

# SCHOTT Automotive Exterior Lighting

rigid solutions



## Product Characteristics

SCHOTT has specially designed its rigid light guides for automobile lighting applications. They are based on pure glass and fulfill all requirements outlined in the EU directive 2000/53/EC ("End of life vehicles").

Without specific cladding or sheathing the light guides make it possible to separate the light source spatially from the light output. Thus you can create high-performance illumination in difficult restricted spaces.

In order to support this, the light guides can be shaped into 2- or 3-D geometry.

Technical Specifications	
Type of glass	Borosilicate, according DIN EN ISO 3585
Chromaticity coordinate (NLQ A)	Controlled during the melt, @ Ø 8mm, 400 mm length within the coordinates: 0,440 • x • 0,470 0,399 • y • 0,423
Chemical resistance	According ISO 3585 and ASTM E 438 Type I Class A
Diameter of light guide	Customized upon request, e.g. Ø 8 ± 0,25 mm
Transmission	Depending on geometry, typical example > 60% for 3D-geometry
Geometry	Complex 2D- and 3D-shapes possible, details to be discussed and tested

**For more information please contact:**

Lighting and Imaging  
**SCHOTT North America Inc.**  
 122 Charlton Street  
 Southbridge, MA 01550  
 USA

phone: +1 (508) 765-9744  
 Fax: +1 (508) 764-6273  
 e-mail: [lightingimaging@us.schott.com](mailto:lightingimaging@us.schott.com)  
[www.us.schott.com/lightingimaging](http://www.us.schott.com/lightingimaging)

**SCHOTT**  
 glass made of ideas