

Marine Lighting Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-08-13 | 173 pages | EMR Inc.

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Report description:

The global marine lighting market size reached around USD 390.00 Million in 2024. The market is projected to grow at a CAGR of 6.80% between 2025 and 2034 to reach nearly USD 752.97 Million by 2034. The market growth can be attributed to the robust growth of the rising demand for LED lighting solutions, technological advancements, increasing solar power generation, surging recreational boating and leisure activities, and growing emphasis on marine vessels.

Global Marine Lighting Market Growth

One of the key marine lighting market trends is the surge in recreational boating and leisure activities. As per the Boating Industry Association (BIA) of Australia, nearly 1 in 5 Australians participated in recreational boating activity on an annual basis as of 2024. With increasing recreational boating activities, the demand for customisable lighting solutions such as accent lighting, LED strip lights, and colour-changing lights, among others, boosts the aesthetic appeal of vessels.

The growing adoption of smart vessels integrated with navigation systems, integrated sensors, and automation is boosting the demand for marine lighting systems that can adjust themselves based on factors such as weather conditions, vessel speed, and proximity to other ships. In the forecast period, the development of autonomous vessels is anticipated to surge the demand for lighting systems that can optimise navigation, visibility, and safety without human intervention.

Advancements in underwater lighting technology aimed at creating waterproof, durable, and energy-efficient systems that enhance the functioning of vessels are expected to aid the market. The integration of sensor technology in marine lighting systems to provide real-time data on their operational status, increase uptime, lower unexpected failures, and minimise maintenance costs is anticipated to aid the market in the coming years.

Key Trends and Development

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Growing emphasis on safety; rising use of marine lighting in environmental conservation; increasing demand for energy-efficient marine lighting; and development of smart marine lighting solutions are favouring the marine lighting market expansion.

September 2024

Lumishore announced the expansion of its Eclipse Lighting Collection, offering boat owners an easy-to-control, cost-effective, and easy-to-install connected system. The Eclipse Collection includes RGB options such as neon flex, strip lights, courtesy lights, and White + RGB downlight that provide a spectrum of customisable and vibrant lighting effects to enhance both the ambiance and functionality of vessels.

August 2024

Daniamant announced the global unveiling of its innovative RL8 Liferaft Lighting System at the Shipbuilding, Machinery and Marine Technology (SMM) trade show. The new lighting system features high-intensity LED technology to ensure maximum visibility, even in treacherous weather, hence improving safety for maritime operations while withstanding extreme conditions, including saltwater, high pressure, and UV exposure.

March 2024

Hella marine equipped Royal Caribbean International's newest cruise ship, Icon of the Seas, with nearly 20,000 energy-efficient LED downlights to illuminate the exterior and interior areas. The LED downlights, installed in the 2,805 rooms, the crew areas, the more than 40 restaurants, bars and lounges, the public areas such as gaming rooms and music halls, in the lobby, the corridors and on the 20 decks, ensure safety while creating a feel-good atmosphere through ambient functions and lighting scenarios.

January 2023

Crestron announced its partnership with Savage Marine to create a highly customisable, easy-to-install and maintain lighting control solution for superyachts. All the lighting fixtures created under the partnership were slated to be manufactured at Savage Marine's Leicestershire facility.

Growing emphasis on safety

As safety is crucial in maritime operations, the demand for marine lighting to ensure the well-being of passengers and crew and prevent collisions and groundings, especially in low visibility conditions such as fog or darkness, is increasing. Moreover, efficient marine lighting systems are crucial to facilitate smooth and productive operations in marine installations like shipyards, ports, and offshore platforms and provide visibility and guidance during crisis situations.

Increasing use of marine lighting in environmental conservation

Amid growing concerns regarding marine ecosystem preservation, marine researchers use controlled lighting to monitor and study marine life and enable a deep understanding of migration patterns, biodiversity, and the interactions that sustain delicate ecosystems. Moreover, there is a rising use of low-impact lighting systems in marine research activities to minimise the disturbance to marine life, including marine parks, coral reefs, and protected marine habitats.

