

Aircraft Lighting Market Report by Light Type (Exterior Lights, Interior Lights), Technology (LED, Fluorescent, and Others), Aircraft Type (Commercial Aircraft, Military Aircraft, and Others), Aircraft Design (Fixed Wing, Rotary Wing), Installation Type (Line-Fit, Retrofit), and Region 2024-2032

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Abstracts

The global aircraft lighting market size reached US\$ 1.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 2.6 Billion by 2032, exhibiting a growth rate (CAGR) of 5.1% during 2024-2032.

Aircraft lighting is installed on the exterior and interior parts of an aircraft to provide illumination for safety, servicing, operational needs and convenience of passengers. It utilizes different technologies, such as control circuits and control switches and resistors, to automate incandescence, electro-luminescent and strobe lights. Moreover, special aircraft lights are used for specific flight operations. For instance, rescue aircraft are equipped with high-intensity searchlights, while several military aircraft have different intensity lights on the upper surface of wings to facilitate night formation flights.

Aircraft Lighting Market Trends:

Aircraft lighting is widely used to inspect icing conditions, improve pilot visibility during critical phases of a flight, identify aircraft location, heading and position, and make aircraft visible to ground personnel and other airborne traffic for preventing a mid-air collision. This, in confluence with the increasing volume of air traffic on account of the expanding international trade and the growing travel and tourism sector, represents one of the major factors stimulating the market growth. Apart from this, the rising adoption of

non-electrical floor path marking systems, which include lightweight, photoluminescent lighting strips, is influencing the market positively. The growing trend of urban air mobility (UAM), an on-demand, automated passenger and cargo-carrying air transportation services, is further contributing to the market growth. Other factors, including the growing commercial aviation, technological advancements, increasing investments in the aviation infrastructure and the implementation of stringent government policies regarding passenger safety and comfort, are expected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global aircraft lighting market report, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on light type, technology, aircraft type, aircraft design and installation type.

Breakup by Light Type:

Exterior Lights

Interior Lights

Breakup by Technology:

LED

Fluorescent

Others

Breakup by Aircraft Type:

Commercial Aircraft

Military Aircraft

Others

Breakup by Aircraft Design:

Fixed Wing

Rotary Wing

Breakup by Installation Type:

Line-Fit

Retrofit

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Astronics Corporation, Bruce Aerospace (TransDigm Group Inc.), Cobham Plc., Diehl Stiftung & Co. KG, Honeywell International Inc., Luminator Technology Group, Oxley Group, Safran S.A., Soderberg Manufacturing Co. Inc. and STG Aerospace Ltd.

Key Questions Answered in This Report

1. What was the size of the global aircraft lighting market in 2023?

2. What is the expected growth rate of the global aircraft lighting market during 2024-2032?
3. What has been the impact of COVID-19 on the global aircraft lighting market?
4. What are the key factors driving the global aircraft lighting market?
5. What is the breakup of the global aircraft lighting market based on the light type?
6. What is the breakup of the global aircraft lighting market based on the technology?
7. What is the breakup of the global aircraft lighting market based on the aircraft type?
8. What is the breakup of the global aircraft lighting market based on the aircraft design?
9. What is the breakup of the global aircraft lighting market based on the installation type?
10. What are the key regions in the global aircraft lighting market?
11. Who are the key players/companies in the global aircraft lighting market?

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