

MIRROR LIGHT

2024 It is produced by KME Co., Ltd

CATALOGUE

MIRROR LIGHT

A marine lighting solution that combines elegant design and practicality.



Company introduction

· History

- 2024 12 **Kaune** sole agency in South Korea.
- 07 **Astro** sole agency in Marine Segment.
- 07 **B-15 fire back box** achieves BV Certification for fire protection.
- 2023 12 Registered vendor to **KANGNAM** Shipbuilding.
- 09 Registered vendor to **MODEC**.
- 08 Registered vendor to **SEATRIUM**.
- 03 Establishment of **Unit Toilet Factory**.
- 2022 05 Registered vendor to **HSG Sungdong** Shipbuilding.
- 04 Acquired ISO 45001:2018 certification.
- Registered vendor to **DAE SUN** Shipbuilding & Engineering Co., Ltd.
- 02 Registered vendor to **Hyundai** Heavy Industries.
- 2021 09 Registered vendor to **Zvezda** Shipbuilding in Russia.
- 06 Development of **GRP Ex Junction Box** certification completed.
- 2020 06 Registered vendor to **Hanjin** Heavy Industries.
- 2019 10 Registered vendor to **Hyundai Mipo** Dockyard (HMD) Co., Ltd.
- 2014 06 Registered vendor to **DAEWOO** Shipbuilding & Marine Engineering Co., Ltd.
- Low Location Light for H.3401
- 2013 10 Registered vendor to **SAMSUNG** Heavy Industries Co., Ltd.
- 2009 02 **Established KME Co., Ltd.**



※ For more information visit h-kme.com

· Location



Busan (Head Office)

29, Nakdong-daero1302 beon-gil,
Sasang-gu, Busan, South Korea



Gimhae (Office/factory)

25, Seobu-ro 1331beon-gil, Juchon-myeon,
Gimhae-si, Gyeongsangnam-do, South Korea



Optimal Lighting Solutions for Ship Bathrooms

KME provides interior lighting solutions for the maritime industry. Designed specifically for bathrooms, KME's Mirror Lights enhance safety and efficiency. Available in CYLINDER TYPE and SQUARE TYPE, these lights are crafted with durable materials and refined finishes, offering distinguished quality.



Ship Bathrooms

Provides reliable performance even in humid environments, offering bright and gentle lighting for a comfortable experience.



Cabin Lighting

Features a slim design that maximizes space utilization, creating a bright and modern ambiance inside the cabin.

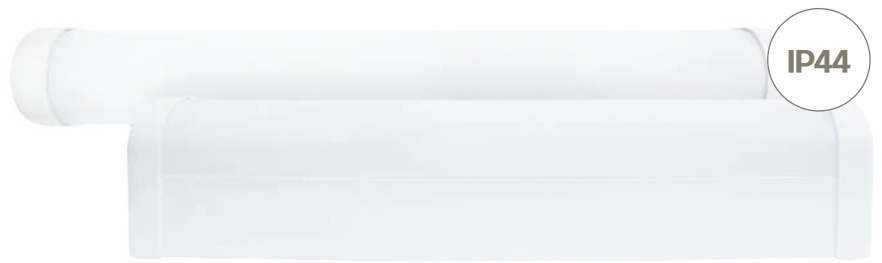


Common Area Lighting

Serves as indirect lighting near mirrors or sinks, enhancing the luxurious image of the ship's interior.



MIRROR LIGHT CYLINDER TYPE



• Application

- Cabin, Bath Room, Wet Location

• Protection Rating

- **IP44 (Protected from moisture and dust)**

• Materials

- Body: Aluminium
- End Cap: ABS
- Diffuser: Opal Acrylic, Polycarbonate

• Finish

- Body: White epoxy powder coated
- End Cap: White

• Electrical Specifications

- AC100~240V, 50/60Hz (Available upon request)
- Ballast: Glow, Electronic

• Options

- On/Off Switch, Selector Switch

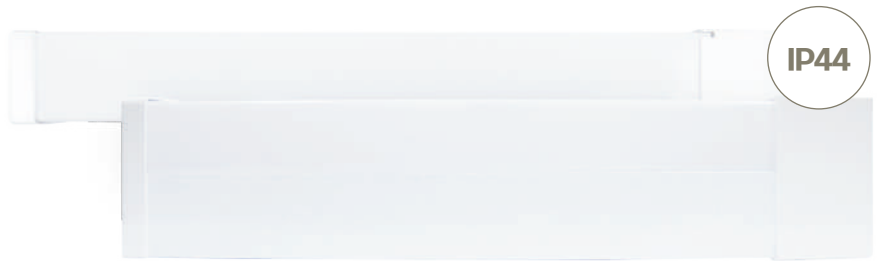
• Equipment

- Fluorescent Lamps(W): 8, 10, 11, 13, 15, 18, 20
- Lamp Holder: G13
- Cable Gland: PG13.5 / PG16

