

## **Aircraft Lighting Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 96 pages | Mordor Intelligence

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### **Report description:**

The aircraft lighting market is anticipated to record a CAGR of more than 3% during the forecast period.

The COVID-19 pandemic has drastically affected the line-fit aspect of aircraft lighting. Several airlines have deferred their delivery schedules and forced the aircraft OEMs to reduce their monthly rate of production of new aircraft. However, the aftermarket prospects of aircraft lighting have increased as, in the absence of new aircraft, airlines prefer to modernize the cabin layout of their existing fleet to retain their level of service at par with their new counterparts. Certain factors such as the rising adoption of innovative cabin lighting and the growing demand for luxury air travel are anticipated to drive the market during the upcoming period.

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### **Aircraft Lighting Market Trends**

#### **The Interior Lights Segment is Expected to Dominate the Market**

The demand for the newer generation interior lights in the aircraft is estimated to grow rapidly over the forecast period owing to the ongoing cabin modernization programs of several aircraft operators, especially commercial airlines. The widespread adoption of LED ambient lighting technologies across new generation aircraft has also triggered cabin retrofitting activities in older

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generation aircraft to maintain homogeneous service quality in the entire fleet. Aircraft OEMs and airlines are now focusing on modernized cabins to enhance the passenger experience. In September 2021, Lufthansa started operations with its first Airbus 321neo with its new Airspace Cabin. The new cabin design includes a significant change in the lighting scheme. The cabin design and the entrance area are extensively redesigned to appear brighter and friendlier. The Human Centric Lighting, a specially programmed, flexible lighting system, illuminates the cabin in tones from warm red land to colder blue light. The light in the aircraft cabin can be customized depending on the time of day or night. To improve passenger experience, airlines are expected to invest in new LED lighting in the coming years. Also, to enhance the safety of the passengers during the COVID-19 pandemic, airlines have also used new lighting systems such as the ultraviolet sanitizing lights that can be fitted into panels and deployed when the aircraft is empty to destroy viruses and germs on the surfaces. Thus, the airlines' focus on enhancing passenger safety, along with in-flight experience, is expected to drive the growth of the segment during the forecast period.

#### Asia-Pacific to Grow with the Highest CAGR During the Forecast Period

Over the last decade, Asia-Pacific has been the focal point of business activities, with countries such as China, India, and Japan witnessing a high number of foreign investments, which has resulted in rapid economic growth. This has contributed a fair bit to the overall growth of the region's aviation sector in terms of flight frequency and enhanced customer experience. The success of the low-cost carrier (LCC) model has contributed to a steady rise in passenger traffic in the region. It has also created significant opportunities for aircraft and associated system manufacturers like the lighting systems manufacturers. The demand for new aircraft is expected to be the highest in Asia-Pacific as the revenues of the airlines recover from the impact of the COVID-19 pandemic and new airlines emerge. Airlines in the region are ordering new aircraft in large quantities. For instance, in November 2021, Akasa Air, the upcoming Indian airline, announced the carrier had ordered 72 737 MAX aircraft. The order includes two variants from the 737 MAX family, including the 737-8 and the high-capacity 737-8-200. Such developments are expected to help the growth of the commercial aircraft segment in the region. On the other hand, the region is also expected to witness the highest demand for military aircraft, with countries like China, India, Japan, South Korea, and Australia poised to add several new military aircraft to their fleet during the forecast period, which is expected to drive the aircraft lighting market in Asia-Pacific during the forecast period.

#### Aircraft Lighting Market Competitor Analysis

The aircraft cabin lighting market is characterized by the presence of many international vendors. The market is highly competitive, with players competing to gain higher market shares. Raytheon Technologies Corporation, STG Aerospace, Honeywell International Inc., Safran SA, and Cobham Limited are some of the prominent players in the market. Price fluctuations of LED components, stringent regulatory norms, and delays in aircraft delivery are the key factors threatening the growth of the market. Vendors must offer advanced lighting systems to sustain themselves in an intensely competitive environment. In-house manufacturing capabilities, global footprint network, product offerings, R&D investments, and a strong client base are the key areas for retaining an edge over competitors. Improving global economic conditions are expected to fuel the market growth during the forecast period, thereby making it ideal to adopt new-generation aircraft. The market's competitive environment is expected to intensify during the forecast period due to a surge in product and service extensions and technological innovations.

#### Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

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