

Global Military Lighting Market Size Study & Forecast, by Product, Type, End Use and Regional Forecasts 2025-2035

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Abstracts

The Global Military Lighting Market is valued at approximately USD 0.64 billion in 2024 and is expected to grow at a compound annual growth rate (CAGR) of 7.60% over the forecast period 2025–2035. Military lighting, a pivotal component in modern defense infrastructure, ensures operational effectiveness and safety across a wide array of military environments including ground bases, airborne fleets, and naval vessels. Designed to endure extreme climates and harsh field conditions, these lighting systems play a crucial role in tactical visibility, signaling, night operations, and stealth mobility. The transition from traditional lighting to advanced, energy-efficient LED systems has sparked a transformative shift, driven largely by governments and defense organizations investing in technological modernization and battlefield readiness.

The ongoing geopolitical uncertainties and territorial conflicts worldwide have pushed military organizations to revamp their existing lighting systems with high-durability, low-maintenance, and long-life solutions. LED-based military lighting, in particular, has emerged as a go-to choice, offering superior luminous efficacy, compact form factors, and reduced power consumption. Furthermore, increased demand for integrated lighting in next-gen combat aircraft, submarines, and armored vehicles—especially in high-threat combat zones—has elevated the market's significance. As defense procurement agencies turn toward modular lighting systems tailored for multi-domain operations, both internal and external lighting segments are gaining substantial traction.

From a regional lens, North America commands a dominant position in the global military lighting market, primarily due to the presence of leading defense contractors and consistent budget allocations by the U.S. Department of Defense toward modernization programs. Europe also exhibits a stronghold, spurred by NATO-backed

initiatives and increasing military deployments in Eastern Europe. Meanwhile, Asia Pacific is projected to register the fastest growth during the forecast period, underpinned by escalating defense budgets in China and India, rapid militarization, and expanding naval fleets. Moreover, the region's shift toward indigenization of military technologies is accelerating adoption of robust lighting systems across marine and airborne platforms.

Major market player included in this report are:

Honeywell International Inc.

OSRAM GmbH

Raytheon Technologies Corporation

Astronics Corporation

Oxley Group

Orion Energy Systems Inc.

ADB Safegate

Collins Aerospace

Glamox AS

Safran S.A.

Leonardo S.p.A

Soderberg Manufacturing Company Inc.

Rockwell Collins

Phoenix Products LLC

Luminator Technology Group

Global Military Lighting Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product:

LED

Non-LED

By Type:

Internal Lighting

External Lighting

Others

By End Use:

Ground

Marine

Airborne

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

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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