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EMKE NLM04B2D-FRVC

EMKE LED Bathroom Mirror Instruction Manual

Model: NLM04B2D-FRVC

Important Safety Information

Please read all instructions carefully before installation and use. Keep this manual for future reference.

WARNING: Flammable Environments

EMKE



Warning: It is strictly prohibited to use or operate electrical equipment in flammable environments or near open flames to prevent fires. Ensure that electrical devices are kept away from combustible materials. If there is a fire hazard, immediately disconnect the power and contact a professional.
WARNUNG: Betreiben Sie elektrische Geräte niemals in der Nähe von brennbaren Materialien. Halten Sie sie fern von entzündlichen Stoffen und prüfen Sie regelmäßig Kabel und Stecker. Bei Brandgefahr sofort den Strom abschalten und Fachmann rufen.
AVERTISSEMENT :L'utilisation d'équipements électriques à proximité des matériaux inflammables ou de flammes est interdite pour éviter les risques d'incendie. Gardez l'équipement éloigné des matériaux combustibles et inspectez régulièrement les câbles et prises. En cas de danger, débranchez immédiatement et contactez un professionnel.
Advertencia: Está estrictamente prohibido usar o operar equipos eléctricos en entornos inflamables o cerca de llamas abiertas para prevenir incendios. Asegúrese de que los dispositivos eléctricos se mantengan alejados de materiales combustibles. Si existe peligro de incendio, desconecte inmediatamente la energía y contacte a un profesional.
Avvertenza: È severamente vietato utilizzare o operare apparecchiature elettriche in ambienti infiammabili o vicino a fiamme libere per prevenire incendi. Assicurarsi che i dispositivi elettrici siano tenuti lontano da materiali combustibili. In caso di pericolo di incendio, scollegare immediatamente l'alimentazione e contattare un professionista.

WARNING

It is strictly prohibited to use or operate electrical equipment in flammable environments or near open flames to prevent fires. Ensure that electrical devices are kept away from combustible materials. If there is a fire hazard, immediately disconnect the power and contact a professional.

WARNING: Electrical Safety

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Warning: Always ensure the power is turned off before touching electrical wires or devices. Operating electrical equipment in a damp environment can result in serious electric shock or short-circuit risks. Use insulated tools and keep children away from electrical equipment.
WARNUNG: Niemals Kabel oder elektrische Geräte in einer feuchten Umgebung oder ohne vorherige Stromabschaltung berühren. Verwenden Sie isolierte Werkzeuge und halten Sie Kinder fern.
AVERTISSEMENT : Ne touchez pas aux fils ou les équipements électriques dans un environnement humide ou sans avoir coupé l'alimentation pour éviter les risques d'électrocution ou de court-circuit. Assurez-vous que l'alimentation est coupée et utilisez des outils isolés avant d'installer ou de maintenir des équipements électriques. Veillez à ce que les enfants restent éloignés des dispositifs électriques.
Advertencia: Siempre asegúrese de que la energía esté apagada antes de tocar cables o dispositivos eléctricos. Operar equipos eléctricos en un ambiente húmedo puede causar graves riesgos de descarga eléctrica o cortocircuito. Utilice herramientas aisladas y mantenga a los niños alejados de los equipos eléctricos.
Avvertenza: Assicurarsi sempre che l'alimentazione sia spenta prima di toccare fili o dispositivi elettrici. Utilizzare apparecchiature elettriche in un ambiente umido può comportare seri rischi di scosse elettriche o cortocircuiti. Utilizzare strumenti isolati e tenere i bambini lontani dalle apparecchiature elettriche.

WARNING

Always ensure the power is turned off before touching electrical wires or devices. Operating electrical equipment in a damp environment can result in serious electric shock or short-circuit risks. Use insulated tools and keep children away from electrical equipment.

WARNING: Fragile Material

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Warning: Ceramic/Glass is fragile and may break or fall. Keep children away from the item and do not let them climb on it. Ensure it is securely installed and verified for safety by professionals to prevent injury.

Warnung: Keramik/Glas sind sehr zerbrechlich und können brechen. Kinder sollten die Gegenstände nicht berühren oder darauf klettern. Stellen Sie sicher, dass sie sicher installiert und von Fachleuten überprüft werden, um Verletzungen zu vermeiden.

