

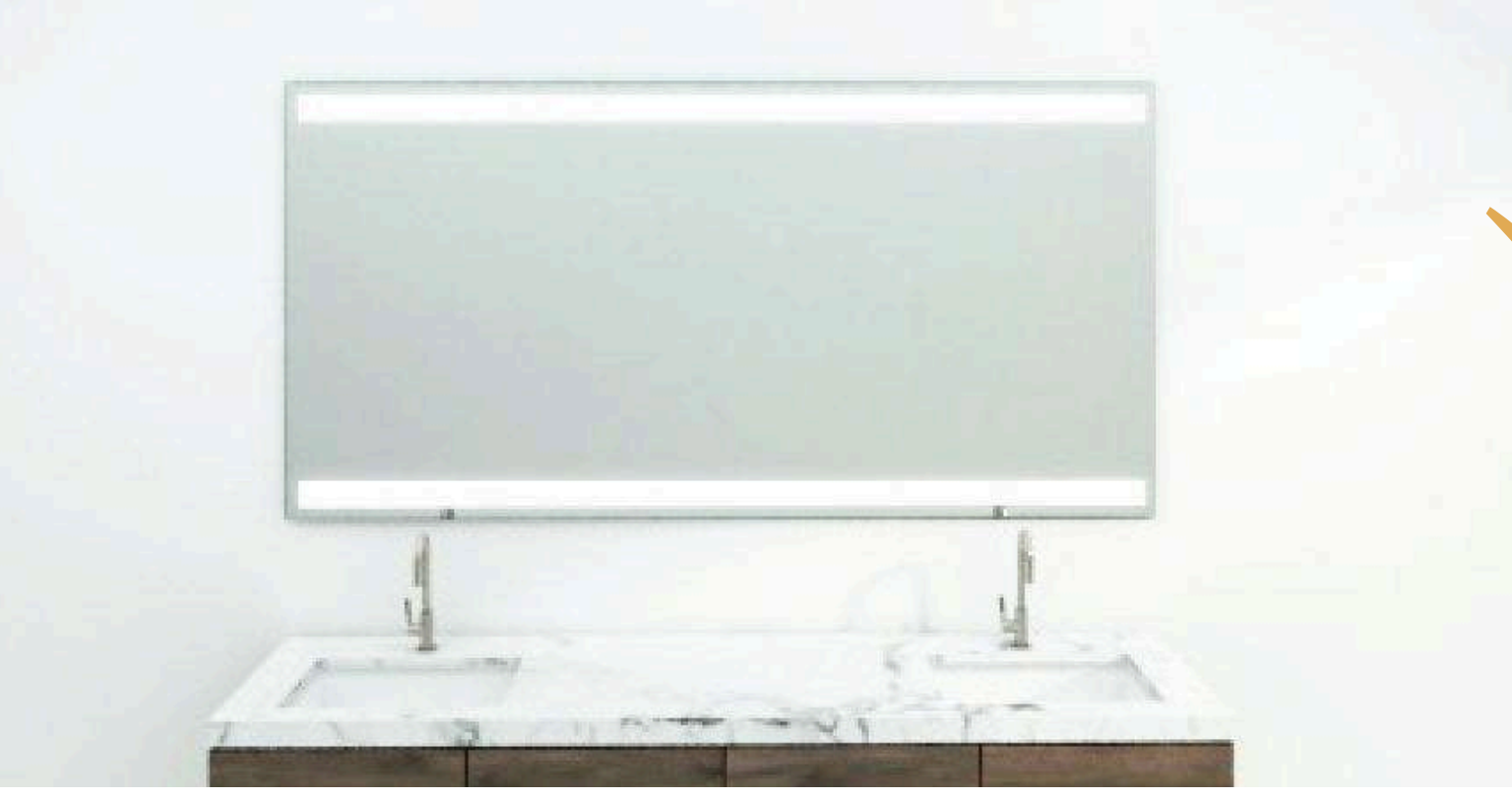
GRANDMIRRORS

SINCE 2001

GRANDMIRRORS

VS

Other Mirrors



✓ **Fully Customisable**
Designed and manufactured precisely to your requirements — with no limitations in form, dimensions, or application.

VS

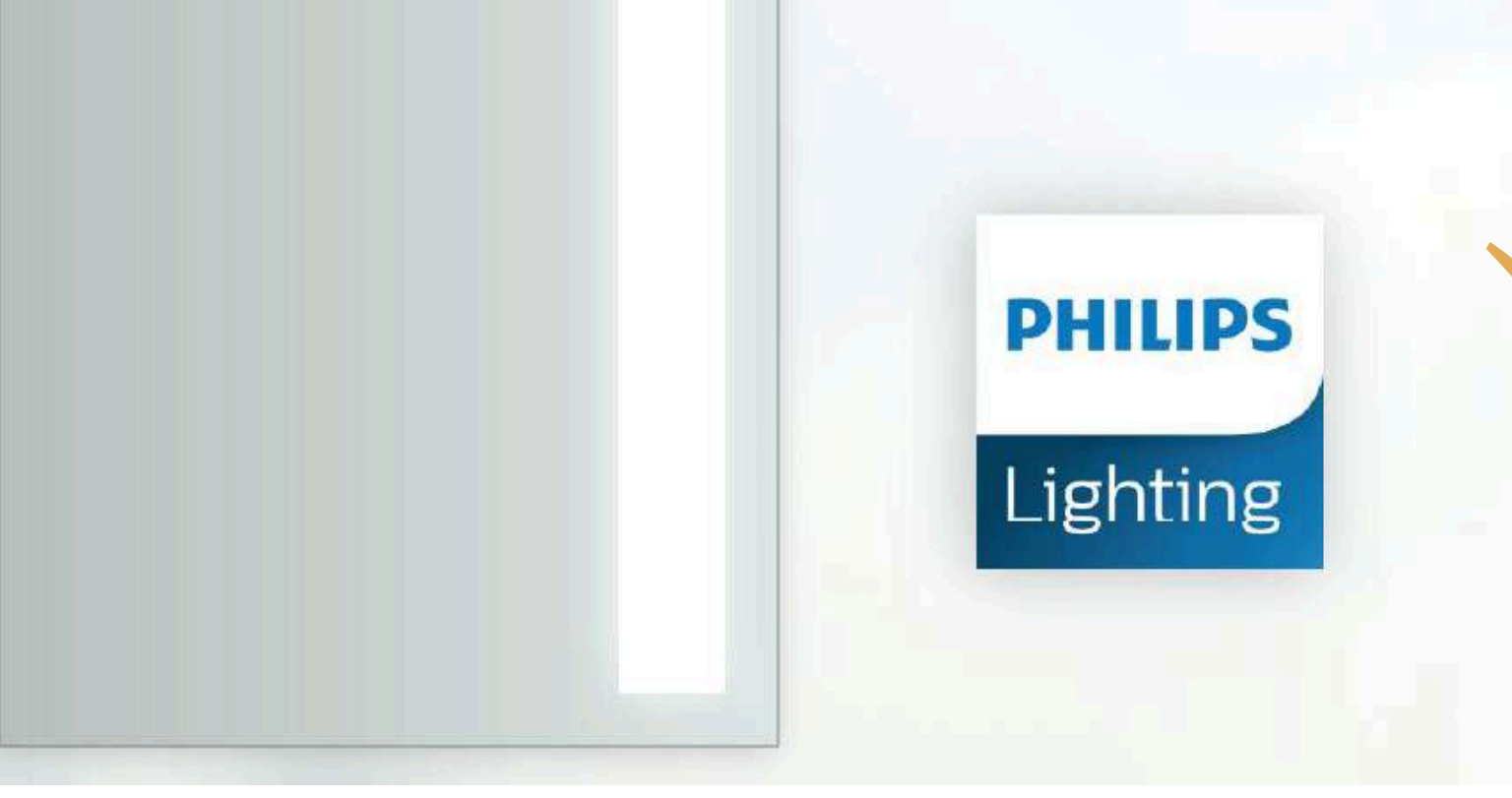
Limited Options
Typically available only in standard shapes and sizes, with little to no customisation.



