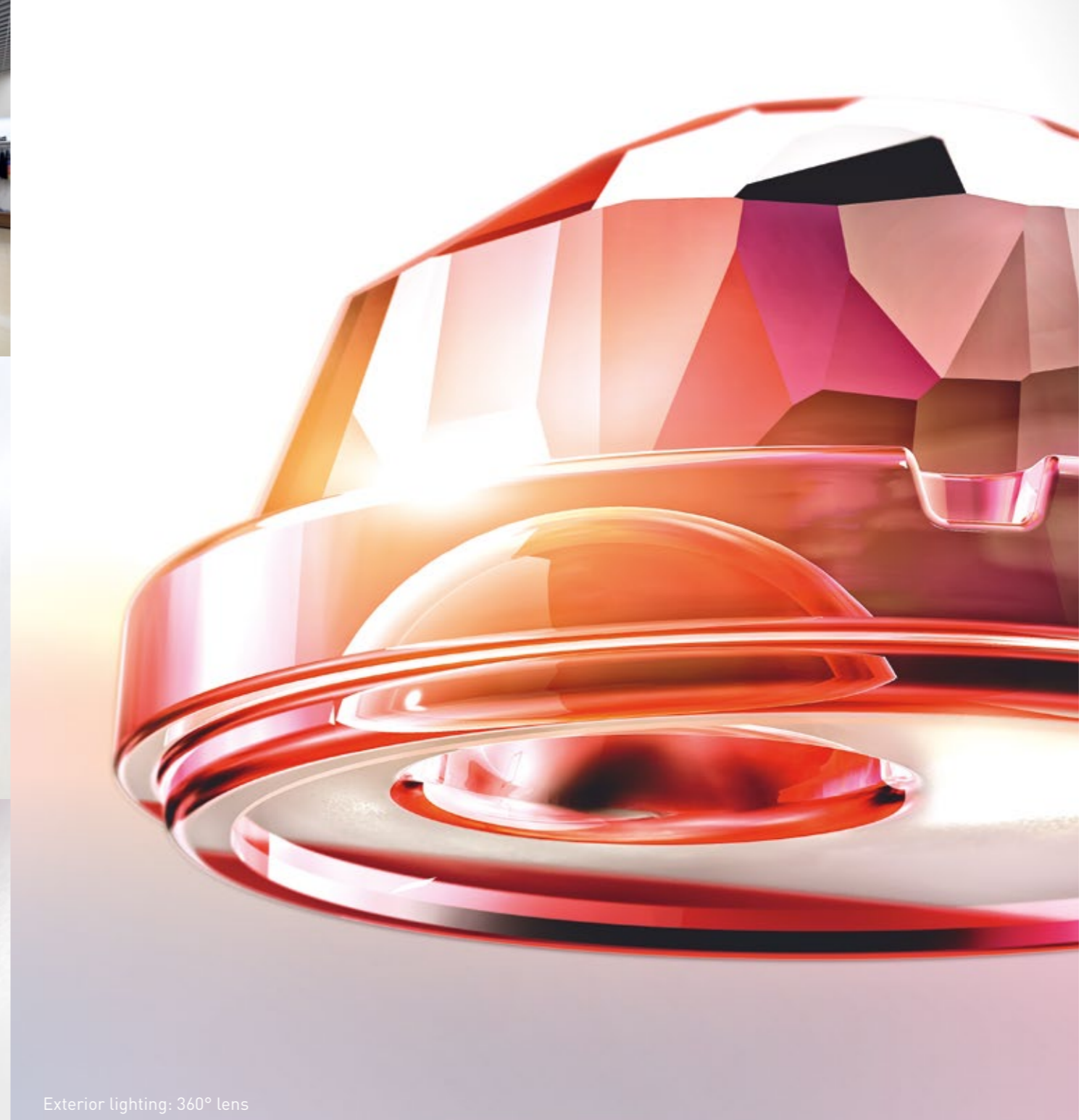
LUMINANCE DISTRIBUTION
LENS ARRAY WESTMINSTER (cd/klm)



Interior lighting: hybrid glass optics Jupiter



Exterior lighting: lens array Westminster



Exterior lighting: 360° lens

Highest quality. Stunning effect. You can rely on our expertise and experience: For interior and exterior lighting alike – you'll get the most out of your optics with solutions by Auer Lighting.

