

Americas Aircraft Lighting - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

Market Report | 2024-02-17 | 85 pages | Mordor Intelligence

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Report description:

The Americas Aircraft Lighting Market size is estimated at USD 307.87 million in 2024, and is expected to reach USD 474.34 million by 2029, growing at a CAGR of 9.03% during the forecast period (2024-2029).

The importance of interior lighting in aircraft has risen from being an essential part of an aircraft to being a prominent component in enhancing the overall passenger experience. American airline companies are focusing on modernized cabins with advanced interior lighting to improve the passenger experience. The growth in air passenger traffic due to development in the business ecosystem, tourism, etc. is propelling the demand for new commercial and general aviation aircraft in the region. Additionally, the airlines in the region are moving toward advanced LED lighting as it helps the airlines eliminate various drawbacks of the existing interior cabin lights in terms of efficiency, reliability, durability, and weight. The widespread adoption of LED ambient lighting technology on next-generation aircraft has enabled modernization activities to maintain a consistent service quality on board.

Americas Aircraft Lighting Market Trends

Commercial Aircraft Segment Held the Largest Market Share

Americas is one of the regions that generate the highest demand for commercial aircraft in the world, mainly due to high domestic and international commercial aviation passenger traffic. To address the growing passenger traffic in the region several airlines are adding new routes and increasing their fleet size by procuring new aircraft. In December 2022, United Airlines ordered 100 Boeing B787 Dreamliners with options to purchase 100 more. The airline expects to take delivery of the new widebody planes between 2024 and 2032. All of these 100 Boeing B787s are expected to have enhanced programmable LED mood lighting throughout the aircraft's cabin. The airline implemented these cabin lighting features with a focus on premium travel experience.

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On the other hand, several airlines are retrofitting their cabins with newer lighting systems to enhance the passenger experience. Many Canadian airlines are going through the fleet renewal and expansion phase. For instance, in March 2022, Air Canada announced that it plans to add 26 extra-long-range versions of the Airbus A321neo aircraft as part of its narrowbody fleet renewal. Such developments are expected to help the growth of the market in the region during the forecast period.

United States is Expected to Account for a Major Share in the Market

The modern airline industry places passenger experience at the heart of its operations. Cabin lighting is no longer just about illumination it's about enhancing passenger comfort and well-being. The incorporation of adjustable colour temperatures, dynamic lighting scenarios, and simulated natural lighting patterns has been shown to influence passengers' moods, sleep patterns, and circadian rhythms.

The demand for aircraft lighting in the US is mainly driven by the large procurements of new aircraft by leading airlines. These airline operators are opting for advanced LED lighting systems to provide enhanced infrastructure to increase customer satisfaction levels and reduce maintenance costs. United Airlines ordered 50 Boeing B737MAX-8s, 150 B737MAX-10s, and 70 Airbus A321neos with deliveries starting in 2023. All of these new aircraft will come with a new signature interior that also includes LED lighting. Similarly, Jetblue Airways has added Airbus A320neo to its fleet since 2021. The airline announced that this aircraft was installed with custom LED mood lighting to provide a soothing inflight experience with lighting scenarios that change with the time of day or phase of flight. Furthermore, airlines such as Jetblue Airways, United Airlines, and Delta Airlines are conducting trials with UV lighting technology to sterilize 99.9% of the virus within 30 seconds. Overall, with developments such as these, the market is expected to grow significantly in the forecast period.

Americas Aircraft Lighting Industry Overview

The Americas aircraft lighting market is semi-consolidated in nature. Some prominent players in the market include Collins Aerospace (RTX Corporation), STG Aerospace Limited, Oxley Group, Honeywell International Inc., and Astronics Corporation. The market players focus on innovations to provide aircraft operators with cutting-edge lighting technology at a reasonable cost. The market is also witnessing partnerships between manufacturers, distributors, and suppliers to ensure the availability of aircraft lighting systems and components for the old fleet of aircraft. Aircraft manufacturers in the region are working in close synergy with aircraft lighting solution providers to develop cost and power-efficient lights that will complement and enhance the flying experience of passengers, thereby helping the growth of the players during the forecast period.

Additional Benefits:

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

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