✓ **Advanced LED Technology**
Energy-efficient, cutting-edge LEDs reduce power consumption and operating costs. Specially designed LED housing minimises light loss and maximises usable lumens.

VS

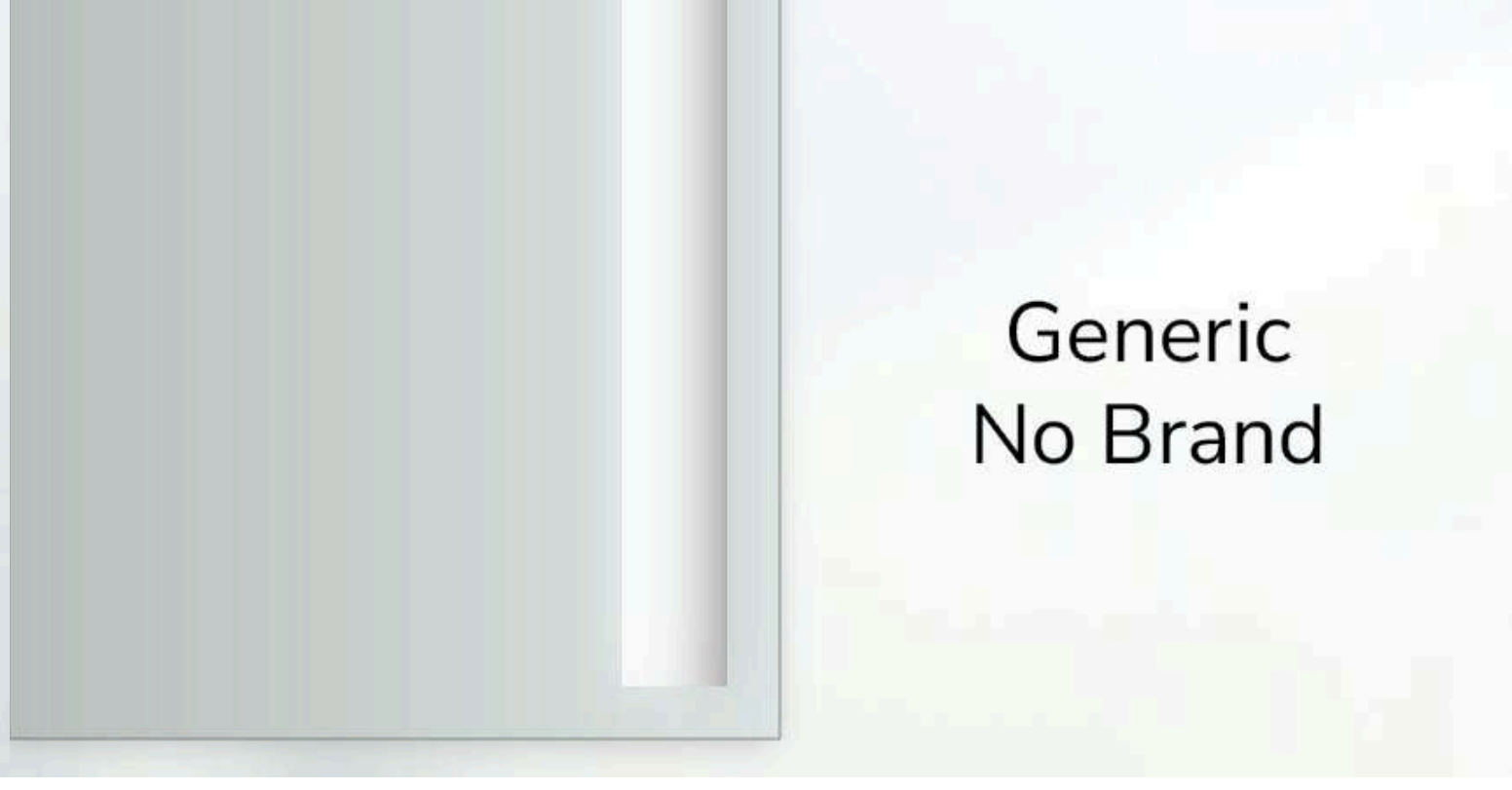
Basic Lighting Technology
Simple engineering results in light loss and lower efficiency. Illumination is often uneven, and individual LED points may be visible.



✓ **Premium Philips LED Lighting**
High-quality, long-lasting LEDs from the trusted PHILIPS brand.

VS

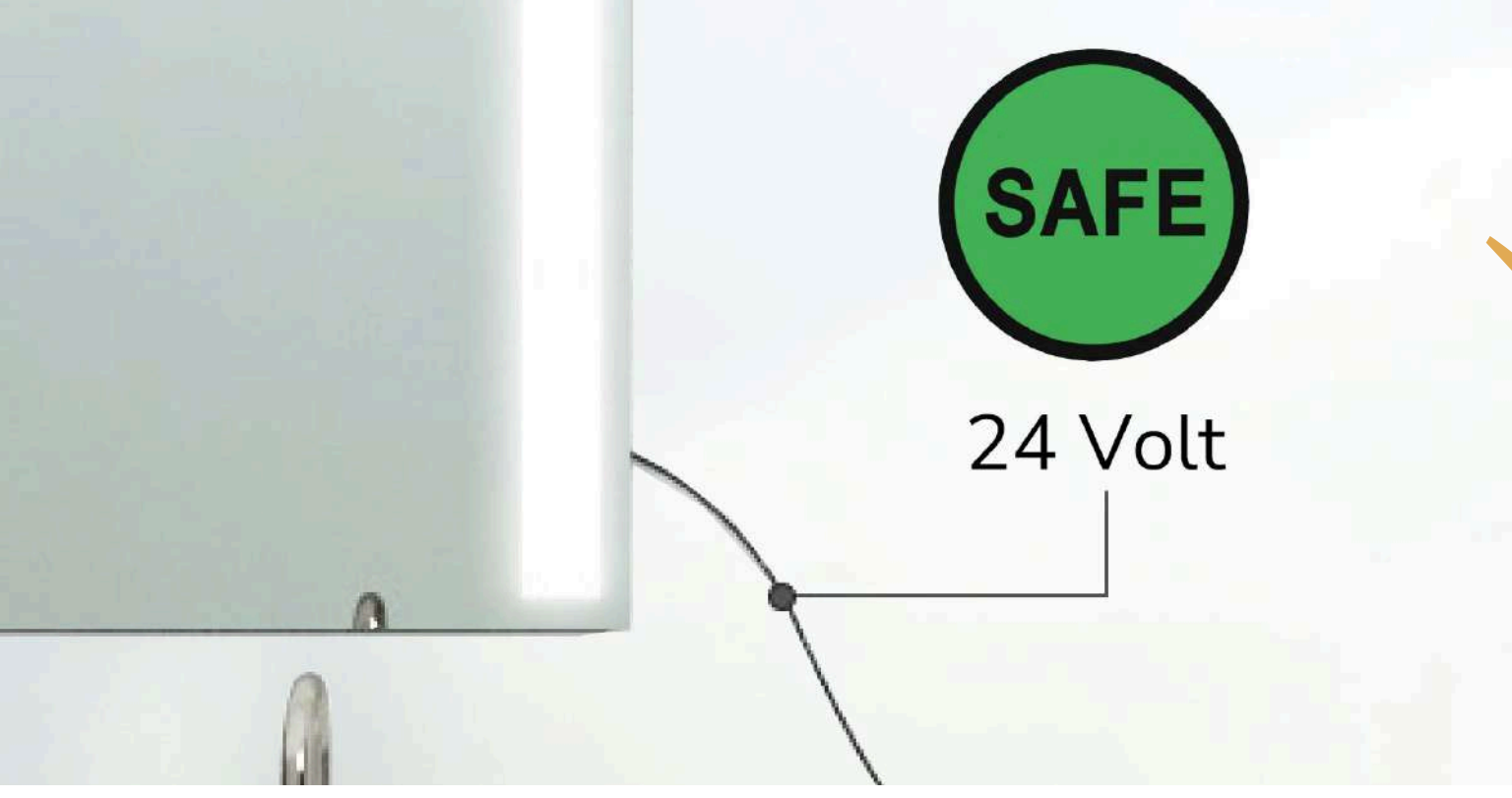
Generic, No-Name LEDs
Unbranded LEDs can lead to inconsistent output and colour shifts over time.



