

Reference

## PLEXIGLAS®

### Luminous world map



#### Market segment

Furniture, exhibition, shopfitting

#### Location

Frankfurt, IAA 2015, Schaeffler AG booth

#### Product

PLEXIGLAS® GS Clear 0F00 GT, thickness 20 mm, laser engraved

PLEXIGLAS® LED, thickness 8 mm

PLEXIGLAS® Satinice, thickness 6 mm; light emitting diodes

#### Fabricator

axis GmbH & Co. KG, Nuremberg, Germany

[www.axis-expotechnik.de](http://www.axis-expotechnik.de)

#### Selection criteria

- High light transmission
- Perfectly homogeneous illumination
- Excellent processability



#### Description of the application

At the Schaeffler booth, a large light-graphic world map showed the company's sites in changing luminous colors. For this, the continents were engraved on a transparent PLEXIGLAS® sheet and edge-illuminated by RGB LEDs. The cars, similarly illuminated, were mounted at an offset in front of the sheet. Each of the cars is a free form shape consisting of Lightpanel slim covered with PLEXIGLAS® sheeting. The PLEXIGLAS® sheet is printed on the reverse.

The light wall, made up of three segments joined together, occupies a total area of about six square meters.

#### Evonik Performance Materials GmbH

Acrylic Polymers

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