

REFLECTION™ LIGHTED VANITY MIRROR
COMMERCIAL PRODUCT SPECIFIER

REF2.3 - MU11 - S - T - L - V - C

MODEL CODE FINISH SIZE TECHNOLOGY OPTIONS LED TYPE VOLTAGE COLOR TEMP

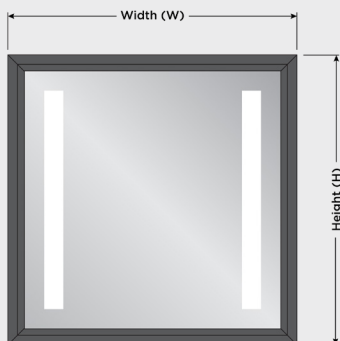
ADDITIONAL NOTES ¹

S SIZE

In box S, enter the code for the size of the mirror with the frame.

Example: 48.00X36.00

Size (WxH)	Code
Standard Sizes	
29" x 41"	29.00X41.00
41" x 41"	41.00X41.00
53" x 41"	53.00X41.00
65" x 41"	65.00X41.00
Custom ²	WW.WWXXHH.HH

**T TECHNOLOGY OPTIONS**

In box T, enter the codes for each option with a hyphen between each one.

Example: AK-CC2-CK2-DF

Technology Options	Code
Ava™ Touch-Tunable White + Dimming Technology ^{2, 3, 4}	
▪ 1-Touch, 5 CCT Modes + Dimming	AH
▪ 1-Touch, 5 CCT Modes + Dim-to-Off + Memory	AK
Wiring (Hardwire Standard—No Code Needed)	
▪ 135° Offset Grounded Cord+Right-Angle Plug ⁵	CC2
Seamless™ LED Clock Technology ^{2, 3}	
▪ Hardwired, Switched with Lights	CK2
Dimming Technology ⁴	
▪ 0-10V Dimming (120-277VAC)	D1
▪ Forward-Phase/Triac Dimming (120-277VAC)	D2
▪ Dali Dimming (120-277VAC)	D4
Defogger ⁵	
▪ Standard Defogger	DF
Keen™ One-Touch Energy-Saving Technology ^{2, 3, 4}	
▪ 1-Touch, 5-Step Dimming, Off	KC

☐ Indicates Standard Configuration

¹ Use the additional notes field to specify options not listed.

² Minimum order quantity required.

³ See technology specification sheets for more details.

⁴ Ava™ and Keen™ are not compatible with other dimming options.

⁵ May not be compatible with all upgrades and options.

L LED TYPE

In box L, enter the code for the LED type.

Example: LSE

LED Type	Code
Standard Output (853 lumens/ft; 6.72 watts/ft)	LSE
High Output ⁵ (1,280 lumens/ft; 9.72 watts/ft)	LHE

V VOLTAGE

In box V, enter the code for the voltage (code N/A for 120VAC).

Example: 230V

Voltage	Code
120VAC (Standard—Leave Code Blank)	
220—240VAC	230V
277VAC ⁵	277V

C COLOR TEMPERATURE

In box C, enter the code for the correlated color temperature.

Example: 30K

CCT (90+ CRI)	Code
2,700K (90+ CRI)	27K
3,000K (90+ CRI)	30K
3,500K (90+ CRI)	35K
4,000K (90+ CRI)	40K
5,000K (90+ CRI)	50K





REFLECTION™

PRODUCT DESCRIPTION

Two beautiful frosted bands of luminescent LED lights are surrounded by a stylishly contemporary frame, creating a sublime look. Reflection™ adds a distinct statement of prestige to your bedroom or bathroom.

SPECIFICATION STATEMENT

Solution shall consist of a framed 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 (44 LEDs/foot) replaceable LED strips with 90+ CRI (Color Rendering Index) and delivering 853 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 10-year limited warranty.