✓ **Ultra-Thin LED Mirror**
LUX features an ultra-slim design measuring just 10mm, delivering a modern, sleek appearance (model dependent).

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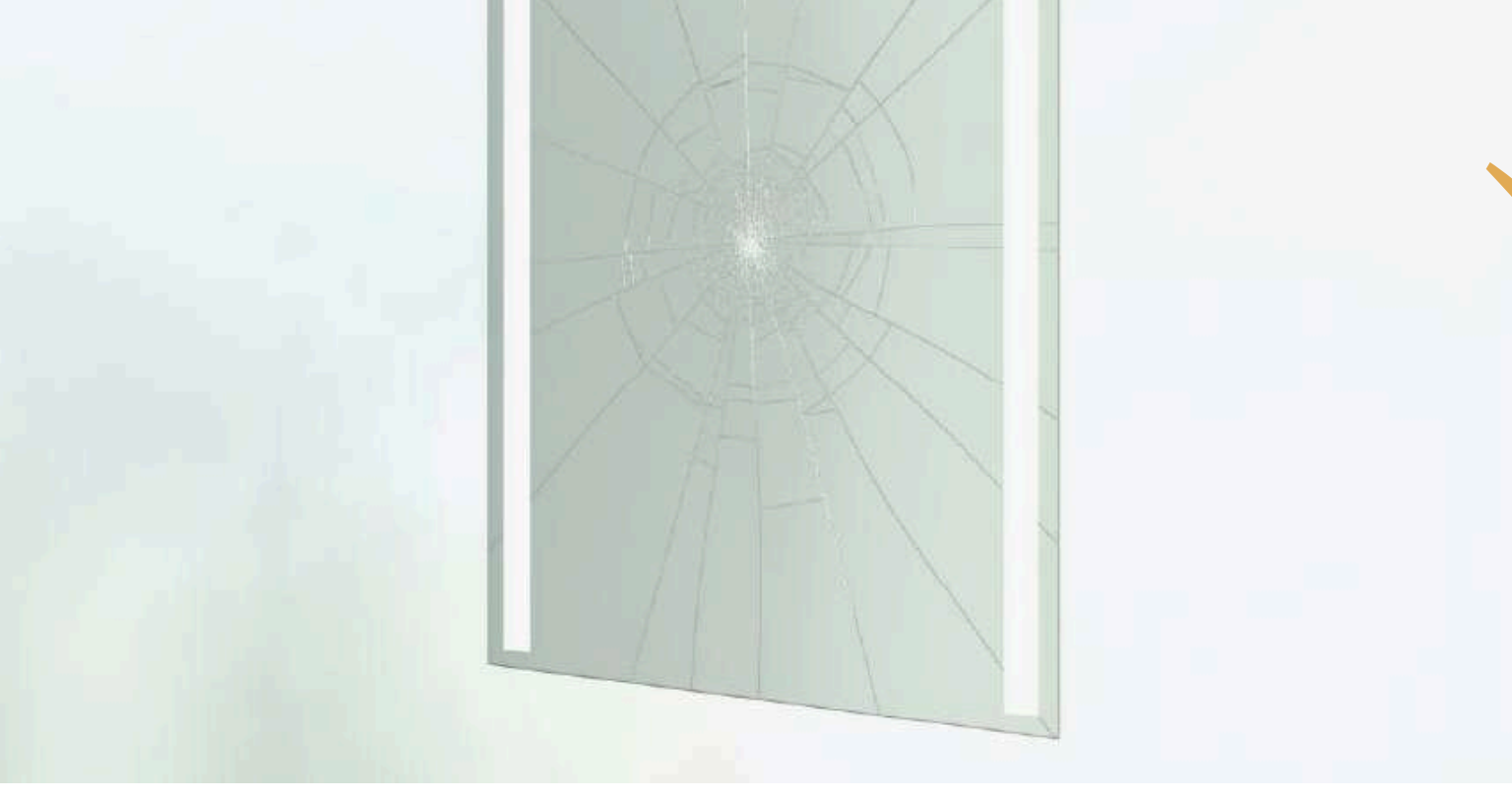
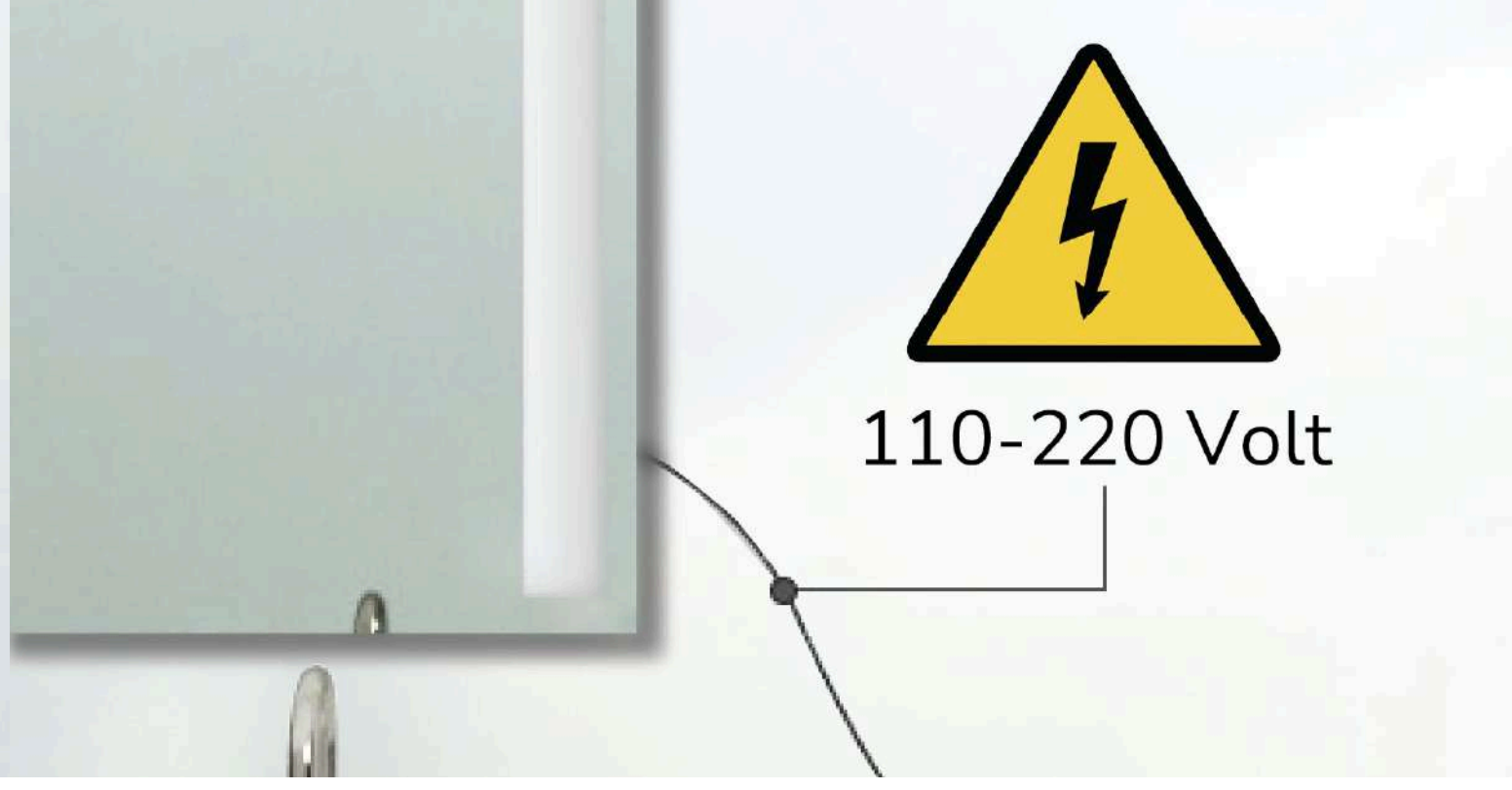
Much Thicker Design
Often based on outdated lighting technologies, such as fluorescent systems, resulting in mirrors up to 30-50mm thick, wasting space and compromising a modern bathroom aesthetic.