AVERTISSEMENT : La céramique/le verre est fragile et présente un risque de casse ou de chute. Ne laissez pas les enfants toucher ou grimper sur l'objet. Veillez à ce qu'il soit solidement installé et vérifié par des professionnels afin de prévenir tout risque d'accident.

Advertencia: La ceramica/il vetro sono fragili e possono rompersi o cadere. Tenere i bambini lontani dall'oggetto e non lasciare che vi si arrampichino. Assicurarsi che sia installato in modo sicuro e verificato da professionisti per evitare lesioni.

Avvertenza: La cerámica/el vidrio son frágiles y pueden romperse o caerse. Mantenga a los niños alejados del objeto y no permita que trepen sobre él. Asegúrese de que esté instalado de manera segura y verificado por profesionales para evitar lesiones.

WARNING

Ceramic/Glass is fragile and may break or fall. Keep children away from the item and do not let them climb on it. Ensure it is securely installed and verified for safety by professionals to prevent injury.

WARNING: Suffocation Hazard

EMKE



Warning: This product contains plastic bags, which pose a suffocation risk if children play with them. Please ensure proper disposal and recycling.
Warnung: Dieses Produkt enthält Plastiktüten, die beim Spielen von Kindern ein Erstickungsrisiko darstellen können. Bitte entsorgen und recyceln Sie diese ordnungsgemäß.
Avertissement : Ce produit contient des sacs en plastique, qui présentent un risque d'étouffement pour les enfants. Éliminez et recyclez-les correctement.
Advertencia: Este producto contiene bolsas de plástico, que suponen un riesgo de asfixia si los niños juegan con ellas. Asegúrese de desecharlas y reciclarlas adecuadamente.
Avvertenza: Questo prodotto contiene sacchetti di plastica, che possono rappresentare un rischio di soffocamento se i bambini ci giocano. Si prega di smaltirli e riciclarli correttamente.

WARNING

This product contains plastic bags, which pose a suffocation risk if children play with them. Please ensure proper disposal and recycling.

WARNING: Unauthorized Disassembly

EMKE



Warning: Unauthorized disassembly of the equipment is strictly prohibited to avoid electric shock, fire, or other hazards. Maintenance and repairs should be carried out by professionals. Unauthorized disassembly may cause equipment damage or safety risks.
WARNUNG: Das Zerlegen des Geräts ist verboten, um Stromschläge und andere Gefahren zu vermeiden. Wartung und Reparaturen sollten nur durch Fachleute durchgeführt werden. Unbefugte Eingriffe können zu Schäden und Sicherheitsrisiken führen.
AVERTISSEMENT : Le démontage non autorisé de l'équipement est strictement interdit afin d'éviter les risques d'électrocution, d'incendie ou d'autres dangers. L'entretien et les réparations doivent être effectués par des professionnels qualifiés. Toute manipulation non autorisée peut endommager l'équipement ou présenter des risques pour la sécurité, pouvant entraîner des blessures ou des dommages matériels.
Advertencia: Está estrictamente prohibido el desmontaje no autorizado del equipo para evitar riesgos de descarga eléctrica, incendio u otros peligros. El mantenimiento y las reparaciones deben ser realizados por profesionales. El desmontaje no autorizado puede causar daños al equipo o riesgos de seguridad.
Avvertenza: È severamente vietato smontare l'apparecchiatura senza autorizzazione per evitare scosse elettriche, incendi o altri pericoli. La manutenzione e le riparazioni devono essere effettuate da professionisti. Lo smontaggio non autorizzato può causare danni all'apparecchiatura o rischi per la sicurezza.

WARNING

Unauthorized disassembly of the equipment is strictly prohibited to avoid electric shock, fire, or other hazards. Maintenance and repairs should be carried out by professionals.

Product Overview

The EMKE LED Bathroom Mirror is designed to enhance your bathroom with modern lighting and practical features. This backlit mirror can be installed horizontally or vertically to suit your space.



Image: The EMKE LED Bathroom Mirror, showcasing its illuminated design and sleek appearance in a bathroom setting.

