

# **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**

<https://marketpublishers.com/r/A8DFB6ADD7F7EN.html>

Date: August 2024

Pages: 135

Price: US\$ 3,899.00 (Single User License)

ID: A8DFB6ADD7F7EN

## **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?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL AIRCRAFT LIGHTING MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY LIGHT TYPE**

- 6.1 Exterior Lights
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Interior Lights
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast

## **7 MARKET BREAKUP BY TECHNOLOGY**

### 7.1 LED

7.1.1 Market Trends

7.1.2 Market Forecast

### 7.2 Fluorescent

7.2.1 Market Trends

7.2.2 Market Forecast

### 7.3 Others

7.3.1 Market Trends

7.3.2 Market Forecast

## **8 MARKET BREAKUP BY AIRCRAFT TYPE**

### 8.1 Commercial Aircraft

8.1.1 Market Trends

8.1.2 Market Forecast

### 8.2 Military Aircraft

8.2.1 Market Trends

8.2.2 Market Forecast

### 8.3 Others

8.3.1 Market Trends

8.3.2 Market Forecast

## **9 MARKET BREAKUP BY AIRCRAFT DESIGN**

### 9.1 Fixed Wing

9.1.1 Market Trends

9.1.2 Market Forecast

### 9.2 Rotary Wing

9.2.1 Market Trends

9.2.2 Market Forecast

## **10 MARKET BREAKUP BY INSTALLATION TYPE**

### 10.1 Line-Fit

10.1.1 Market Trends

10.1.2 Market Forecast

### 10.2 Retrofit

- 10.2.1 Market Trends
- 10.2.2 Market Forecast

## **11 MARKET BREAKUP BY REGION**

- 11.1 North America
  - 11.1.1 United States
    - 11.1.1.1 Market Trends
    - 11.1.1.2 Market Forecast
  - 11.1.2 Canada
    - 11.1.2.1 Market Trends
    - 11.1.2.2 Market Forecast
- 11.2 Asia-Pacific
  - 11.2.1 China
    - 11.2.1.1 Market Trends
    - 11.2.1.2 Market Forecast
  - 11.2.2 Japan
    - 11.2.2.1 Market Trends
    - 11.2.2.2 Market Forecast
  - 11.2.3 India
    - 11.2.3.1 Market Trends
    - 11.2.3.2 Market Forecast
  - 11.2.4 South Korea
    - 11.2.4.1 Market Trends
    - 11.2.4.2 Market Forecast
  - 11.2.5 Australia
    - 11.2.5.1 Market Trends
    - 11.2.5.2 Market Forecast
  - 11.2.6 Indonesia
    - 11.2.6.1 Market Trends
    - 11.2.6.2 Market Forecast
  - 11.2.7 Others
    - 11.2.7.1 Market Trends
    - 11.2.7.2 Market Forecast
- 11.3 Europe
  - 11.3.1 Germany
    - 11.3.1.1 Market Trends
    - 11.3.1.2 Market Forecast
  - 11.3.2 France



- 11.3.2.1 Market Trends
- 11.3.2.2 Market Forecast
- 11.3.3 United Kingdom
  - 11.3.3.1 Market Trends
  - 11.3.3.2 Market Forecast
- 11.3.4 Italy
  - 11.3.4.1 Market Trends
  - 11.3.4.2 Market Forecast
- 11.3.5 Spain
  - 11.3.5.1 Market Trends
  - 11.3.5.2 Market Forecast
- 11.3.6 Russia
  - 11.3.6.1 Market Trends
  - 11.3.6.2 Market Forecast
- 11.3.7 Others
  - 11.3.7.1 Market Trends
  - 11.3.7.2 Market Forecast
- 11.4 Latin America
  - 11.4.1 Brazil
    - 11.4.1.1 Market Trends
    - 11.4.1.2 Market Forecast
  - 11.4.2 Mexico
    - 11.4.2.1 Market Trends
    - 11.4.2.2 Market Forecast
  - 11.4.3 Others
    - 11.4.3.1 Market Trends
    - 11.4.3.2 Market Forecast
- 11.5 Middle East and Africa
  - 11.5.1 Market Trends
  - 11.5.2 Market Breakup by Country
  - 11.5.3 Market Forecast

## **12 SWOT ANALYSIS**

- 12.1 Overview
- 12.2 Strengths
- 12.3 Weaknesses
- 12.4 Opportunities
- 12.5 Threats

## **13 VALUE CHAIN ANALYSIS**

## **14 PORTERS FIVE FORCES ANALYSIS**

- 14.1 Overview
- 14.2 Bargaining Power of Buyers
- 14.3 Bargaining Power of Suppliers
- 14.4 Degree of Competition
- 14.5 Threat of New Entrants
- 14.6 Threat of Substitutes

## **15 PRICE ANALYSIS**

## **16 COMPETITIVE LANDSCAPE**

- 16.1 Market Structure
- 16.2 Key Players
- 16.3 Profiles of Key Players
  - 16.3.1 Astronics Corporation
    - 16.3.1.1 Company Overview
    - 16.3.1.2 Product Portfolio
    - 16.3.1.3 Financials
  - 16.3.2 Bruce Aerospace (TransDigm Group Inc.)
    - 16.3.2.1 Company Overview
    - 16.3.2.2 Product Portfolio
  - 16.3.3 Cobham Plc.
    - 16.3.3.1 Company Overview
    - 16.3.3.2 Product Portfolio
    - 16.3.3.3 Financials
    - 16.3.3.4 SWOT Analysis
  - 16.3.4 Diehl Stiftung & Co. KG
    - 16.3.4.1 Company Overview
    - 16.3.4.2 Product Portfolio
    - 16.3.4.3 Financials
  - 16.3.5 Honeywell International Inc.
    - 16.3.5.1 Company Overview
    - 16.3.5.2 Product Portfolio
    - 16.3.5.3 Financials

