

Global Instrument Landing System & Visual Landing Aids Market Size study & Forecast, by ILS Category, VLA and Regional Forecasts 2025-2035

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Abstracts

The Global Instrument Landing System & Visual Landing Aids Market is valued approximately at USD 1.97 billion in 2024 and is expected to grow at a robust CAGR of 5.54% during the forecast period 2025–2035. Instrument Landing Systems (ILS) and Visual Landing Aids (VLA) constitute the technological lifeline of modern aviation infrastructure, offering precision, safety, and reliability to both civil and military air traffic operations. These systems not only mitigate the risks associated with reduced visibility and inclement weather but also allow pilots to execute smoother landings with greater spatial awareness. As air traffic surges and airports modernize globally, the adoption of next-generation landing aids is being propelled to new heights.

The rapid expansion of the global air travel industry—driven by both passenger and cargo traffic—has compelled airport authorities and aviation stakeholders to invest in high-performance landing systems. A strong resurgence in airport infrastructure investments, particularly across developing regions, is reinforcing demand for reliable Category II and III ILS systems that enable automated precision landings. On the visual front, LED-based approach lighting systems and high-intensity runway edge lighting are replacing traditional incandescent systems due to their long-term energy efficiency and superior visibility. Meanwhile, technological convergence of ILS and VLA components with airport automation platforms is paving the way for integrated airside management solutions, capable of reducing delays and enhancing operational fluidity.

Regionally, North America commands a significant portion of the market, owing to its mature airport ecosystem, continuous runway upgrades, and robust FAA regulations mandating ILS installations. Europe is not far behind, benefiting from wide-scale implementation of the Single European Sky ATM Research (SESAR) initiative and

modernization programs across hubs in the UK, Germany, and France. However, it is the Asia Pacific region that is projected to record the fastest growth during the forecast timeline. Countries like India and China are experiencing a meteoric rise in air traffic and are launching ambitious airport expansion programs to accommodate increasing regional connectivity. Simultaneously, favorable regulatory frameworks and a strategic focus on aviation safety are driving the installation of advanced ILS and VLA technologies across emerging economies.

Major market player included in this report are:

Honeywell International Inc.

Indra Sistemas S.A.

ADB Safegate

Raytheon Technologies Corporation

Collins Aerospace

Avlite Systems

Thales Group

Saab AB

OCEM Airfield Technology

Systems Interface Ltd.

Astronics Corporation

Eaton Corporation

ATG Airports Ltd.

Airport Lighting Specialists, Inc.

Vosla GmbH

Global Instrument Landing System & Visual Landing Aids 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 ILS Category:

ILS CAT I

ILS CAT II

ILS CAT III

By VLA:

Runway Lighting

Approach Lighting

Taxiway Lighting

By VLA Technology:

LEDs

Incandescent Lamps

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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