

LightPoints™

Product Information

LightPoints™ offer the unique ability to allow light diodes (LEDs) to float freely inside glass and glow.

LightPoints™ create the perfect setting for trade fairs and exhibitions or enable shops to glow. Furthermore, they allow for unique product presentations and set individual accents with furniture and interior design. Individual sized modules and flexible placement of the LEDs and invisible wiring make it possible for LightPoints™ products to fit in with any design and accommodate basically any size area, either indoors or outside.

SCHOTT PowerControl is equipped with LEDs (Light Emitting Diodes). The power (low-voltage direct current) is supplied via almost invisible circuit boards. Various colors and quantities of the LED LightPoints™ can be put to use. The glass units are also available in different sizes. The PVB laminated glass meets legal requirements with respect to fall protection glazing and complies with EN 12 600.

Conductive PVB laminated glass can also be used to supply external devices with power. Because the base glass pane that provides the electrical contact does not require any holes, it can also be put to use effectively outdoors. This technology can be used for a broad spectrum of applications. Even the handles of doors made entirely of glass can be illuminated and light sources already in use can be replaced without difficulty.

Product Advantages

The LEDs float freely inside the glass, and their power supply elements are barely visible. The LEDs can be programmed in such a way that in addition to their decorative function, they can also be used to transfer information.

Materials

Base glass: SCHOTT PowerControl 20 conductive coated glass or SCHOTT PowerControl 10 (on the basis of float glass)
Special products: B 270 Superwite™, IMERA®, ARTISTA®, fusing glass, float glass, and anti-reflective glass. Other solutions available by special order.

Application Domain

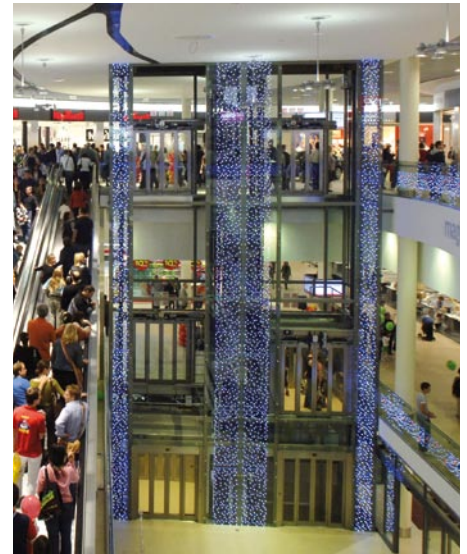
Transparent lighting elements for ambient and decorative lighting for the following:

- advertising
- lighting industry
- architecture
- furniture industry
- auto industry
- display lighting

For further information please contact:

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Edge Finishing Options

- a) Standard linear seamed edge
- b) Straight ground and seamed edge
- c) Polished straight edge

Power Supply

- a) Standard plug for connection to AC power grid 230 VAC via plug-in power supply or with an EVG output depending on design (12 VDC, 24 VDC)
- b) Customized voltages available by special order

Connection for conductive glass plate

- a) Standard power cord, approximately 300 cm long
- b) Customized configurations available by special order

Control System

Customized solutions such as flashing lights, running lights and the like are available by special order.

Supply Modalities

According to customer specification.

SCHOTT
glass made of ideas