Key Features:

- **Versatile Installation:** Can be hung horizontally or vertically (60 x 80 cm or 80 x 60 cm).
- **Dual Color Temperatures:** Offers both warm white (3000K) and cool white (6500K) lighting options.
- **Integrated Rocker Switch:** For convenient control of mirror functions.
- **Independent Anti-Fog Function:** A separate button activates the anti-fog heating element for a clear reflection.
- **IP44 Waterproof Rating:** Ensures safe operation in bathroom environments.
- **Energy Efficient:** Designed for optimal energy consumption.



Image: Examples of the EMKE LED Bathroom Mirror installed in different scenarios, including a vanity, a dressing table, and a hallway, demonstrating its adaptability.

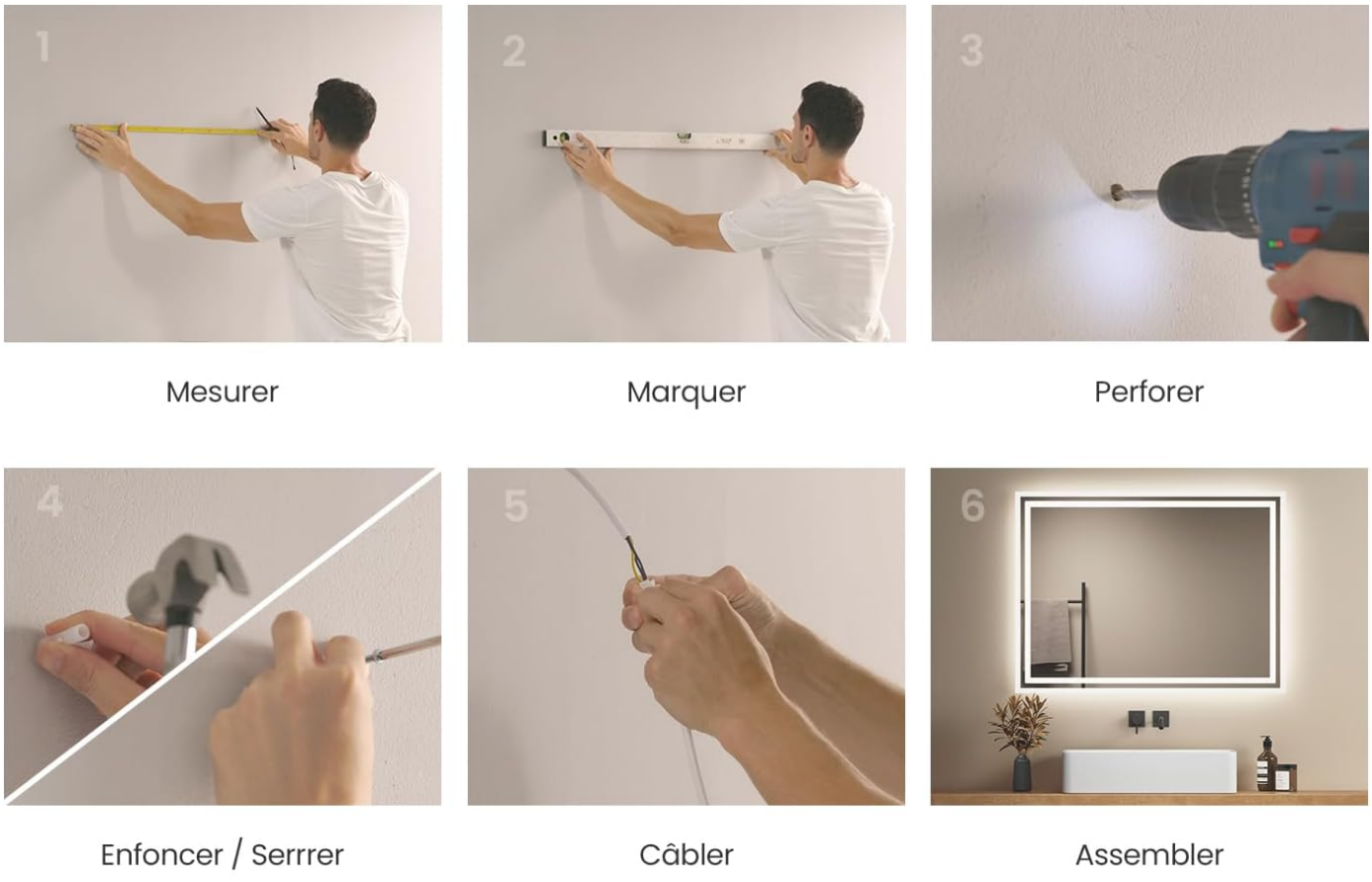
Setup and Installation

The EMKE LED Bathroom Mirror comes with all necessary accessories for installation. Professional installation is recommended for electrical connections.