- 16.3.5.4 SWOT Analysis
- 16.3.6 Luminator Technology Group
  - 16.3.6.1 Company Overview
  - 16.3.6.2 Product Portfolio
- 16.3.7 Oxley Group
  - 16.3.7.1 Company Overview
  - 16.3.7.2 Product Portfolio
  - 16.3.7.3 Financials
- 16.3.8 Safran S.A.
  - 16.3.8.1 Company Overview
  - 16.3.8.2 Product Portfolio
  - 16.3.8.3 Financials
  - 16.3.8.4 SWOT Analysis
- 16.3.9 Soderberg Manufacturing Co. Inc.
  - 16.3.9.1 Company Overview
  - 16.3.9.2 Product Portfolio
- 16.3.10 STG Aerospace Ltd.
  - 16.3.10.1 Company Overview
  - 16.3.10.2 Product Portfolio
  - 16.3.10.3 Financials

## List Of Tables

### LIST OF TABLES

Table 1: Global: Aircraft Lighting Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Aircraft Lighting Market Forecast: Breakup by Light Type (in Million US\$), 2024-2032

Table 3: Global: Aircraft Lighting Market Forecast: Breakup by Technology (in Million US\$), 2024-2032

Table 4: Global: Aircraft Lighting Market Forecast: Breakup by Aircraft Type (in Million US\$), 2024-2032

Table 5: Global: Aircraft Lighting Market Forecast: Breakup by Aircraft Design (in Million US\$), 2024-2032

Table 6: Global: Aircraft Lighting Market Forecast: Breakup by Installation Type (in Million US\$), 2024-2032

Table 7: Global: Aircraft Lighting Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 8: Global: Aircraft Lighting Market: Competitive Structure

Table 9: Global: Aircraft Lighting Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Aircraft Lighting Market: Major Drivers and Challenges

Figure 2: Global: Aircraft Lighting Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Aircraft Lighting Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Aircraft Lighting Market: Breakup by Light Type (in %), 2023

Figure 5: Global: Aircraft Lighting Market: Breakup by Technology (in %), 2023

Figure 6: Global: Aircraft Lighting Market: Breakup by Aircraft Type (in %), 2023

Figure 7: Global: Aircraft Lighting Market: Breakup by Aircraft Design (in %), 2023

Figure 8: Global: Aircraft Lighting Market: Breakup by Installation Type (in %), 2023

Figure 9: Global: Aircraft Lighting Market: Breakup by Region (in %), 2023

Figure 10: Global: Aircraft Lighting (Exterior Lights) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Aircraft Lighting (Exterior Lights) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Aircraft Lighting (Interior Lights) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Aircraft Lighting (Interior Lights) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Aircraft Lighting (LED) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Aircraft Lighting (LED) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Aircraft Lighting (Fluorescent) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Aircraft Lighting (Fluorescent) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Aircraft Lighting (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Aircraft Lighting (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Aircraft Lighting (Commercial Aircraft) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Aircraft Lighting (Commercial Aircraft) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Aircraft Lighting (Military Aircraft) Market: Sales Value (in Million

US\$), 2018 & 2023

Figure 23: Global: Aircraft Lighting (Military Aircraft) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Aircraft Lighting (Others) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Aircraft Lighting (Others) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Aircraft Lighting (Fixed Wing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Aircraft Lighting (Fixed Wing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Aircraft Lighting (Rotary Wing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Aircraft Lighting (Rotary Wing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Aircraft Lighting (Line-Fit) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: Aircraft Lighting (Line-Fit) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: Aircraft Lighting (Retrofit) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: Aircraft Lighting (Retrofit) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: North America: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: North America: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: United States: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: United States: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Canada: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Canada: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Asia-Pacific: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Asia-Pacific: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 42: China: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: China: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Japan: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Japan: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: India: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: India: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: South Korea: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 49: South Korea: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 50: Australia: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Australia: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 52: Indonesia: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Indonesia: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 54: Others: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Others: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 56: Europe: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Europe: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 58: Germany: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: Germany: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 60: France: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: France: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 62: United Kingdom: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 63: United Kingdom: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 64: Italy: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Italy: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 66: Spain: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Spain: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 68: Russia: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Russia: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 70: Others: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Others: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 72: Latin America: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 73: Latin America: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 74: Brazil: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Brazil: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Mexico: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Mexico: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Others: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: Others: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 80: Middle East and Africa: Aircraft Lighting Market: Sales Value (in Million US\$), 2018 & 2023

Figure 81: Middle East and Africa: Aircraft Lighting Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 82: Middle East and Africa: Aircraft Lighting Market: Breakup by Country (in %), 2023

Figure 83: Global: Aircraft Lighting Industry: SWOT Analysis

Figure 84: Global: Aircraft Lighting Industry: Value Chain Analysis

Figure 85: Global: Aircraft Lighting Industry: Porter's Five Forces Analysis



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