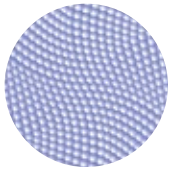
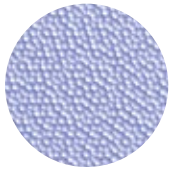


Micro Structures

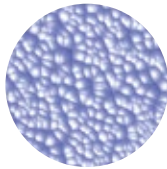
Glass surface structuring for beam shaping and mixing. Auer Lighting has more than only one structuring technology.



Rotated hexagonal



Quasi-periodic



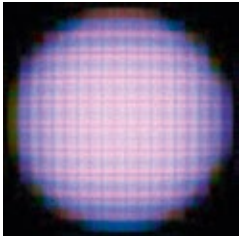
Stochastic

Examples of defined micro structure geometries on light guide output surfaces.

Properties:

- Homogenization of the light field for intensity and color
- Direct integration into the output surface
- No additional diffuser needed (one-piece solution)

Color impression on a screen: light guides



Without structured surface



With structured surface

Auer Lighting GmbH

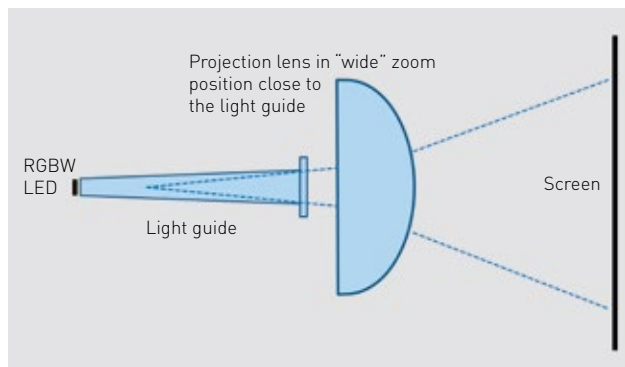
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info@auer-lighting.com
www.auer-lighting.com



LIGHT GUIDES



Light Guides Made From Glass For Long-Lasting Systems



Auer Lighting offers a wide range of standard glass light guides, highly efficient and temperature stable for mid- to high-power LED applications.

Properties:

- Input surface: Polished
- Output surface: Polished or Micro Structured
- Mounting option: Flange
- Efficiency option: AR coatings

Standard Program

Input (mm)	Output (mm)	Length (mm)
2.6 x 2.6	∅ 5.2	39
2.8 x 2.8	5.9 x 5.9	69
3 x 3	4 x 4	35
3.3 x 3.3	5.4 x 5.4	45
3.9 x 3.9	5.8 x 5.8	70
4.7 x 4.7	10.9 x 10.9	45

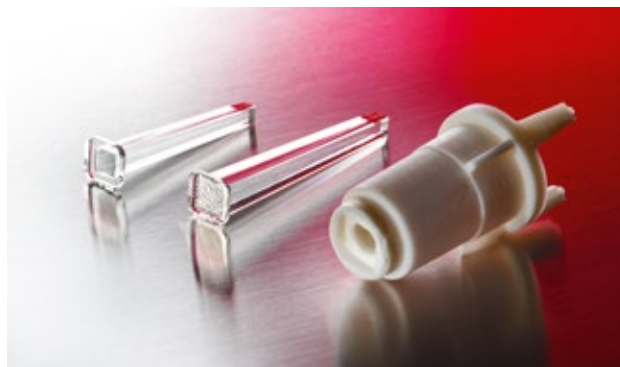
Available for

- Osram: Ostar
- Philips: Luxeon
- LED Engin: LZ

Customized solutions on request.

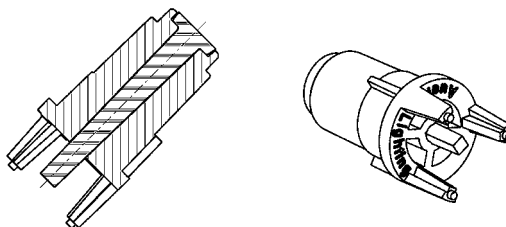
Holders For Auer Lighting's Light Guides

NEW



Typically, a light guide needs a holder. Auer Lighting supplies holders and concepts to perfectly match your fixture. Standard types are available, other dimensions on request.

Your advantage: Our light guides are precisely pressed solutions made out of a single piece for easy and quick assembly.



Holders are possible in different colors and materials.

Designs are available free of charge at our online shop for your own 3-D printing. Larger quantities can be designed to your own dimensions, specifications and color.

The 8 mm Class

NEW



A light guide for the highest power LEDs. The light guide for the SplitStar S32 made from SUPRAX® 8488 borosilicate glass ensures constant optical and mechanical properties for unlimited life.

- Temperature stable glass light guide
- Output surface: Polished or Micro Structured
- Efficient light mixing
- Artifact-free light distribution
- Efficiency option: AR coatings
- Assembly option: Temperature stable holder

Dimensions

Input: 8.8 x 8.8 mm
Output: ∅ 16.6 mm
Length: 89 mm

Available for

- Osram: SplitStar S32

Higher efficiency or luminance versions can be customized per your request.