Installation Steps:

Facile à installer

Avec des accessoires complets et des instructions détaillées



Des étapes simples sans besoin de compétence

Image: A visual guide illustrating the six main steps for installing the mirror: measuring, marking, drilling, securing, wiring, and final assembly.

1. **Measure:** Carefully measure the desired mounting location and height on the wall.
2. **Mark:** Mark the drilling points accurately using a pencil and a level.
3. **Drill:** Drill holes at the marked points suitable for the wall anchors.
4. **Secure:** Insert wall anchors and secure the mounting hardware (screws/brackets) firmly into the wall.
5. **Wire:** Connect the mirror's electrical wiring to your home's electrical system. Ensure power is OFF before performing this step. This step should be performed by a qualified electrician.
6. **Assemble:** Carefully hang the mirror onto the secured mounting hardware.

Ensure the mirror is securely mounted and level before use. Refer to the included detailed instructions for specific hardware and wiring diagrams.

Operating Instructions

The EMKE LED Bathroom Mirror offers intuitive controls for lighting and anti-fog functions.

Light Control:



Image: A detailed view of the rocker switch located on the side of the mirror frame, showing options for warm white (3000K), cool white (6500K), and off positions. Also depicts a hand interacting with a wall switch.

- The mirror features a rocker switch on its side frame to control the lighting.
- **Warm White (3000K):** Move the switch to the designated position for a cozy, warm light.
- **Cool White (6500K):** Move the switch to the designated position for a bright, cool light.
- **Off:** Position the switch to turn off the mirror's lighting.
- **Wall Switch Control:** If you intend to control the mirror's lighting with your home's wall switch, ensure the mirror's rocker switch is set to the "On" position (either warm or cool white) for the wall switch to function. The light intensity is not adjustable.



Image: A side-by-side comparison showing the mirror illuminated with cool white (6500K) light and warm white (3000K) light, demonstrating the different ambiance each setting provides.

Anti-Fog Function:



Image: The mirror with its anti-fog function activated, demonstrating a clear, fog-free reflection in a steamy bathroom environment.

- The mirror is equipped with an independent anti-fog control button.
- Press the anti-fog button to activate the heating element, which will partially heat the mirror surface.
- This ensures a clear reflection in the middle of the bathroom mirror, even in steamy conditions.
- The anti-fog function is energy efficient and can be turned off independently when not needed.

Maintenance

Proper care and maintenance will ensure the longevity and optimal performance of your EMKE LED Bathroom Mirror.

- **Cleaning:** Use a soft, damp cloth with a mild glass cleaner to clean the mirror surface. Avoid abrasive cleaners or harsh chemicals that could damage the mirror or its frame.
- **Frame Care:** Wipe the frame with a soft, dry or slightly damp cloth. Do not use excessive water.
- **Electrical Components:** Ensure the power is off before cleaning any electrical components. Do not spray water

directly onto the mirror's electrical parts.

- **Inspection:** Periodically inspect the wiring and mounting hardware for any signs of wear or looseness. If any issues are found, contact a qualified professional for repair.

Troubleshooting

If you encounter any issues with your EMKE LED Bathroom Mirror, please refer to the following common solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; rocker switch is off; wall switch is off (if applicable).	Check power connection; ensure rocker switch is in an "On" position; turn on wall switch.
Anti-fog function not working.	Anti-fog button is off; power supply issue.	Press the anti-fog button to activate; check power connection.
Light flickers or is dim.	Unstable power supply; internal component issue.	Ensure stable power supply. If problem persists, contact customer support.

For issues not listed above or if troubleshooting steps do not resolve the problem, please contact EMKE customer support.