✓ **Safe Low-Voltage System**
Powered by a secure 24-volt system for enhanced safety and reliability.

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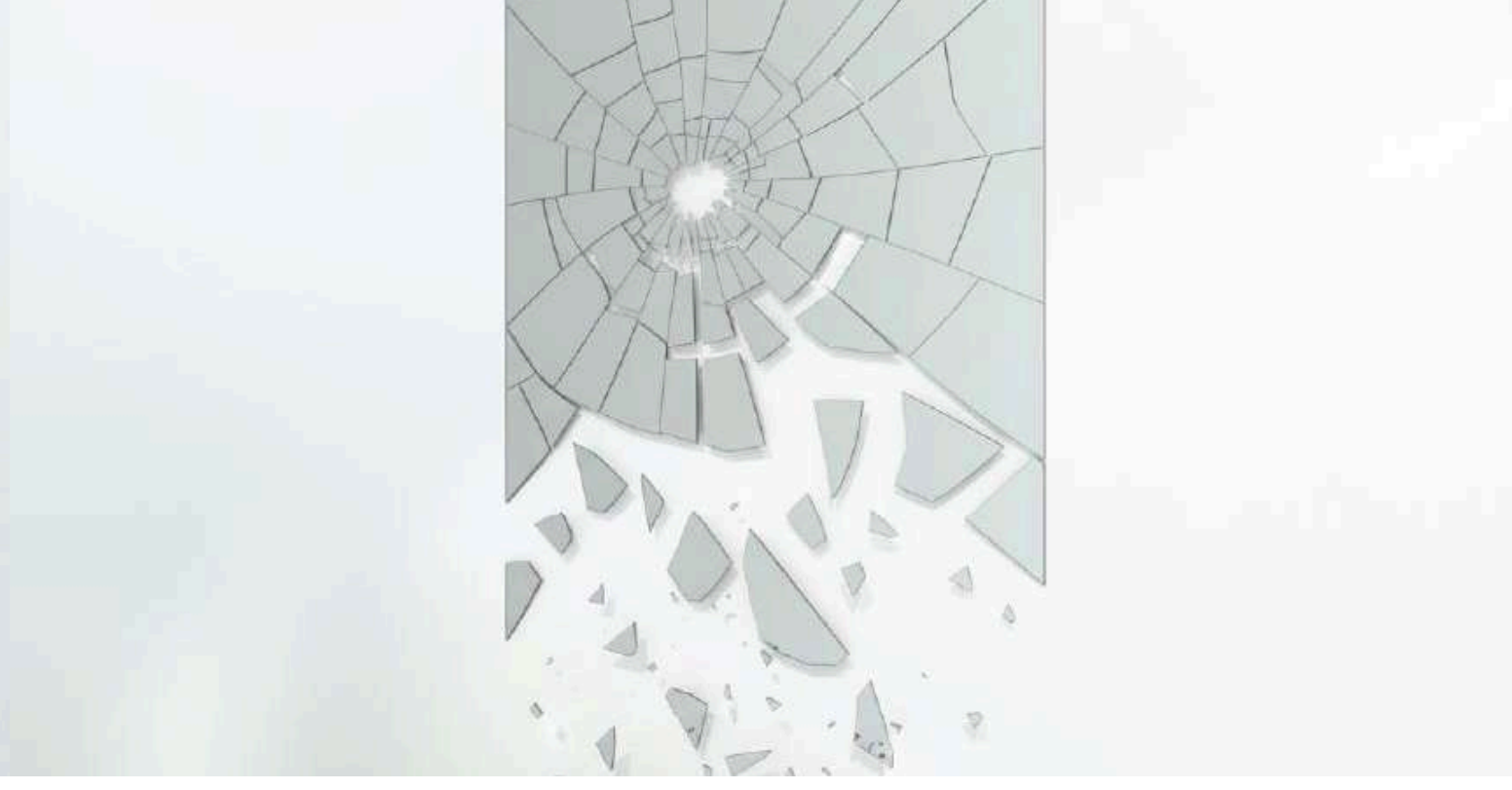
High-Voltage Risk
Uses 110–220V systems directly connected to the rear of the mirror, increasing risk in wet environments and potential conflicts with local electrical regulations.



✓ **Durable & Secure**
Reinforced safety backing secures the mirror in the event of breakage and protects the silver coating on the rear of the mirror.

