



SCHOTT
glass made of ideas

OPALIKA®

White flashed opal glass

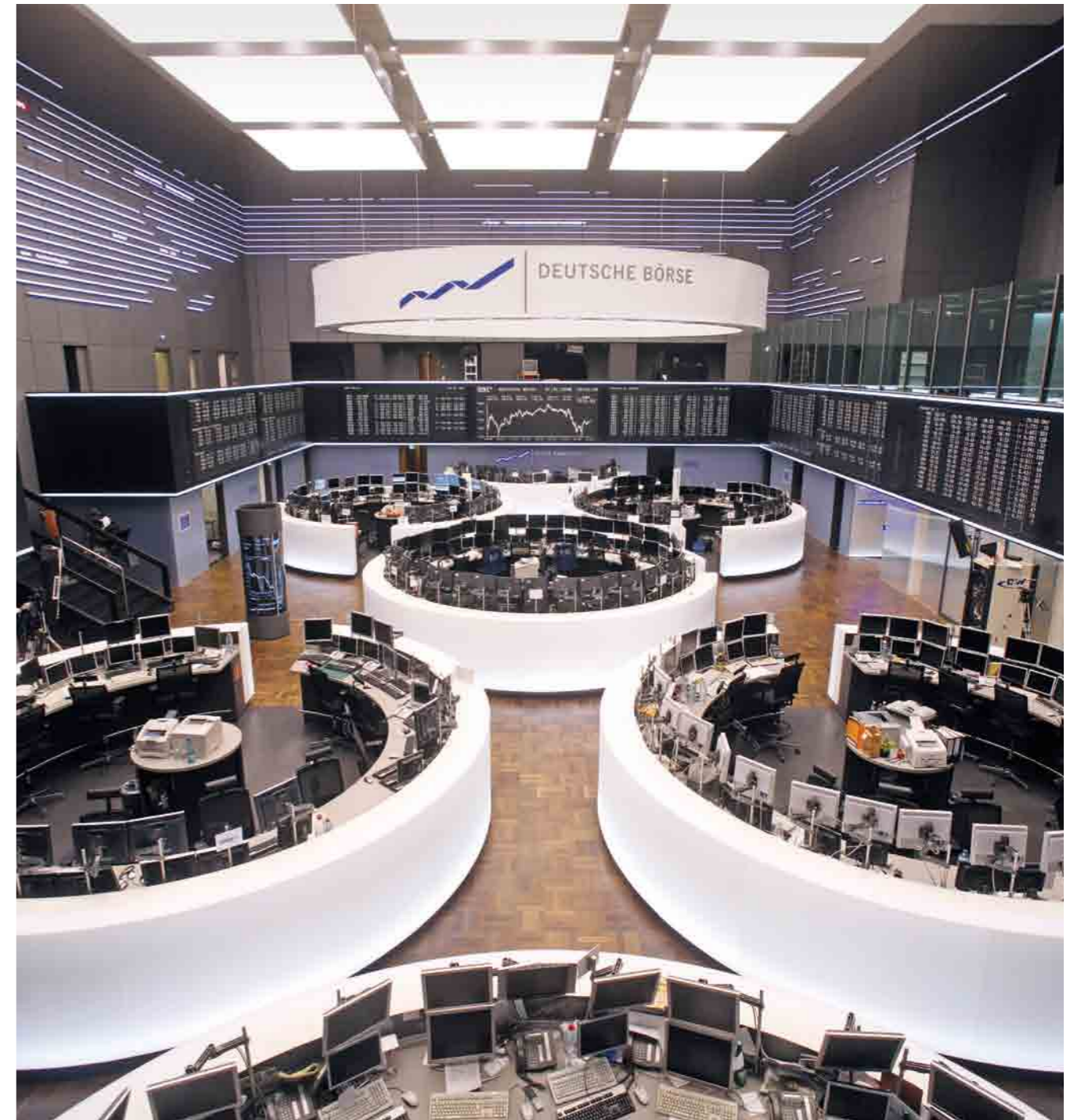
SCHOTT is an international technology group with more than 125 years of experience in the areas of specialty glasses and materials and advanced technologies. With our high-quality products and intelligent solutions, we contribute to our customers' success and make SCHOTT part of everyone's life.