Rising demand for energy-efficient marine lighting

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The rising demand for energy-efficient marine lighting amid the growing focus on sustainability is boosting the marine lighting market revenue. LED lighting, due to its energy efficiency and long operational life, is increasingly used in different marine applications, including coastal, navigation, and harbour lighting.

Development of smart marine lighting solutions

Key players are developing smart marine lighting solutions equipped with sensors and smart controllers that can automatically adjust brightness levels based on factors such as time of day, ambient light, and traffic patterns. The integration of GPS and motion sensors that enable smart marine lighting solutions to respond to real-time environmental conditions is expected to fuel the market in the coming years.

Global Marine Lighting Market Trends

The growing emphasis on safety in the marine industry is surging the demand for reliable lighting solutions for applications such as signalling and navigation, even in low visibility conditions such as rain, fog, and other extreme weather conditions. With the introduction of various regulations by governments and international organisations aimed at mandating the installation of lighting solutions for safety applications, the demand for marine lighting is increasing.

The development of smart lighting systems that can be integrated with radars and navigation systems to optimise visibility for marine vessels is creating lucrative marine lighting market opportunities. Smart lighting solutions also automatically activate pathway lights and emergency beacons during emergencies, which makes them crucial for emergency response and alerts.

Global Marine Lighting Industry Segmentation

The EMR's report titled "Global Marine Lighting Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Type

- Functional Light
- Decorative Light

Market Breakup by Ship Type

- Passenger Ship
- Commercial Ship
- Yacht

Market Breakup by Application

- Navigation Lights
- Dome Lights
- Compartment and Utility Lights
- Reading Lights
- Docking Lights
- Safety Light
- Decorative Lights

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Market Breakup by Technology

- LED
- Fluorescent
- Halogen
- Xenon

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Global Marine Lighting Market Share

As per the marine lighting market analysis, the market is segmented into functional light and decorative light. Functional light accounts for a significant share of the market as it plays a crucial role in ensuring the safety, operational efficiency, and navigation of marine vessels. The increasing demand for commercial vessels in countries such as South Korea, China, Japan, and Indonesia, among others, is also boosting the demand for functional lighting solutions. Meanwhile, decorative light, encompassing accent lighting, ambient lighting, and feature lighting, are witnessing a strong growth as they enhance the aesthetics and ambience of marine vessels to ensure a comfortable passenger experience.

Competitive Landscape

Key marine lighting market players are actively investing in LED technology due to its durability, low maintenance requirements, and energy efficiency. They are also capitalising on growing concerns regarding light pollution and focusing on developing eco-friendly lighting systems that reduce environmental disruption.

Signify N.V.

Signify N.V., founded in 2016 and headquartered in Eindhoven, the Netherlands, is one of the largest lighting companies in the world. Boasting 32,000 employees and a presence in over 70 countries, the company achieved sales of EUR 6.7 billion in 2023. Its leading brands include Philips, interact, Cooper Lighting Solutions, and Telensa, among others.

Hella KGaA Hueck & Co.

Hella KGaA Hueck & Co., founded in 1899 and headquartered in Lippstadt, Germany, is a company that is engaged in the manufacturing and development of lighting technology and electronics components and systems for the automotive industry. Employing 150,000 people worldwide, the company achieved sales of EUR 8.1 billion in FY 2023.

OSRAM GmbH

OSRAM GmbH, headquartered in Premstaetten/Graz, is a global leader in innovative light and sensor solutions. Its product portfolio includes high-quality semiconductor-based light emitters, traditional lighting technologies, sensors, and CMOS ICs for

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automotive and special applications. Boasting 19,700 employees, the company's revenues amounted to EUR 3.4 billion in 2024.

Lumishore

Lumishore, founded in 2008 and headquartered in Swansea, United Kingdom, is a company that is engaged in the development and supply of high-performance underwater and above water LED lighting solutions for boats of all sizes. It designs, develops, and manufactures its entire portfolio of LED lighting systems in-house, utilising premium marine-grade materials.

Other key players in the marine lighting market are Koito Manufacturing Co., Ltd., West Marine, Inc., Lumitec, LLC, and NJZ Lighting Technology Co., Ltd.

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