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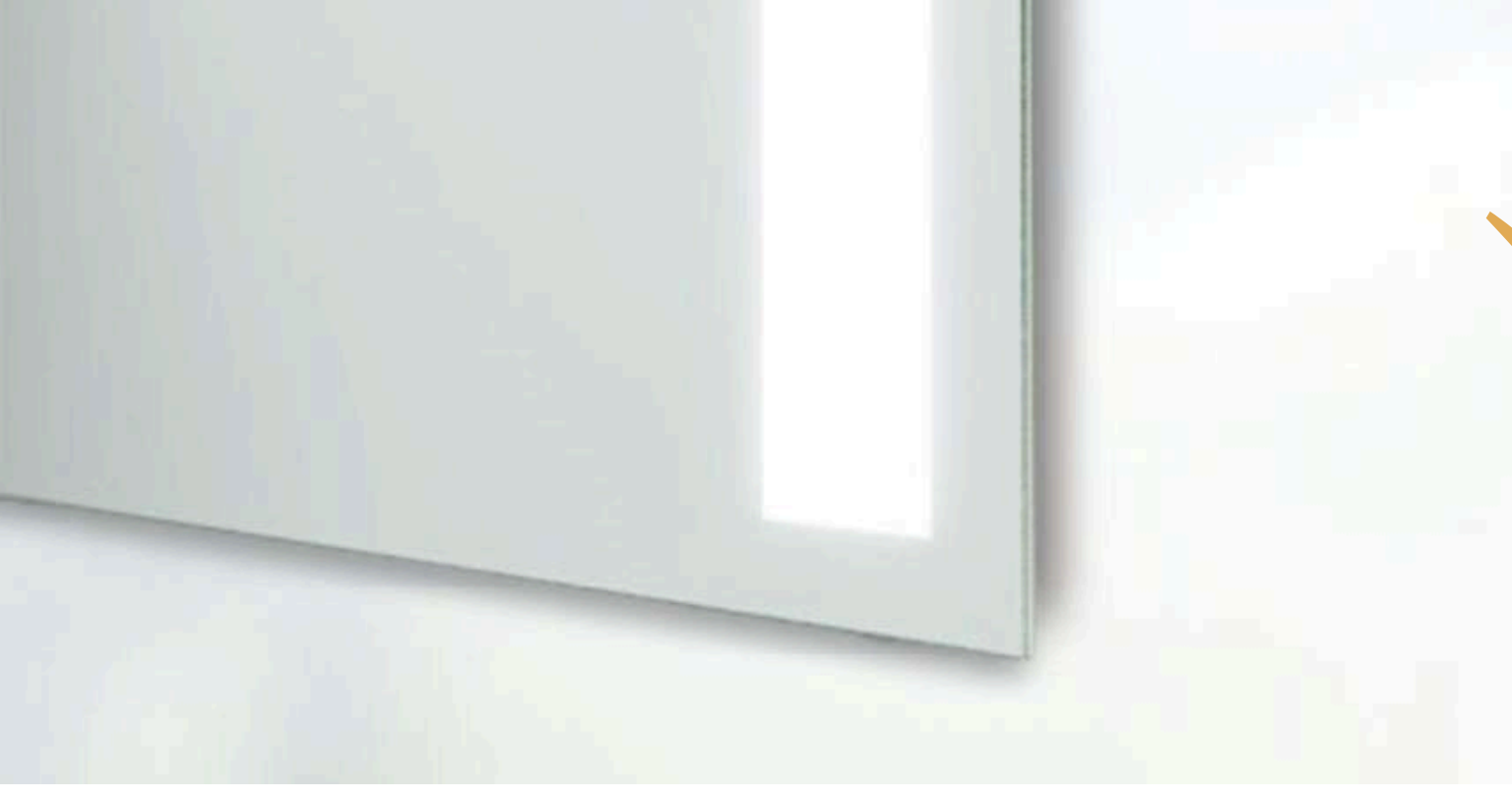
Unprotected & Unsafe
Without a safety backing, broken mirrors can scatter sharp fragments, creating hazardous conditions. The exposed mirror coating is also vulnerable to damage and deterioration over time.



✓ **Secure Wall-Mounted Installation**
Engineered for strong, stable, and long-lasting wall mounting using professional-grade fixings.

VS

2- or 4-Point Mounting
Limited mounting points make installation more difficult and may not provide sufficient strength or stability, particularly for larger mirrors.



✓ **High-Quality Mirror Glass**
Corrosion-resistant mirror glass with a bright, clear reflection and no green edges — even after years of use.

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Regular Mirror Glass
Mirror glass quality varies widely. Lower-grade glass is prone to deterioration, has green-tinted edges, and offers reduced clarity.



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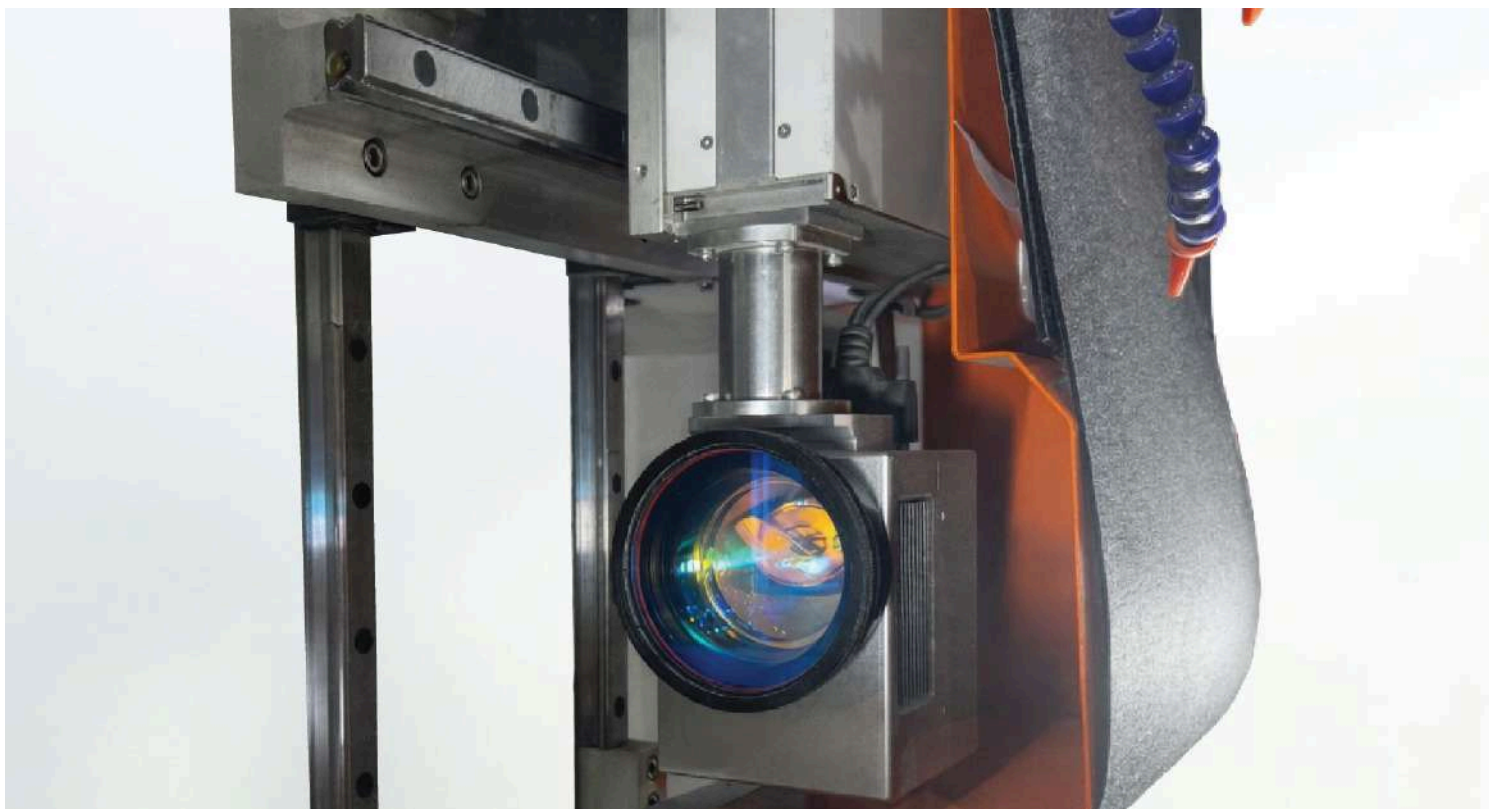
Other Mirrors



✓ **Computerised Glass Cutting**
Glass is cut with extreme precision using computerised machinery, allowing for exact dimensions in any size, shape, or form.