SCHOTT works closely with architects and designers to extend the boundaries of design and create new opportunities for building culture – in terms of design and space, indoors and outdoors, for solar power and fire protection, aesthetics and functionality – sustainable and custom-tailored. That's what makes SCHOTT a qualified partner for architecture and design.

Cover: The conference room in the Television Museum at the Sony Center in Berlin was equipped with an illuminated ceiling made of OPALIKA® white flashed opal glass. Light that resembles daylight is achieved with uniform illumination.

Right: The trading floor of the German Stock Exchange (Frankfurt/Main), designed to feature curved OPALIKA® glass by Atelier Brückner in Stuttgart

SCHOTT OPALIKA® is a translucent, white flashed opal glass that distributes light evenly and reflects each light color perfectly without altering it in any way. This makes OPALIKA® white flashed opal glass the material of choice for decorative interior light surfaces and illuminated ceilings with low-shadow lighting requirements.



Like light that comes from the sky

Spread evenly, low-shadow, color-neutral

SCHOTT OPALIKA® glass has outstanding properties. The white flashed opal glass distributes light as evenly and naturally as a full cover of clouds, making OPALIKA® white flashed opal glass an ideal choice for illuminated ceilings in museums, shops, showrooms, foyers and other rooms that call for evenly diffused daylighting.

Attractive and versatile

As a material for use in backlit fixtures, OPALIKA® glass sets eye-catching accents – whether as a reception desk, a partition wall or a wall of light. This is guaranteed by its excellent color rendering, which shows each setting in its true colors without distorting them. SCHOTT's OPALIKA® glass consists of a special, colorless optical glass and a thin, pure white flashed opal glass layer; light sources concealed behind the glass remain invisible. With OPALIKA® glass, uniform illumination can be

achieved from approximately eight inches from the light source, making it possible to achieve low panel heights and extremely low, suspended ceilings.

Safe and stable

OPALIKA® is available as a laminated glass for overhead mounting. This ensures safety no matter how it is positioned, even with regard to structural fire protection guidelines. According to DIN 4102, OPALIKA® glass qualifies as a class A1 non-combustible building material. OPALIKA® glass also always

retains its shape of course – regardless of the type of light source used.

Lasting value

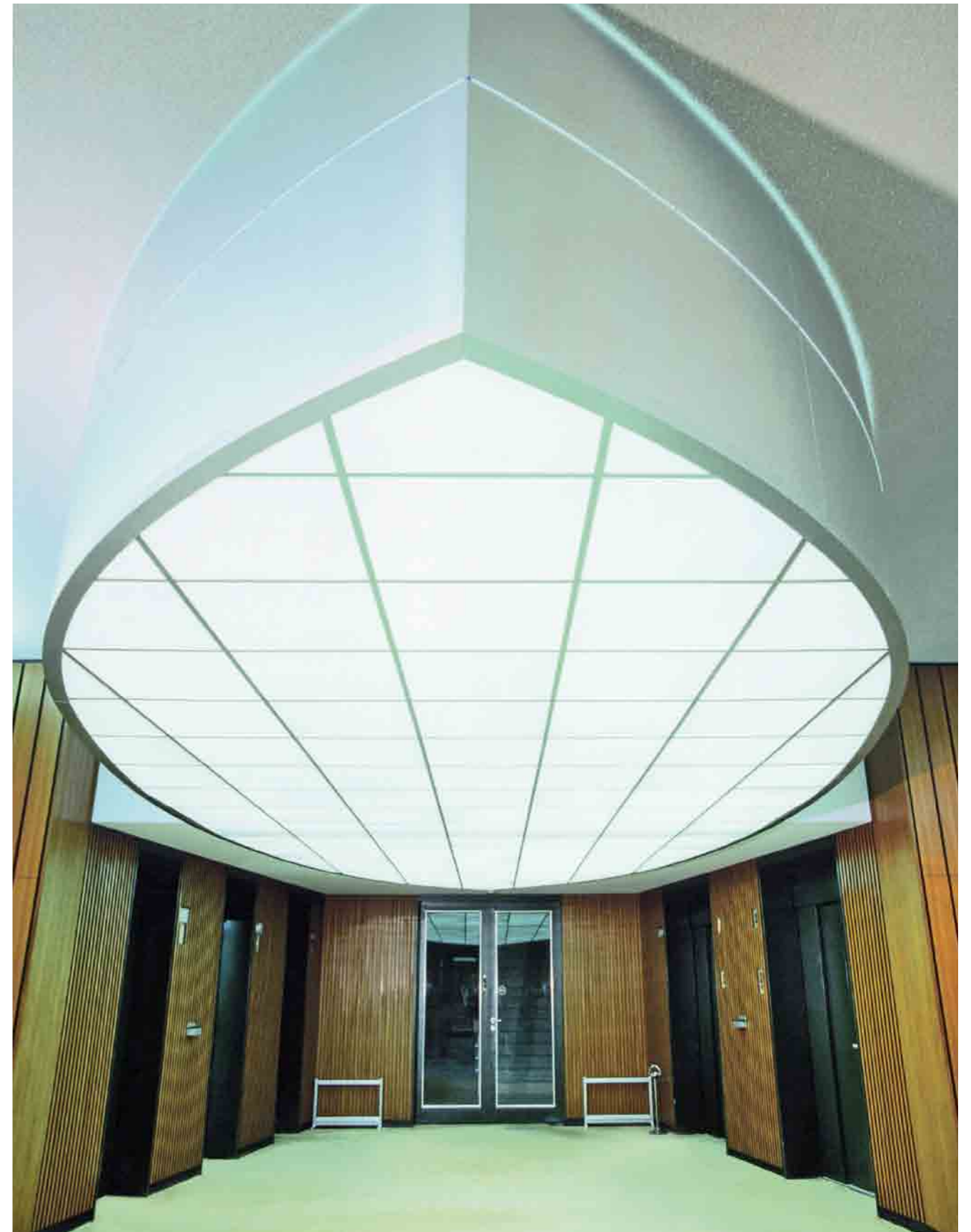
OPALIKA® glass is extremely durable and scratch resistant. This makes care and cleaning surprisingly easy and opens up a new degree of flexibility in terms of design. OPALIKA® glass can even be used for backlit floors.

