

Global Emergency Lighting Market Size Study, by Components (Hardware, Software, and Services), by Power System (Self-Contained, Central, and Hybrid), by Battery Type (Ni–Cd, Ni–MH, LiFePO4, and Lead–Acid), by Light Source (Fluorescent, LED, Incandescent, and Induction), by Application (Residential, Commercial, and Industrial), and Regional Forecasts 2022-2032

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Abstracts

The global emergency lighting market, valued at approximately USD 10.13 billion in 2023, is projected to grow at a robust CAGR of 7.30% during the forecast period from 2024 to 2032. Emergency lighting has become an essential safety solution across commercial, industrial, and residential applications, ensuring illumination during power failures, emergencies, and hazardous situations. The growing emphasis on stringent safety regulations, coupled with the increasing awareness about the importance of emergency preparedness, has significantly propelled the demand for advanced emergency lighting solutions.

Rapid advancements in LED technology, battery efficiency, and wireless connectivity have fueled innovation in emergency lighting systems. The transition toward energy-efficient lighting solutions and the integration of IoT-enabled monitoring systems have enhanced operational reliability while reducing long-term maintenance costs. Governments worldwide are enforcing strict building safety codes and mandates that require emergency lighting installations, further driving market growth. Additionally, the rising urbanization and infrastructure development, particularly in emerging economies, have led to increased adoption of centralized and hybrid emergency lighting solutions.

However, the market still faces some challenges, including high initial setup costs, compatibility issues with older electrical systems, and maintenance concerns associated with traditional emergency lighting systems. Moreover, the widespread adoption of LED-based emergency lighting solutions has disrupted conventional lighting technologies, creating a competitive landscape for key market players. Nevertheless, advancements in lithium-ion battery technology, AI-powered emergency lighting control systems, and smart city initiatives are expected to create new opportunities for market expansion.

Regionally, North America and Europe lead the global emergency lighting market due to strict fire and building safety regulations, early adoption of smart lighting technologies, and extensive investments in infrastructure modernization. The Asia-Pacific region is anticipated to witness the fastest growth, driven by rapid industrialization, urbanization, and increasing safety awareness in countries such as China, India, and Japan. Meanwhile, Latin America and the Middle East & Africa (MEA) are witnessing steady growth due to rising government initiatives focused on disaster preparedness and commercial safety compliance.

Major Market Players Included in This Report Are:

Signify N.V.

Schneider Electric SE

Eaton Corporation Plc

ABB Ltd.

Legrand S.A.

Acuity Brands, Inc.

Zumtobel Group AG

Beghelli S.p.A.

Hubbell Incorporated

Cooper Lighting Solutions

Lithonia Lighting

Lutron Electronics Co., Inc.

Emergency Lighting Products Ltd.

Fulham Co., Inc.

Daisalux

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Components:

Hardware

Software

Services

By Power System:

Self-Contained

Central

Hybrid

By Battery Type:

Nickel-Cadmium (Ni-Cd)

Nickel-Metal Hydride (Ni-MH)

Lithium Iron Phosphate (LiFePO₄)

Lead–Acid

By Light Source:

Fluorescent

LED

Incandescent

Induction

By Application:

Residential

Commercial

Industrial

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study Are as Follows:

Historical Year – 2022, 2023

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecasts for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed geographical insights with country-level analysis for major regions.

Competitive landscape with information on key players and market positioning.

Analysis of key business strategies and expert recommendations for future market approaches.

Competitive market structure assessment and emerging industry trends.

Demand-side and supply-side analysis to identify growth patterns and investment opportunities.

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