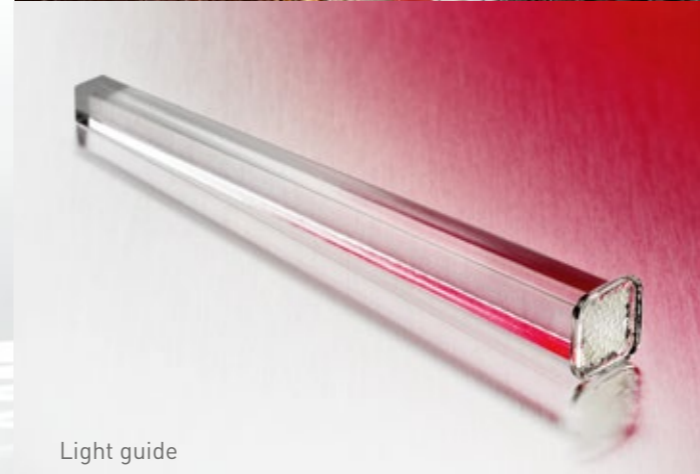
Professional Lighting

Stage and Studio Lighting

Strong performance. Perfect material. Glass lenses, filters and gobos by Auer Lighting are stars on stages throughout the world when it comes to lighting. Their repertoire is performance, quality and grand effects.



Gobos



Light guide



CMY

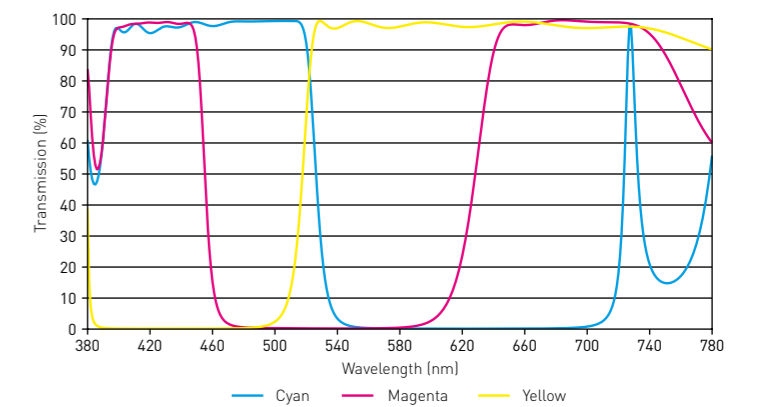
INDIVIDUALLY DESIGNED GLASS OPTICS FOR STUNNING LIGHT QUALITY:

- Fresnel lenses, PAR lenses and reflectors for all light sources.
- Glass light guides for ideal color mixing and the highest level of efficiency.

SPECTACULAR EFFECTS WITH STATE-OF-THE-ART COLOR FILTERS AND INNOVATIVE GOBOS:

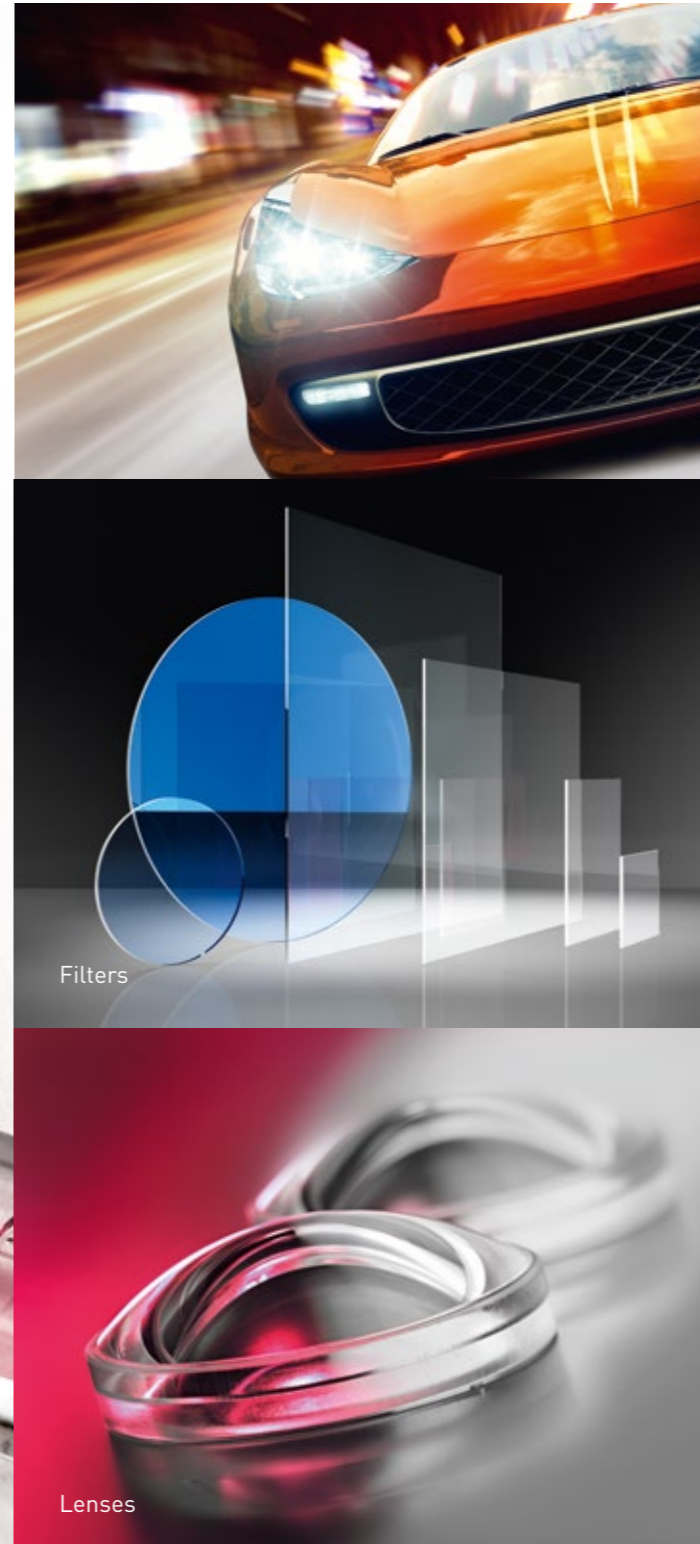
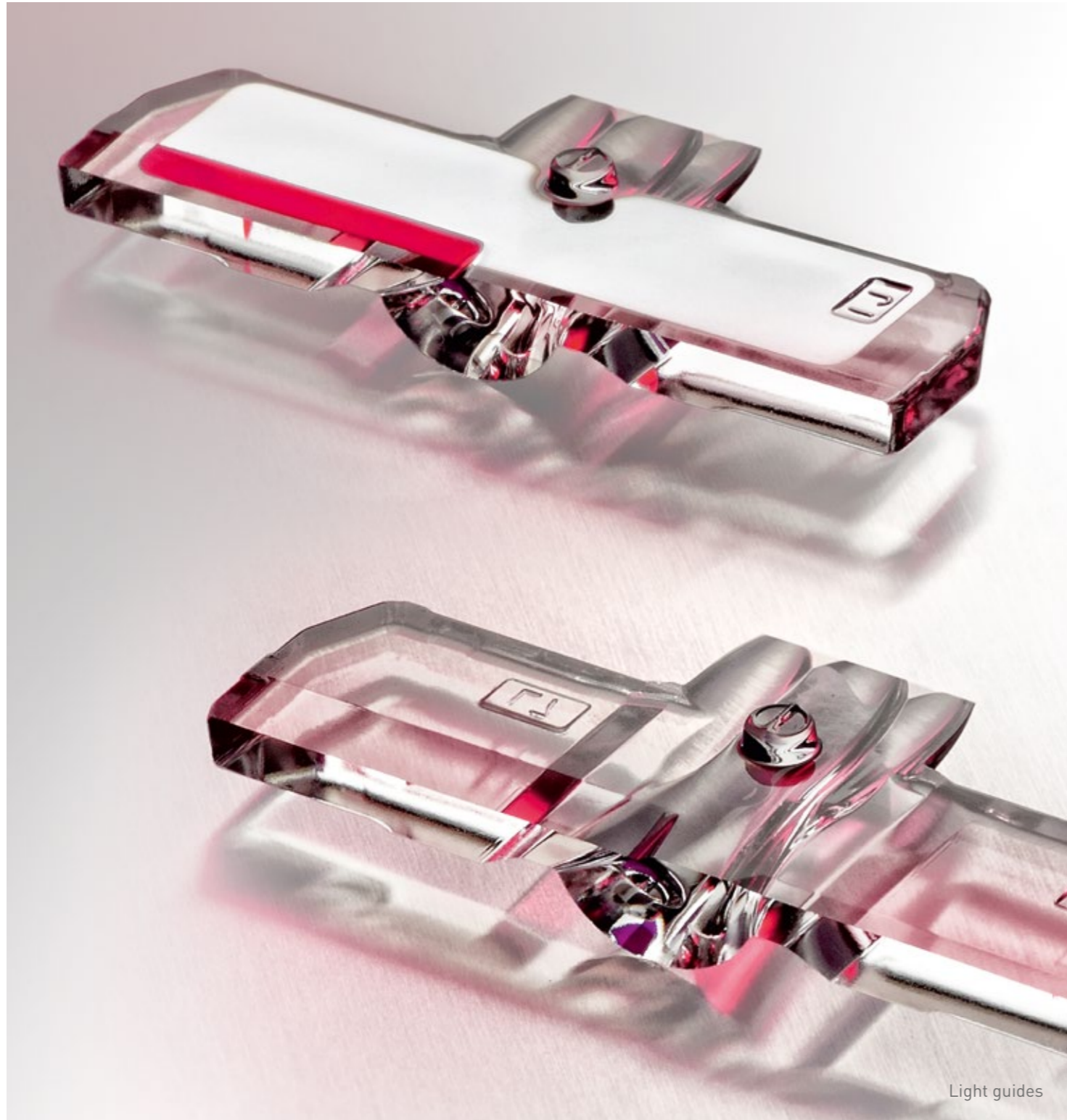
- Auer color filters use precisely defined edge positions to create vivid colors.
- Gobos, even very small designs, that create breathtaking projections.