OPALIKA® white flashed opal glass

- > Excellent light distribution
- > Completely color-neutral
- > Dimensionally stable
- > Robust surface
- > A multitude of processing options (e. g. as laminated glass or curved glass)



Left: Extremely durable and scratch-resistant: Philippe Starck used OPALIKA® white flashed opal glass for the illuminated floor of the boutique in the Baccarat House in Moscow (Russia)
Right: Illuminated ceiling at Osram's headquarters building in Munich (Germany)





Illuminated ceiling construction with OPALIKA® white flashed opal glass ensures glare- and shadow-free illumination of the "Hamburger Bahnhof" museum.
Architecture: Kleihues + Kleihues

SCHOTT OPALIKA® white flashed opal glass

With the expertise of its developer

OPALIKA® glass can be processed. It can be shaped, curved or even thermally tempered. SCHOTT delivers superior precision and quality for all of these modifications – plus the expertise of the company that developed it. OPALIKA® white flashed opal glass is manufactured using the traditional Fourcault drawing process, which causes minimal variations in the thickness of the milk glass layer. For this reason, SCHOTT only uses material from a continuous production run for large applications. Each panel is inspected and tested using homogenous backlighting, after which the best sections are selected. SCHOTT guarantees that you'll have a wide range.

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Technical Data Sheet

Options: laminated glass, curved glass

Nominal thickness inches (mm)	Tolerance inches (mm)	Dimensions inches (mm)
0.12 (3.00)	±0.01 (± 0.30)	551.1 × 63 (1,400 × 1,600)
0.15 (3.85)	±0.01 (± 0.35)	551.1 × 63 (1,400 × 1,600)
0.22 (5.50)	± 0.02 (± 0.50)	551.1 × 63 (1,400 × 1,600)

Proper glass installation along with optimum high-quality fluorescent lamp ensures the optimal effects of the unique features of OPALIKA® white flashed opal glass.

The best possible effects of OPALIKA® white flashed opal glass can be achieved when the distance between the lamp and OPALIKA® white flashed opal glass is approximately equal to the distance between the lamps. The maximum distance between the fluorescent lamps should not exceed 1.3 times the distance between the lamp and OPALIKA® white flashed opal glass.

Uniform illumination (diffuse and low-shadow) can be achieved even at low suspension height.

Cleaning and maintenance

OPALIKA® white flashed opal glass is easily cleaned using:

- a normal glass cleaning agent
- or a towel that has been moistened with a 1:1 mixture of methylated spirit and water.