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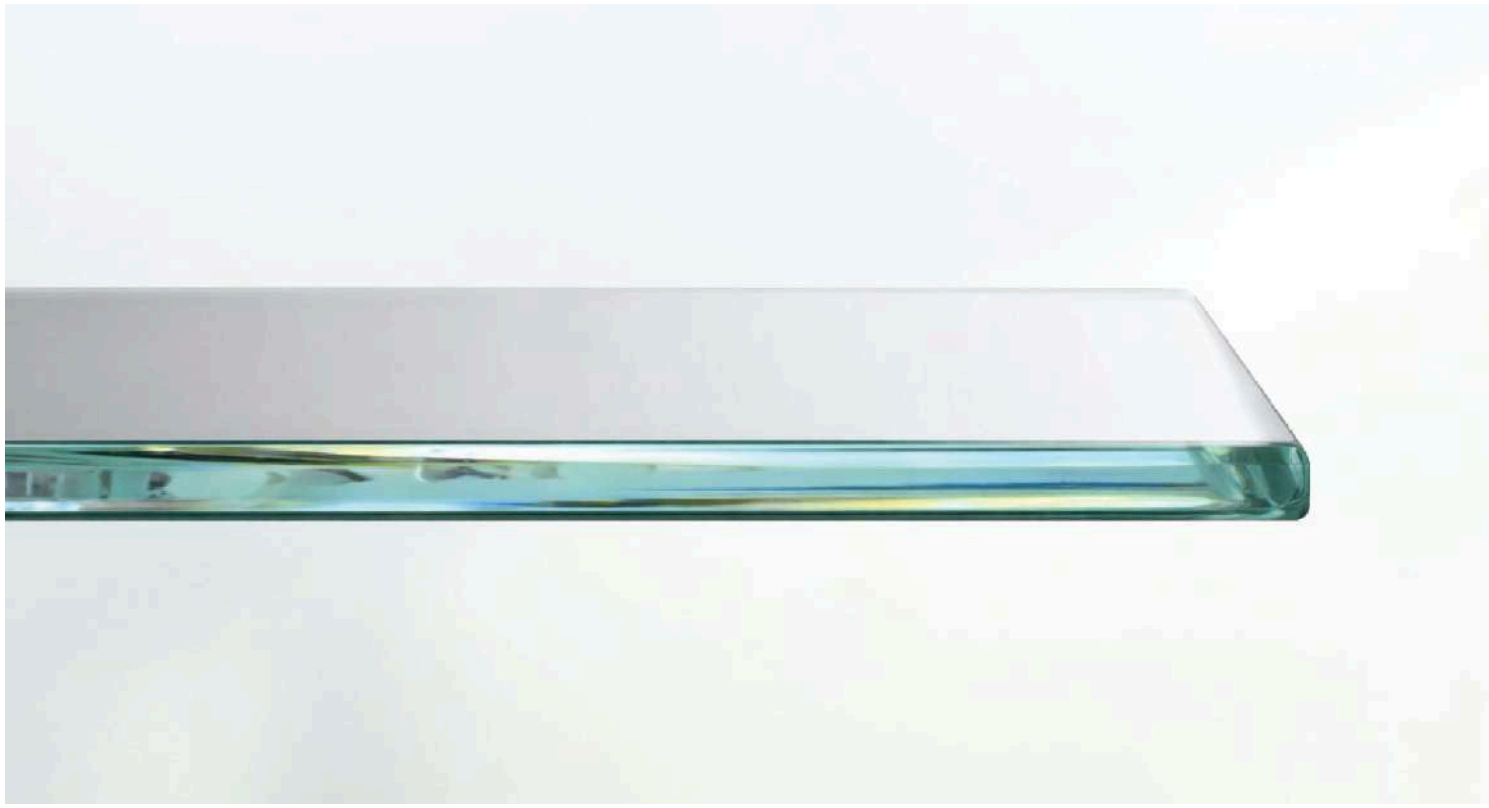
Manual Cutting
Manual cutting results in larger tolerances than necessary, reducing precision and consistency.



✓ **Laser-Etched Light Panels**
Laser-etched panels provide a smooth surface, precise edges, higher light efficiency, and even illumination.

VS

Sand-Blasted Light Panels
Sand blasting is less precise, can create uneven and rough surfaces, and leaves edges that may trap moisture, accelerating deterioration and corrosion.



✓ **Diamond-Polished Edges**
All edges are polished to a diamond-like finish for a refined appearance, easier cleaning, and reduced risk of chipping.

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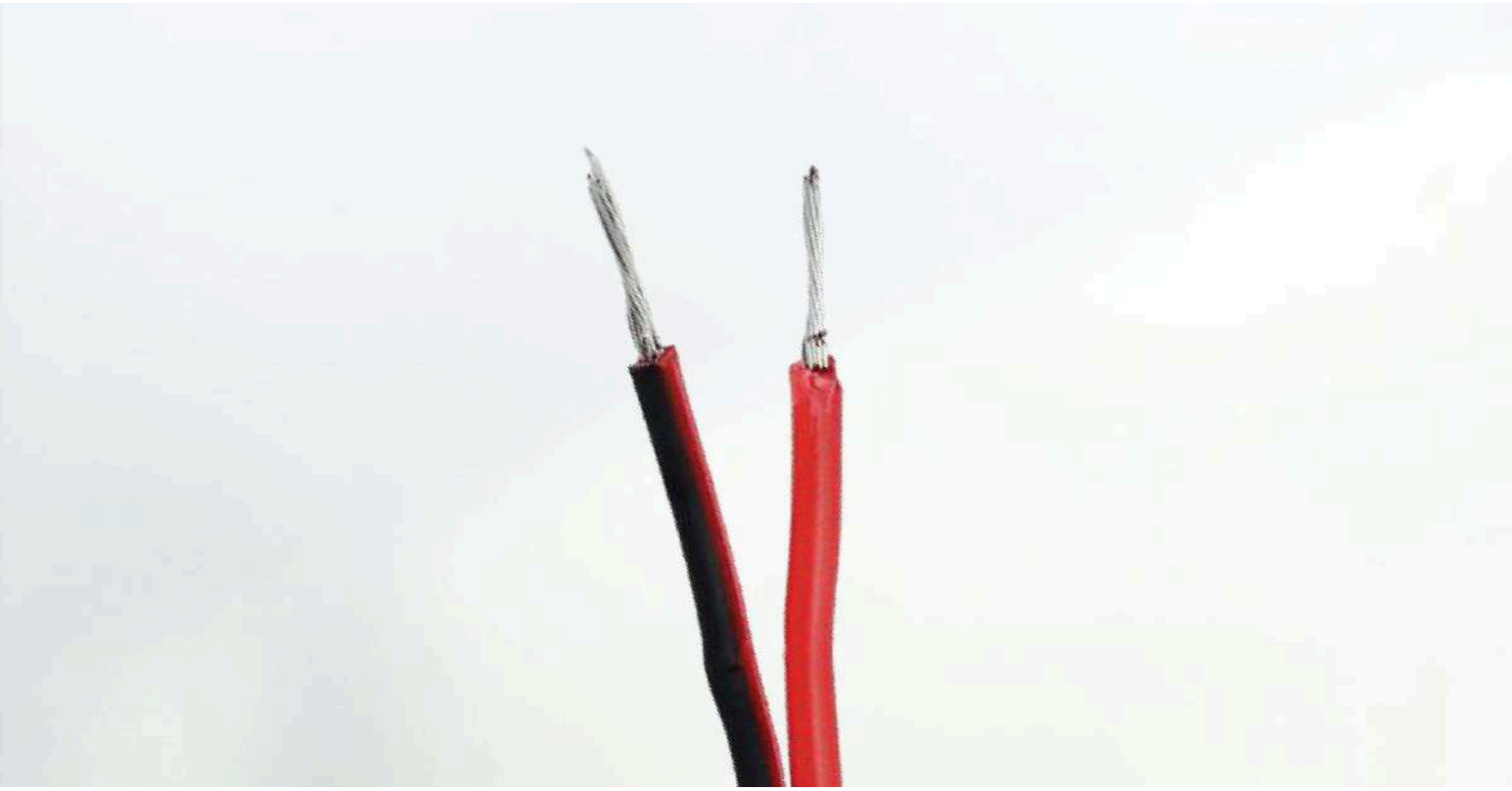
Standard Ground Edges
Standard grinding is a common and fast process, but it produces matte, non-transparent edges that are harder to clean and give the mirror a less refined appearance.