HIGHLY SATURATED CMY COLOR FILTERS



Automotive

Rapid progress. Technological milestones. We'll take you into the fast lane: With our complex precision optics for cutting edge LED, matrix LED and laser headlights, you'll be going full speed toward maximum safety and efficiency.



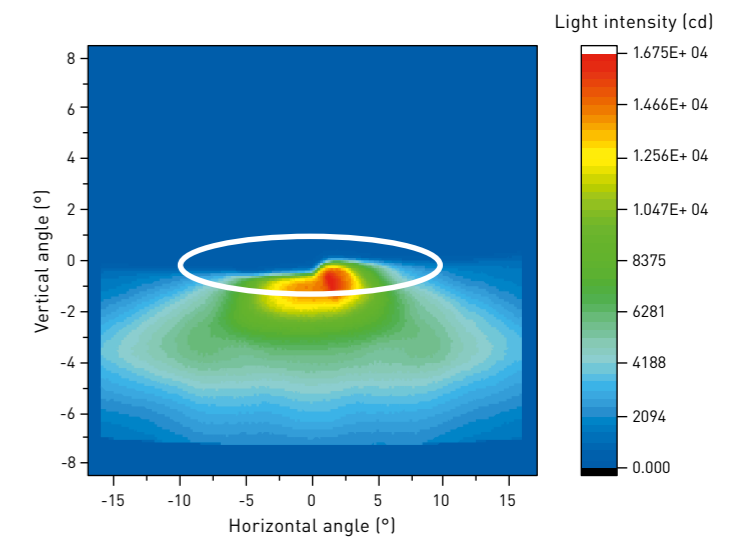
IDEAL LIGHTING – RIGHT WHERE YOU NEED IT:

- Complex glass optics, formed with our unique press technologies.
- Low dispersion level, precision fitting and shape retention, even under severe temperature stress.
- Special prisms, filters and converter solutions for ideal light guidance in laser headlights.

HIGH-QUALITY COATINGS – FOR DESIGN AND FUNCTION:

- Decorative coatings, e.g. titanium, for interior lighting.
- Dichroic functional coatings for optical sensors and for efficiency enhancement.