Model No.	Capacity	L(mm)	W(mm)	H(mm)
FMN115SR-C	15W	536	70	115
FMN118SR-C	18W	688	70	115
FMN120SR-C	20W	688	70	115
LM108SR-C	8W	536	70	115
LM111SR-C	11W	688	70	115
LM113SR-C	13W	688	70	115
LMN110SR-C	10W	536	70	115
LMN113SR-C	13W	688	70	115



MIRROR LIGHT SQUARE TYPE



• Application

- Cabin, Bath Room, Wet Location

• Protection Rating

- **IP44 (Protected from moisture and dust)**

• Materials

- Body: Aluminium
- End Cap: ABS
- Diffuser: Opal Acrylic, Polycarbonate

• Finish

- Body: White epoxy powder coated
- End Cap: White

• Electrical Specifications

- AC100~240V, 50/60Hz (Available upon request)
- Ballast: Glow, Electronic

• Options

- On/Off Switch, Selector Switch

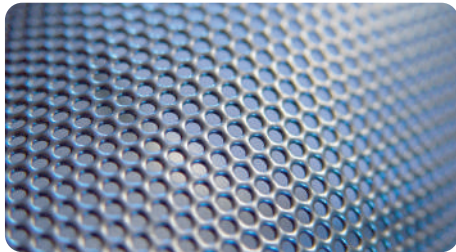
• Equipment

- Fluorescent Lamps(W): 8, 13, 15, 18, 20
- Lamp Holder: G13
- Cable Gland: PG13.5 / PG16

Model No.	Capacity	L(mm)	W(mm)	H(mm)
FM115SR-S	15W	525	62	115
FM118SR-S	18W	680	62	115
FM120SR-S	20W	670	62	115
FMN115SR-S	15W	550	62.5	112
FMN118SR-S	18W	694	62.5	112
LMN108SR-S	8W	550	62.5	112
LMN113SR-S	13W	694	62.5	112

Advantages of KME Mirror Light

KME Mirror Light is specially designed with premium materials and robust construction to ensure reliable use in various marine environments.



Premium Materials

Made with an aluminum body, durable ABS end caps, and a high-quality diffuser.



Versatile Installation

Safe for use in humid areas like cabins and bathrooms (IP44 rated).



Elegant Design

White epoxy finish blends seamlessly with ship interiors.



Optional Features

Added switch functionality for convenient operation.



Custom Specifications

Supports various voltage and ballast options.



Unique Technologies of KME Mirror Light

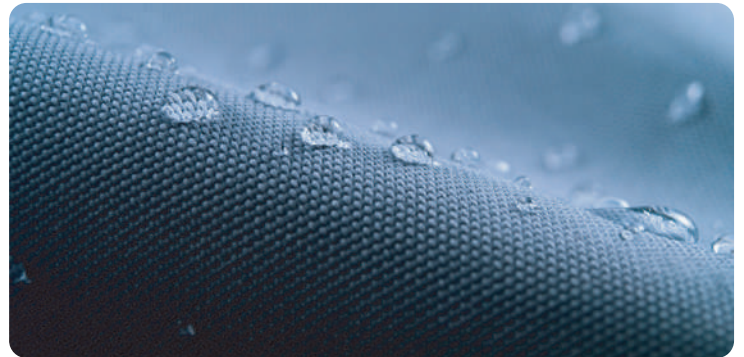


Energy Efficiency and Eco-Friendly Design

KME Mirror Light maximizes energy efficiency using fluorescent lamps, maintaining stable brightness even during prolonged use. Its environmentally conscious materials and design reduce CO₂ emissions, contributing to marine ecosystem preservation.

Durability and Moisture Protection

With an IP44 protection rating, the light is safeguarded against water and moisture. Its aluminum and ABS construction ensures corrosion resistance, even in harsh marine environments.