✓ **UL-Certified Wiring & Connectors**
All internal wiring and connectors are UL certified, ensuring safety, reliability, and consistent performance in humid environments.

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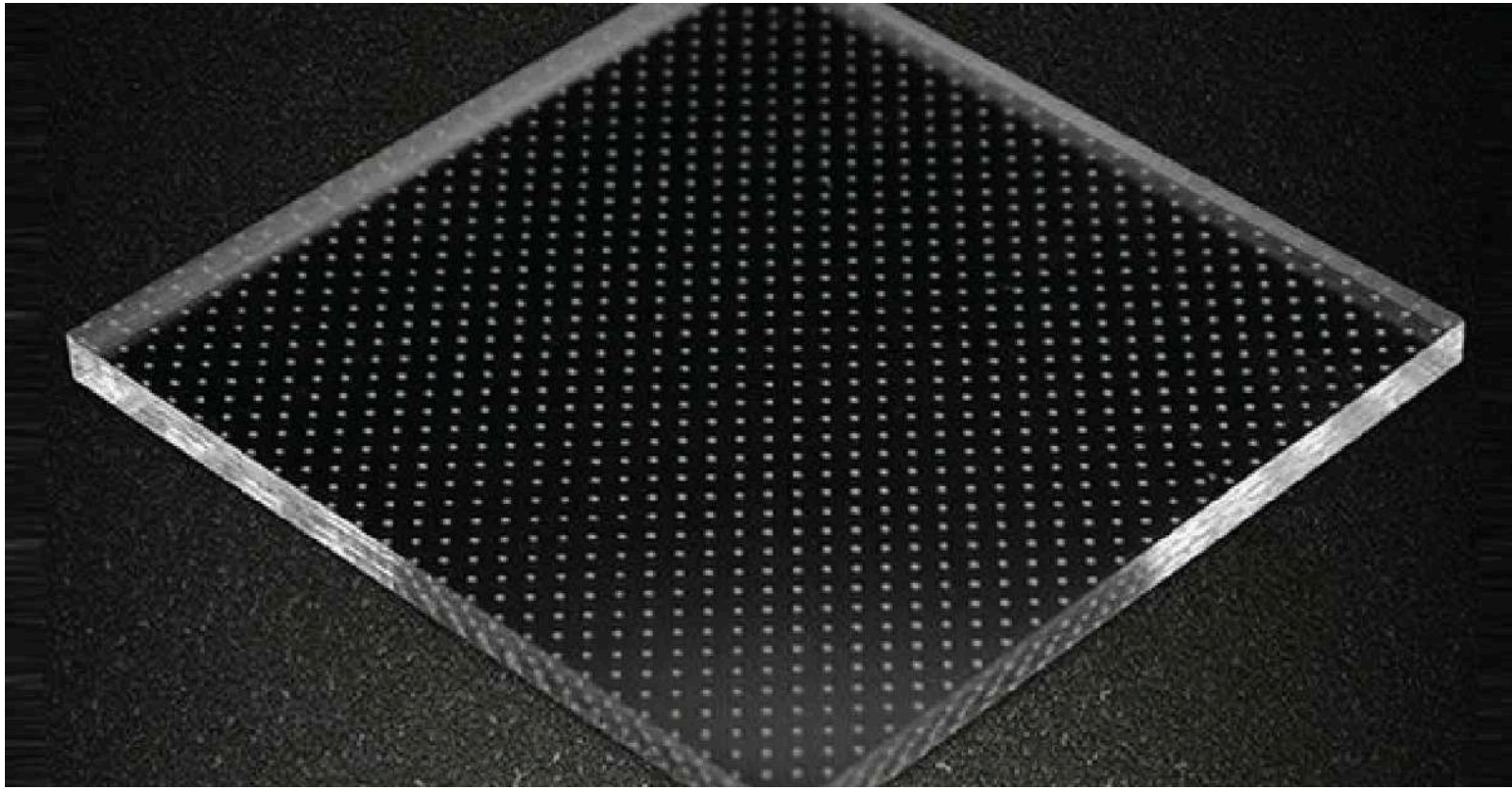
Non-Certified Wiring & Connectors
Wiring and connectors are critical to product longevity. Non-certified components can be unreliable over time and may lead to performance issues.



✓ **Rock-Solid Power Supply**
Premium Mean Well power supplies deliver exceptional reliability, IP67 waterproof protection, UL compatibility, and easy servicing, with options for DALI, TRIAC, and constant voltage systems.

