



Balmoral Lighted Mirror

The Balmoral Lighted Mirror is a premium illuminated mirror designed for hotel bathroom applications, delivering both front task lighting and a distinctive rear ambient wall glow. Engineered to meet the demands of the hospitality sector, it combines refined aesthetics with robust technical compliance, making it an ideal specification choice for designers and procurement teams.



Mirror Construction

The Balmoral mirror is built to the highest standards of material quality and environmental compliance, ensuring long-term performance in demanding bathroom environments. Every element of the mirror construction has been carefully selected to withstand the challenges of high-humidity hotel bathrooms while meeting current UK and European regulatory requirements.

Copper-Free Glass

Corrosion-resistant, copper-free mirror glass for superior longevity in humid conditions.

Lead-Free Compliant

Fully lead-free and environmentally compliant, meeting current sustainability standards.

Safety Backed

Safety-backed in accordance with **BS EN 1036-1**, protecting against glass fragmentation.

Humidity Rated

Specifically suitable for high-humidity bathroom environments as found in hotel settings.

Lighting Performance

The Balmoral features integrated LED illumination delivering both front-facing task lighting and a perimeter back glow for ambient effect. The system is engineered for even, diffused light output with no visible LED spotting — a critical quality marker for premium hospitality interiors. With a Colour Rendering Index of **≥90 CRI**, colours and skin tones are rendered accurately and naturally, essential for grooming tasks in hotel bathrooms.

Colour Temperature Range

Available from **2700K to 5000K**, with 3000K supplied as standard — a warm, flattering tone ideal for hospitality environments.

LED Lifespan & Dimming

Typical LED life exceeds **50,000 hours (L70)**, minimising maintenance requirements. Dimmable functionality is available subject to driver specification, offering flexible ambience control.

Electrical Specification

The Balmoral Lighted Mirror is fully compliant with UK electrical standards, making it straightforward to specify with confidence for hotel projects. The mirror operates on a standard **220–240V AC, 50Hz** supply and connects via a hardwired rear-access connection, ensuring a clean, concealed installation finish appropriate for high-end interiors.

IP Rating

Minimum **IP44** rating, confirming suitability for bathroom Zones 2 & 3 as defined under UK regulations.

Wiring Compliance

Fully compliant with **BS 7671 (IET Wiring Regulations)**, the definitive UK standard for electrical installations.

Certification

CE / UKCA marked, confirming conformity with applicable UK and European product safety directives.

Class Configuration

Available as **Class I or Class II** subject to project configuration requirements.

Controls & Options

The Balmoral is supplied as standard with a simple on/off wall switch operation (switch supplied by others), providing a reliable and cost-effective solution for straightforward hotel bathroom installations. For projects requiring enhanced functionality, a range of optional upgrades is available, allowing the mirror to be tailored precisely to the needs of each scheme.



Touch Dimming / CCT Tuning

Integrated touch control for brightness adjustment and colour temperature tuning, enabling guests to personalise their lighting experience.



Motion Sensor Night Light

Passive infrared motion sensor activates a low-level night light, improving safety and guest comfort during night-time use.



Demister Pad

Heated demister pad prevents mirror fogging after showering, maintaining a clear reflection at all times.



Clock or Audio

Optional integrated clock display or audio functionality for an enhanced in-room guest experience.

Installation

The Balmoral Lighted Mirror is wall-mounted using a supplied bracket system, designed for secure and straightforward fixing to standard wall constructions. Installation must be carried out by a qualified electrician to ensure safe and compliant connection to the mains supply. All installations must fully comply with **BS 7671 bathroom zoning regulations**, which govern the placement and specification of electrical equipment within bathroom environments.

The mirror orientation is fixed as manufactured and cannot be altered on site, so it is essential that the correct orientation is confirmed at the point of order. Rear-access hardwiring ensures a clean, flush finish with no exposed cabling, maintaining the premium aesthetic expected in hotel bathroom environments.



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