Specifications

Detailed technical specifications for the EMKE LED Bathroom Mirror (Model: NLM04B2D-FRVC).

Instructions

Assurez-vous de choisir la bonne taille

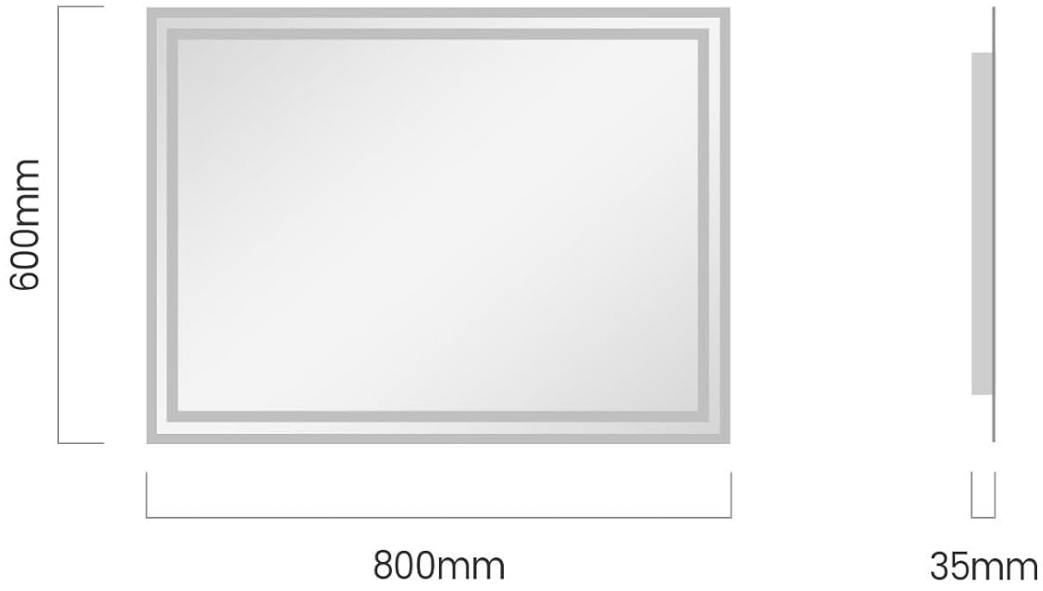




Image: A technical drawing indicating the dimensions of the mirror: 800mm (width), 600mm (height), and 35mm (depth).

Specification	Detail
Brand	EMKE
Model Number	NLM04B2D-FRVC
Product Dimensions	23.62"L x 31.5"W (60 x 80 cm)
Shape	Rectangular
Mounting Type	Wall Mount
Color	Anti-fog + 2 Colour Temperatures
Number of Items	1
Assembly Required	No (Professional installation recommended for wiring)
Item Weight	16.5 pounds

Specification	Detail
Batteries Required	No
Included Components	Mirror
Waterproof Rating	IP44

For detailed energy consumption information, please refer to the energy label and product data sheet:



Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen

Name oder Handelsmarke des Lieferanten: EMKE

Anschrift des Lieferanten: Apex CE Specialists GmbH, Ravolzhauser str. 3la63543Neuberg, DE

Modellkennung: LM2835-WC120-WW

Art der Lichtquelle:

Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	NDLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	Lead wire		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	NMLS	Vernetzte Lichtquelle (CLS):	Nein
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschild:	Nein	Dimmbar:	Nein
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	6	Energieeffizienzklasse	F
Nutzlichtstrom (ϕuse) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360° *), in einem breiten Kegel (120 °*) oder in einem schmalen Kegel (90° *) bezieht	620 in Kugel (360 °)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	3 000 oder 6 000
Leistungsaufnahme im Ein-Zustand (P_{on}) in W	5,5	Leistungsaufnahme im Bereitschaftszustand (P_{sb}) in W, auf die zweite Dezimalstelle gerundet	0,00
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P_{net})	-	Farbwiedergabeindex, auf die nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	80