LOW-BEAM LIGHT DISTRIBUTION FROM A HEADLIGHT WITH STRUCTURED PROJECTION LENS



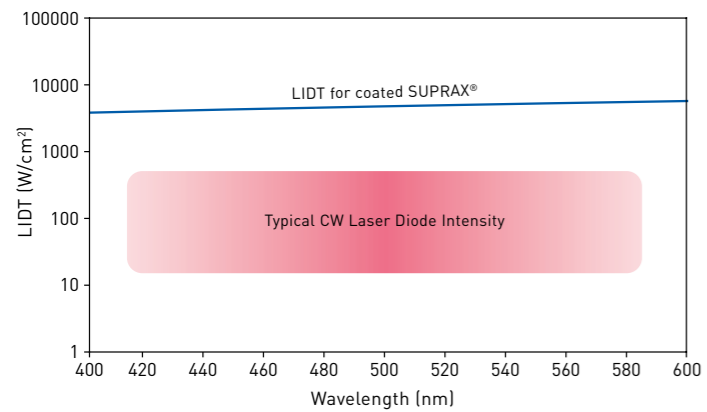
SMALL EVENTS – QUIET SYSTEMS:

- Reflectors and precision lenses for projection systems with high-efficiency coatings for optimized light output.

LARGE EVENTS – HIGH-PERFORMANCE LIGHT SOURCES:

- High-accuracy fitting for large reflector sets through precise CNC processing.
- Coated lens arrays with a high laser damage threshold guarantee a long lifespan in laser projectors.

LASER INDUCED DAMAGE THRESHOLD FOR COATED SUPRAX®



Lens array



Reflector for front projectors



Reflector set for digital cinema

Clear focus. Outstanding presentation. Shedding light on any matter: Optics and lens arrays by Auer Lighting project striking images at any scale – for everything from lectures and trade fair presentations to mega events.

Projection

Appliances and Metering

Ideal visibility. Long lifespan. For everything from washing machines, ovens and water meters to high-performance industrial machines: Inspection glasses by Auer Lighting withstand even the most extreme conditions – and always provide crucial visibility.



SUPRAX® FOR HOUSEHOLD DEVICES AND WATER METERS:

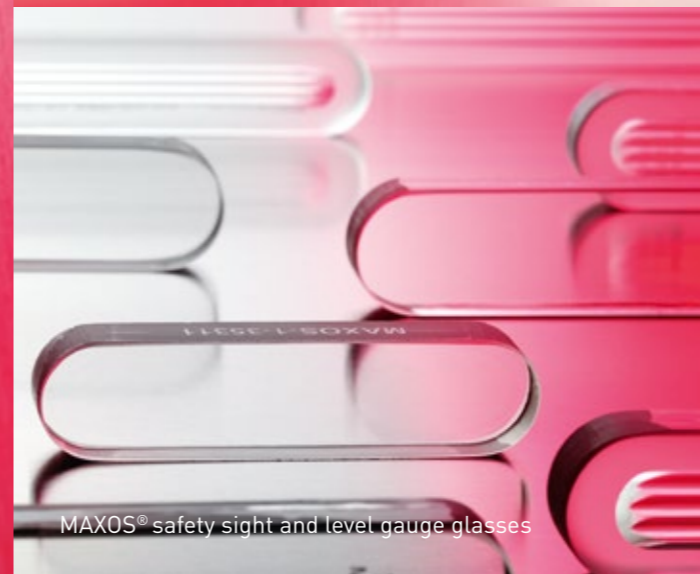
- The high transmission levels and excellent thermal shock resistance of SUPRAX® guarantee long-lasting, crystal-clear visibility.
- This specialty glass is well-suited also for pyrolytic cleaning.
- A comprehensively smooth glass surface ensures damage-free cleaning.

MAXOS® STANDS FOR GUARANTEED SAFETY FOR ALL INDUSTRIAL APPLICATIONS.

- MAXOS® safety sight and level gauge glasses stand out for their excellent hydrolytic resistance.
- The special glass structure of our MAXOS® glasses provide reliable protection in all pH ranges.
- The particular thermal tempering guarantees resistance to strong temperature fluctuations and high pressure loads.



Water meter glasses



MAXOS® safety sight and level gauge glasses

Locations

Globally positioned. Always reachable. We're here for you: Our products and services are available all over the world. And you can always contact us at www.auer-lighting.com



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