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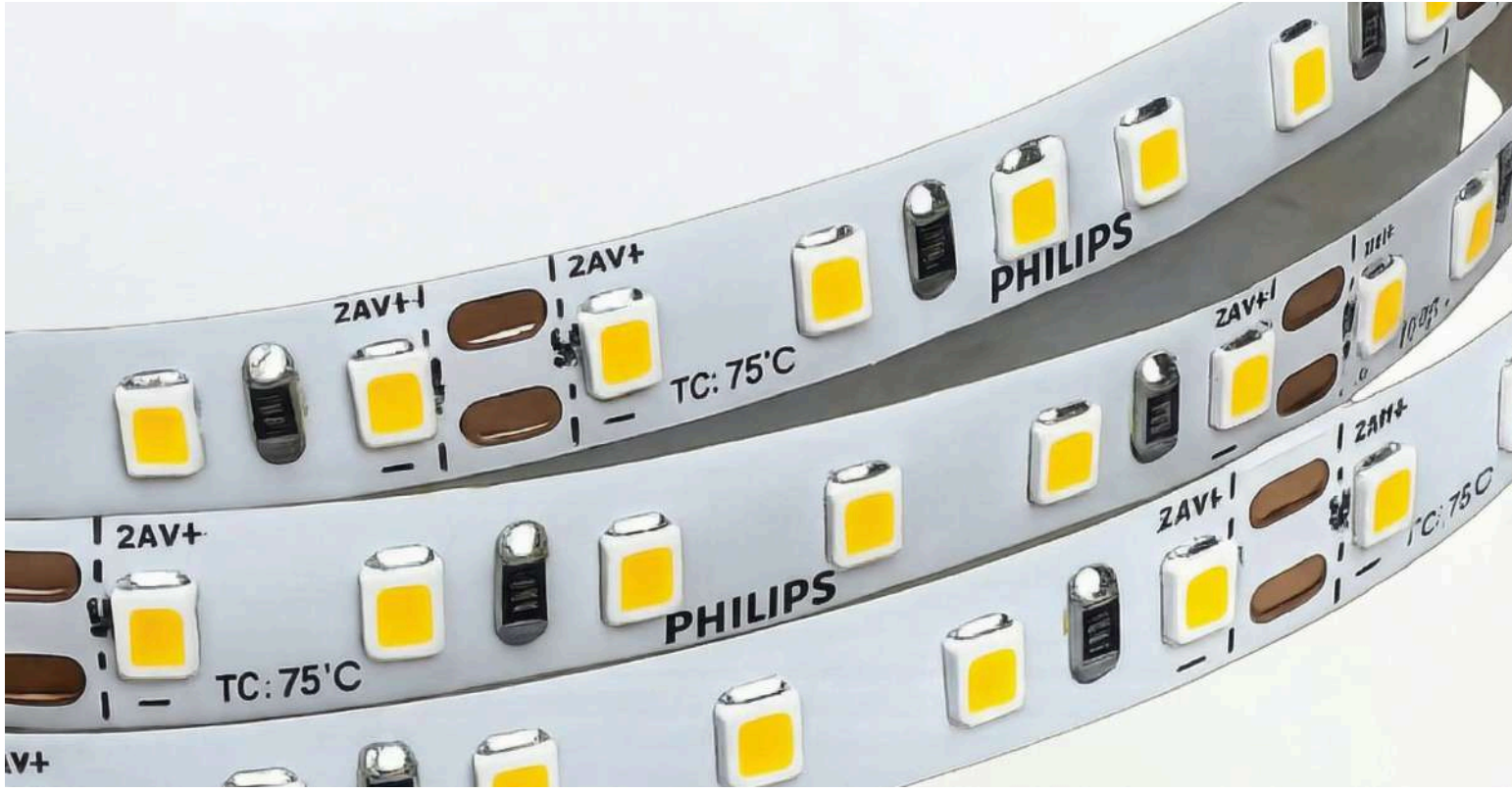
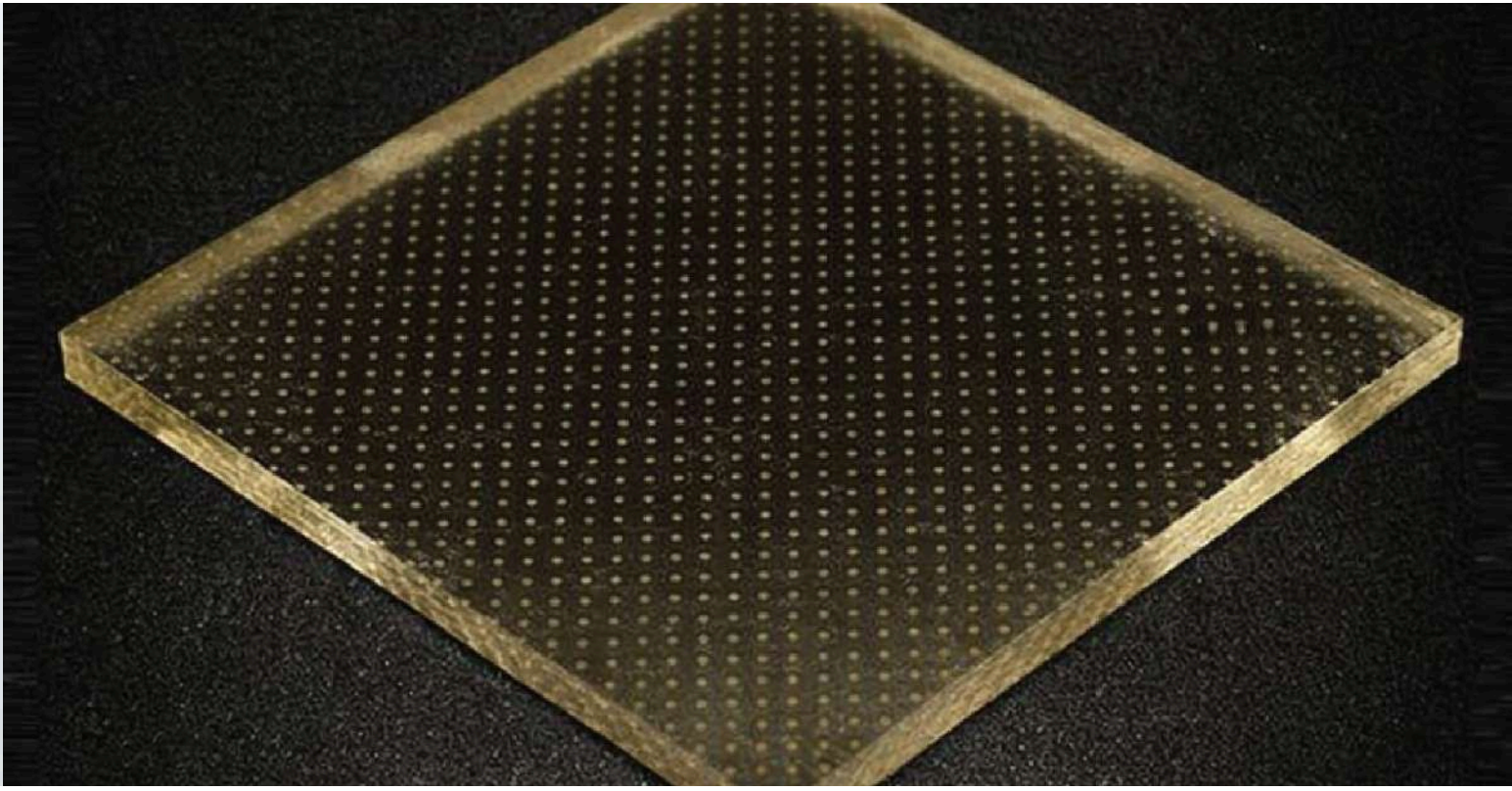
Non-Waterproof, Mirror-Mounted Power Supply
Power supplies are not waterproof and are mounted directly to the back of the mirror. Heat build-up may cause deterioration and reduce lifespan over time.



✓ **Japanese-Manufactured Acrylic Light Boards**
Made from premium Japanese optical acrylic for maximum transparency, durability, and long-term clarity without yellowing.

VS

Standard Light Boards
Conventional light boards offer lower clarity and transparency and may yellow over time.



✓ **SMD LED Technology**
Grand Mirrors exclusively uses SMD LEDs for higher efficiency and brightness.
• SMD LED: 110 lm/W
• COB LED: 70 lm/W
This results in brighter illumination with significantly lower energy consumption.

VS

COB LEDs
COB LEDs are often used to conceal LED points without specially designed housings. However, they deliver 30–40% less light output per watt compared to SMD LEDs.



✓ **Ongoing Product Testing**
All parts and components are regularly tested in extreme climate simulation chambers to identify potential issues. This ensures Grand Mirrors are reliable not only for residential bathrooms, but also suitable for demanding environments such as hospitality, marine, and aerospace applications.

VS

Unknown Testing Procedures
Mirrors are typically expected to last 10–20 years. Thorough and transparent testing is therefore essential to support such performance expectations and product claims.

