



FUSION™

PRODUCT DESCRIPTION

Fusion™ offers the perfect blend of clean, strong lines and efficient, natural-looking LED lighting, creating a distinctly modern statement of prestige in your bathroom.

SPECIFICATION STATEMENT

Solution shall consist of a lighted mirror with forward-facing task lighting and 480-hour CASS-tested, lead-free, copper-free, corrosion-resistant glass. Mirror shall have uniform light output in frosted areas using high-density (54 LEDs/foot) replaceable LED strips with 90+ CRI (Color Rendering Index) and delivering 1,280 initial lumens/foot with an efficacy of 140 lumens/watt. Product will be made in America with U.S. and global components and have a 7-year limited warranty.

LIGHTING FEATURES AND BENEFITS

- Industry-leading lumen output for better lighting
- Superior color rendering (CRI) for more natural, flattering, and softer light quality
- High-density linear LED design for even light distribution
- High-efficiency LEDs for best-in-class energy savings
- Forward-facing task lighting for ideal makeup application and grooming
- Phase/triac dimming technology

GENERAL FEATURES AND BENEFITS

- OmegaMirror™ corrosion-resistant, 480-hour CASS-tested proprietary mirror glass
- Environmentally-leading, lead-free, copper-free mirror glass composition
- Fast lead times
- Easy installation
- ADA compliant
- Title 24 compliant
- JA8-2022 compliant
- 7-year limited warranty
- Patent: www.electricmirror.com/patents
- Made in America with U.S. and global components

AVAILABLE OPTIONS

- [Ava™ touch-tunable white + dimming technology](#)¹
- Defogger
- Custom sizes

DEFAULT LIGHTING SPECIFICATIONS

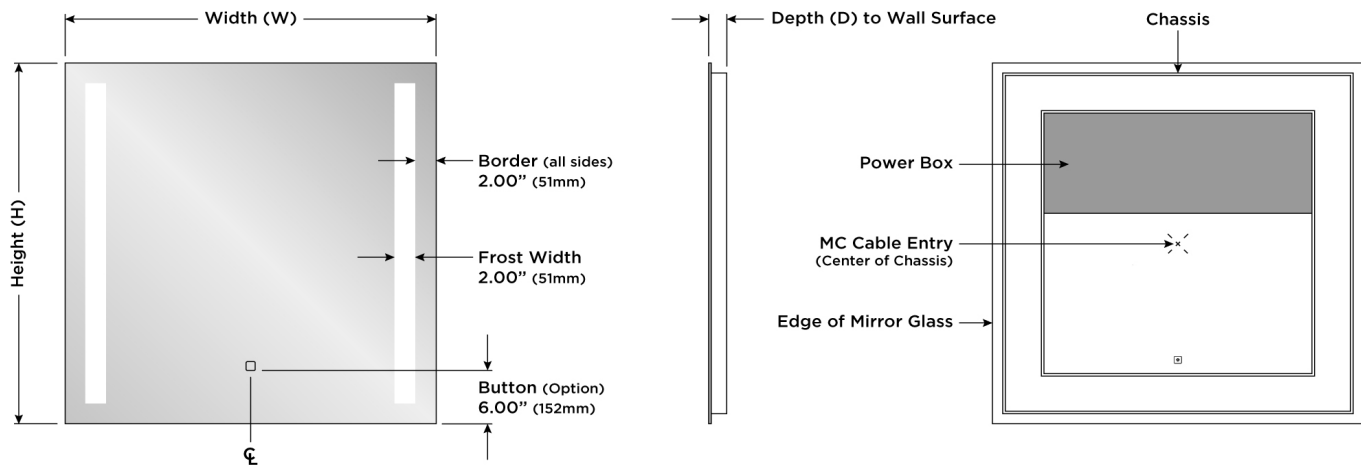
- Best-in-class illumination: 1,280 initial lumens/foot
- Superior color rendering: 90+ CRI
- High-density design: 54 LEDs/foot
- High efficacy: 140 lumens/watt
- Color temperature (CCT): 3,000K
- LED L₇₀ Lifespan (calculated): 52,000-hours
- Extended longevity: replaceable LEDs

¹ See technology specification sheets for more details.

THE ELECTRIC MIRROR ADVANTAGE

- ✓ Global mirror technology leader for over 25 years
- ✓ More installations than all competitors combined
- ✓ Realistic warranty you can believe in and trust
- ✓ Lowest total cost of ownership
- ✓ U.S.-based customer service support
- ✓ 125,000-square-foot American manufacturing facility

DIMENSIONAL DRAWING (Not to scale.)



STANDARD MODELS

Model Numbers ¹	Model Type	Dimensions ²	Initial Lumens/Fixture ³	LED Power Requirements ³
FUS-2428	Standard	24" W x 28" H x 1.75" D	7,254	120-277VAC, 56W
FUS-2428-AK	With Ava™	(610mm W x 711mm H x 44mm D)	3,973 (with Ava™)	120 or 277VAC, 45W
FUS-2436	Standard	24" W x 36" H x 1.75" D	8,961	120-277VAC, 69W
FUS-2436-AK	With Ava™	(610mm W x 914mm H x 44mm D)	4,907 (with Ava™)	120 or 277VAC, 56W
FUS-3636	Standard	36" W x 36" H x 1.75" D	8,961	120-277VAC, 69W
FUS-3636-AK	With Ava™	(914mm W x 914mm H x 44mm D)	4,907 (with Ava™)	120 or 277VAC, 56W
FUS-4836	Standard	48" W x 36" H x 1.75" D	8,961	120-277VAC, 69W
FUS-4836-AK	With Ava™	(1,219mm W x 914mm H x 44mm D)	4,907 (with Ava™)	120 or 277VAC, 56W
FUS-6036	Standard	60" W x 36" H x 1.75" D	8,961	120-277VAC, 69W
FUS-6036-AK	With Ava™	(1,524mm W x 914mm H x 44mm D)	4,907 (with Ava™)	120 or 277VAC, 56W

SAFETY & INSTALLATION SPECIFICATIONS (for Standard Models)

- Entire assembly meets UL/cUL standards
- International certifications
- Safety-backed mirror
- 120-277VAC hardwire electrical connection; provide 36" whip; junction box not required
- Chassis should be mounted to wall studs; mounting holes are provided
- Base model controlled by forward-phase dimming wall switch (by others)
- Ava™ model controlled by capacitive touch button on fixture or non-dimming on/off wall switch (by others)
- Installation wiring may be different on mirrors equipped with additional options
- Fixture can only be hung in the WxH orientation as shown; fixture is not field-interchangeable

¹ Standard model numbers shown. For assistance specifying additional options, please contact Electric Mirror.

² Tolerances for dimensions are ±1/8" (±3mm).

³ Lumen output and power requirements are calculated based on component specifications and may vary from actual.