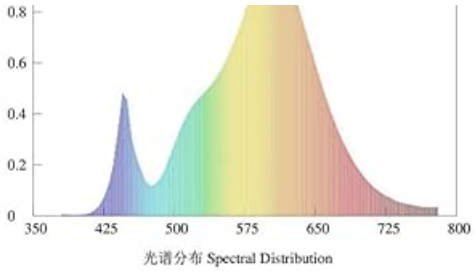
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für CLS in W, auf die zweite Dezimalstelle gerundet					
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter)	Höhe	50	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Volllast		Siehe Bild auf letzter Seite
	Breite	8			
	Tiefe	1			
Angabe zu einer gleichwertigen Leistungsaufnahme[a]		-	Falls ja, gleichwertige Leistungsaufnahme (W)		-
			Farbwertanteile (x und y)		0,327 0,343
Parameter für LED- und OLED-Lichtquellen:					
Wert des R9-Farbwiedergabeindex		12	Lebensdauerfaktor		1,00
Lichtstromerhalt		0,98			

[a] „-": nicht zutreffend;
[b] „-": nicht zutreffend;

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Image: Energy label for the EMKE LED Bathroom Mirror, showing energy efficiency class F and consumption of 6 kWh/1000h.

For more details, visit the EPREL database.

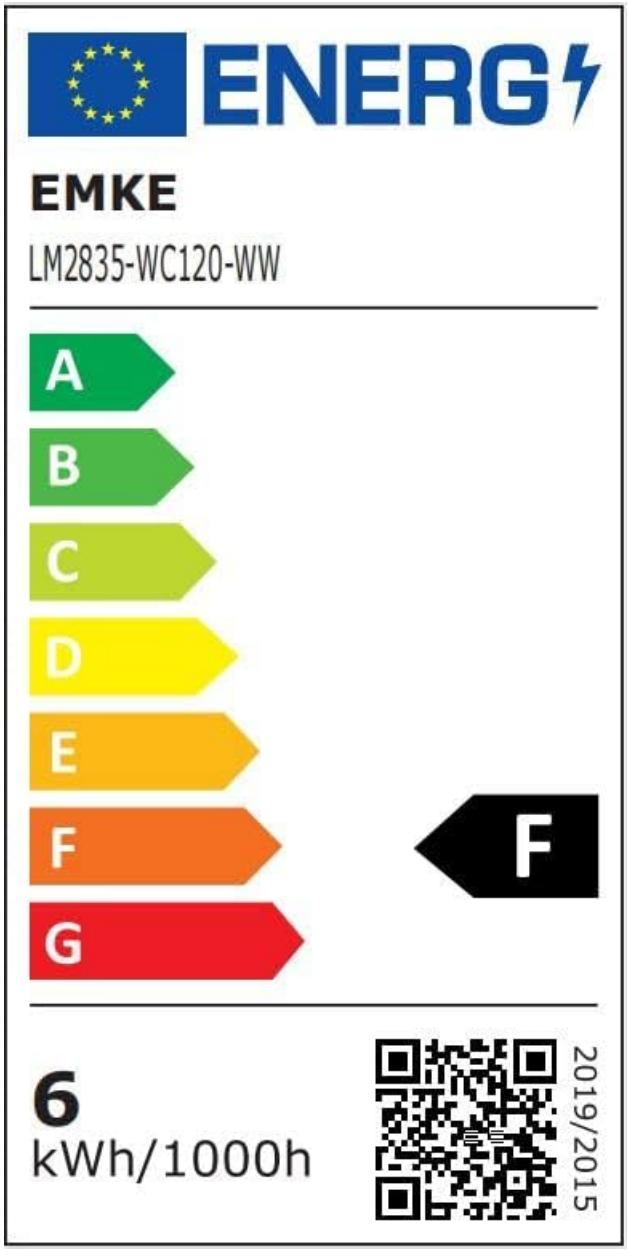


Image: Product data sheet providing comprehensive technical details and performance metrics for the mirror.

Warranty and Support

EMKE is committed to providing high-quality products. Each LED bathroom mirror is packed in a high-quality reinforced box to ensure it arrives in perfect condition.
While specific warranty terms are not detailed in this manual, EMKE ensures product quality and customer satisfaction. If you have any questions, concerns, or require assistance with your product, please contact EMKE customer support directly.
Contact Information: Please refer to the contact details provided with your purchase or visit the official EMKE website for support.
Note: Delivery to islands may not be possible.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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