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

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

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
- JA8-2022 compliant
- 10-year limited warranty
- Patent: www.electricmirror.com/patents
- Made in America with U.S. and global components

AVAILABLE OPTIONS

- Title 24 compliance ¹
- Ava™ touch-tunable white + dimming technology ^{2, 3}
- Keen™ one-touch energy-saving dimming technology ^{2, 3}
- Polaris™ wire-free motion sensor nightlight technology ^{2, 3}
- Seamless™ LED clock technology ^{2, 3}
- Vive™ streaming audio technology ^{2, 3}
- Defogger ⁴
- CCT: 2,700K / 3,000K / 3,500K / 4,000K / 5,000K
- 0-10V, phase/triac, or Dali dimming
- 120VAC, 220–240VAC, or 277VAC power ⁴
- Custom sizes ²
- Custom frames ²

STANDARD FRAME & FINISH

- Urban frame profile in Ebony finish (MU-11)
- Other finishes available ²

DEFAULT LIGHTING SPECIFICATIONS

- Best-in-class illumination: 853 initial lumens/foot
- Superior color rendering: 90+ CRI
- High-density design: 44 LEDs/foot
- High efficacy: 140 lumens/watt
- Color temperature (CCT): 3,000K
- LED L₇₀ Lifespan (calculated): 52,000-hours
- Extended longevity: replaceable LEDs

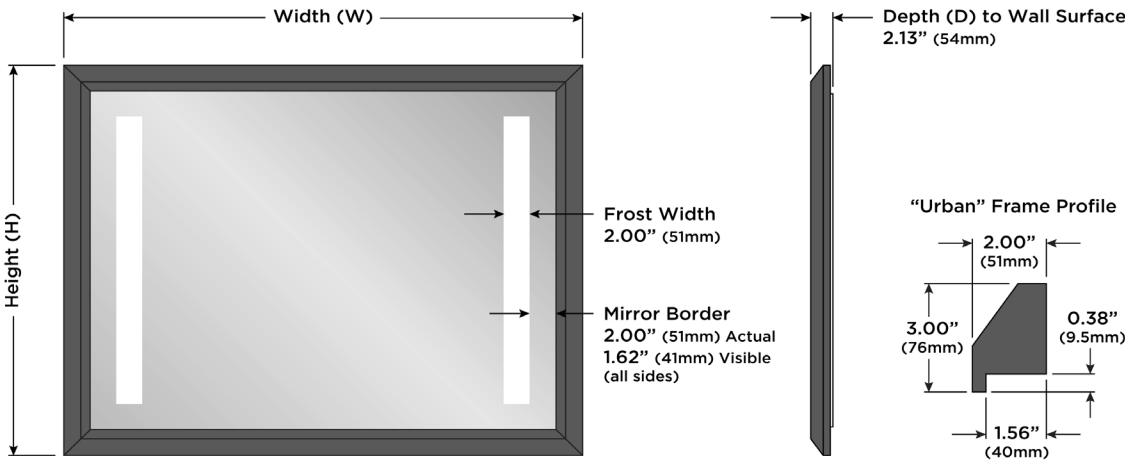
¹ Title 24 compliance requires 0-10V or forward-phase/triac dimming.

² Minimum order quantity required.

³ See technology specification sheets for more details.

⁴ May not be compatible with all upgrades and options.

DIMENSIONAL DRAWING (Not to scale.)



STANDARD MODELS

Model Numbers ¹	Dimensions ²	Initial Lumens/Fixture ³	LED Power Requirements ³
REF2.3-MU11-29.00X41.00-LSE-30K	29" W x 41" H x 2.13" D (737mm W x 1,041mm H x 54mm D)	5,974	120-240VAC, 48W
REF2.3-MU11-41.00X41.00-LSE-30K	41" W x 41" H x 2.13" D (1,041mm W x 1,041mm H x 54mm D)	5,974	120-240VAC, 48W
REF2.3-MU11-53.00X41.00-LSE-30K	53" W x 41" H x 2.13" D (1,346mm W x 1,041mm H x 54mm D)	5,974	120-240VAC, 48W
REF2.3-MU11-65.00X41.00-LSE-30K	65" W x 41" H x 2.13" D (1,651mm W x 1,067mm H x 54mm D)	5,974	120-240VAC, 48W

SAFETY & INSTALLATION SPECIFICATIONS (for Standard Models)

- Entire assembly meets UL/cUL standards
- International certifications
- Safety-backed mirror
- 120-240VAC hardwire electrical connection; provide 36" whip; junction box not required
- Chassis should be mounted to wall studs; mounting holes are provided
- Controlled by 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.