

powerglass®

PETER PLATZ
SPEZIALGLAS GMBH



CONTROLLABLE BALUSTRADES
GALERIES LAFAYETTE MAISON
BOULEVARD HAUSSMANN,
PARIS, FRANCE
2004

Design & Lightplanning: Ingo Maurer, Munich

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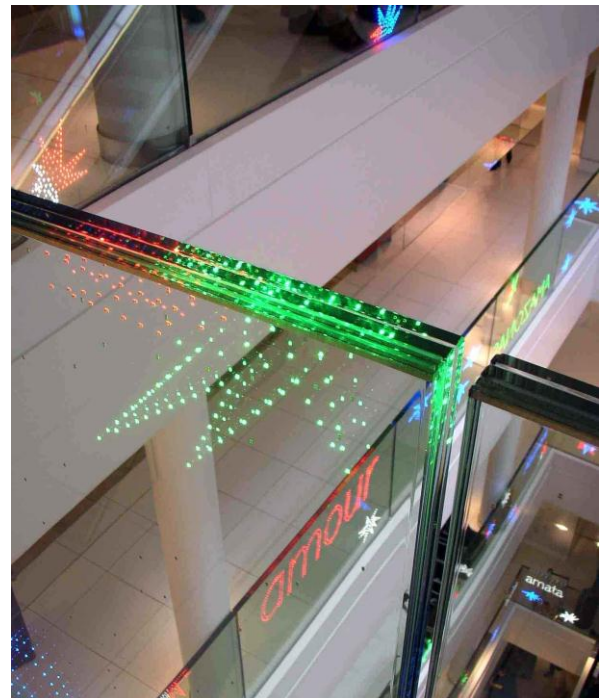


150 metres of controllable powerglass® for Galeries Lafayette Maison have been supplied as a stand-alone railing for the atrium area, distributed over four floors, according to the drafts of the renowned light designer Ingo Maurer, Munich. Three independently switchable circuits have been realized inside the 43 mm laminate construction made of safety glass. Each powerglass® element is equipped with up to 1.000 LED. The railing elements are fixed to the ground without any visible components.

The different power circuits can be switched and dimmed separately, creating an almost three dimensional impression. A total of approx. 60,000 LED were used to depict coloured stars, words in different languages and colours and a starfield design. The light points in several layers and colours seem to float inside the glass, an effect which is not possible to achieve without powerglass®.

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AUF DEN PÜHLEN 5
D-51674 WIEHL-BOMIG

T: +49 (0)2261 7890-0
F: +49 (0)2261 7890-10

E: INFO@P2SG.DE
WWW.P2SG.DE

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Single panel with three separately controllable power circuits.



Technical Data

Project	Galleries Lafayette Maison Boulevard Haussmann, Paris, Frankreich
Specification	stand-alone balustrade with three separately controllable power circuits per element, depicting coloured stars and letters (in different languages and alphabets) as well as a starfield design
Glass Construction	safety glass (24/2) semi tempered / 2 mm cast resin / 6 mm powerglass® / 2 mm cast resin / 6 mm powerglass®
Dimensions	a total length of 150 m, installed over 4 floors powerglass® elements up to 2020 x 1015 x approx. 43 mm
Weight	per element up to approx. 280 kgs
Lighting	up to 1.000 LED per element, with a total of approx. 60.000 LED, dimmable LED colours: white, red, blue and green; emitting light to both sides

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Power Supply	per element: 60 watt, 48 volt, central power supply
Installation	Etablissement Gendre, Paris
Design	Ingo Maurer
Lightplanning	Ingo Maurer
Period	2004