Convenient Maintenance

Easy Lamp Replacement: User-friendly design enables quick and simple lamp replacement, saving time and effort.

Additional Equipment Options: Expand functionality with various switch options, including on/off and selector switches.

Customizable Design

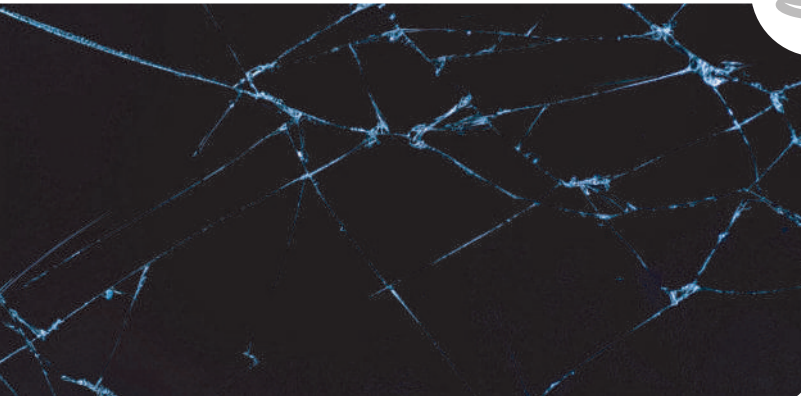
Tailored to meet specific customer requirements, KME Mirror Light can be customized in size, finish, and electrical specifications to seamlessly integrate with any ship interior.



Safety Design Features of Mirror Light

KME's Mirror Light meets IP44 standards, ensuring safety in humid and dusty environments, with reliable performance in bathrooms and shared spaces.

Moisture and Dust Protection (IP44)

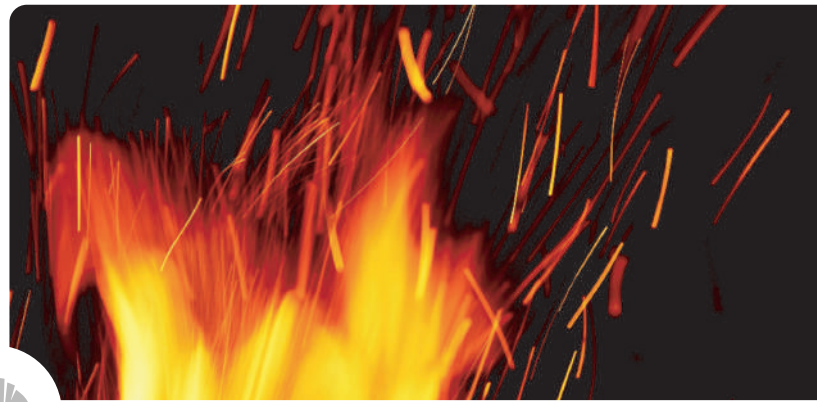


Impact and Breakage Resistance

The diffuser made from Opal Acrylic and Polycarbonate is highly impact-resistant, reducing the risk of breakage from external shocks and ensuring long-term reliability.

The aluminum and ABS materials used in the product body and end caps are flame-retardant, reducing the risk of fire and enhancing safety.

Flame-Retardant Materials



Enhanced Electrical Safety

High-quality stabilizers minimize overload and overheating risks, ensuring stable operation with AC 100~240V support. On/Off and Selector switches enhance safety and convenience.

KME's Exclusive Quality Assurance Service

At KME, customer satisfaction is our top priority. We ensure trust through the following services



Quality Certification

Products certified to meet international standards.



Prompt Issue Resolution

Quick and professional responses to customer inquiries.

Safety Usage Guide

Please review the guide below before use.



Installation Guide

When installing the Mirror Light, ensure that the work is performed in a waterproof environment and check for proper electrical connections.



Maintenance

Regular inspections and cleaning are recommended to maintain the product's performance and safety.



Usage Restrictions

Do not exceed the specified voltage and current limits.

Future-Oriented Vision

KME Co., Ltd. is committed to continuous research and development to improve safety and efficiency in the maritime industry.



Continuous Innovation

We will lead the advancement of the maritime industry by continuously developing new technologies and solutions.



Global Partnerships

Strengthening our global network to create value in various markets by collaborating with customers worldwide.



KME's Mirror Light provides safe and efficient lighting for onboard spaces, featuring excellent durability with high-quality materials and a sleek design. Customization options and quality assurance services ensure customer satisfaction.



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