

North America Commercial Aircraft Cabin Lighting - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The North America Commercial Aircraft Cabin Lighting Market size is estimated at 70.28 million USD in 2025, and is expected to reach 85.64 million USD by 2030, growing at a CAGR of 4.03% during the forecast period (2025-2030).

Airlines opting for advanced LED lighting to enhance passenger experience and reduce weight of aircraft

- The importance of cabin 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. North American airline companies are focusing on modernized cabins with advanced interior lighting to improve the passenger experience. 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 cabin modernization activities to maintain a consistent service quality on board.
- As domestic aviation demand has increased, the narrowbody aircraft segment is expected to rebound faster than widebody aircraft. Thus, it is expected that high-service carrier narrowbody aircraft will create a huge demand in the market. In terms of deliveries during 2017-2022, a total of 2,049 aircraft were procured by various airlines in the region. Of these total 2,049 aircraft, narrowbody aircraft accounted for 92%, and widebody aircraft accounted for 8%. Furthermore, in recent years, there has been an increase in the deliveries of new commercial passenger aircraft, contributing to the market's growth. For instance, United Airlines ordered 270 Boeing 737 MAX planes and Airbus A320s. In addition, Delta Airlines placed orders for 100 Boeing 737-10 aircraft, with an option for 30 more. Such orders are expected to boost the aircraft lighting market. During 2023-2030, a total of 2,885 aircraft are expected to be delivered.

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Airlines opting for modernized cabins and the growth of narrowbody aircraft are driving demand

- The importance of cabin 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. North American airline companies are focusing on modernized cabins with advanced interior lighting to improve the passenger experience. The widespread adoption of LED ambient lighting technology on next-generation aircraft has enabled cabin modernization activities to maintain a consistent service quality on board.
- The commercial aircraft segment is expected to experience significant growth during the forecast period, primarily driven by the demand for narrowbody aircraft due to the growing number of domestic passengers in North America. Major commercial aircraft manufacturing OEMs, Boeing and Airbus, are expected to deliver a large number of aircraft in the North American region. Fleet development of the aircraft, increase in demand for fuel-efficient aircraft, growth in the number of airline passengers, and the airline industry's consideration of the zero-emission 2050 goal fuel the demand for commercial aircraft. As of August 2023, the region has a backlog of 1,474 Boeing aircraft and 986 Airbus aircraft.
- The surge in aircraft procurement numbers due to the addition of new routes in developing countries, such as Mexico, is expected to boost the demand for interior cabin lighting in this region. Factors such as the increasing adoption of innovative cabin lighting systems and the increasing demand for luxury air travel are aiding the demand for commercial aircraft cabin lighting in North America. During the forecast period, the market studied is expected to grow by 1.67%.

North America Commercial Aircraft Cabin Lighting Market Trends

The aviation industry's growth is fueled by the recovery of air travel and the high volume of aircraft orders placed by various airlines

- Ongoing political tensions between China and the United States have impacted Boeing, and it now plans to remarket some B737 MAX jets earmarked for Chinese customers. Boeing is encountering a challenging predicament since Chinese airlines have stopped placing orders for its aircraft. However, the Boeing delivery center, located in Zhoushan, China, is fully prepared and anticipated to recommence the delivery of 737 MAX aircraft. It is worth noting that the Zhoushan facility has the capacity to house up to 100 aircraft every year.
- Year-to-date, Airbus accumulated 1,044 net new orders (1,080 gross orders), compared to 259 net new orders (442 gross orders) in the first half of 2022. In 2022, Airbus booked 820 net new orders (1,078 gross orders), surpassing both 2021 gross orders and net new orders. In 2022, Airbus won the orders crown for the fourth consecutive year by a fairly slim margin of just 46 aircraft compared to Boeing. In 2021, Airbus booked a total of 771 gross orders and received 264 cancellations, for a total of 507 net new orders. In June 2023, Airbus booked orders for a whopping 902 aircraft for 12 different customers and reported two A321neo cancellations, for a total of 900 net new orders.
- Year-to-date, Boeing has accumulated 415 net new orders (527 gross orders), compared to 186 net new orders (286 gross orders) in the first six months of last year. In 2022, Boeing booked 774 net new orders (935 gross orders), up from 479 net new orders (909 gross orders) in 2021. As of June 2023, Boeing booked orders from nine customers for a total of 304 jets (gross orders). However, the company also reported 16 777X cancellations, resulting in 288 net new orders.

Rising economy, increase in tourism industry and ease of restrictions are the driving factors for a consistent air passenger traffic growth in North America

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- North America's vast landmass and diverse destinations make it a popular choice for millions of passengers who choose to fly both domestically and internationally. Factors such as a growing economy, increased affordability of air travel, and a rising middle class have contributed to a significant uptick in air passenger traffic. Air passenger traffic in the United States reached 1.04 billion in 2022, up by 7% compared to 2021 and 12% compared to 2019. In 2022, from January through December, US airlines carried 853 million passengers, up from 658 million in 2021 and 388 million in 2020. The total number of passengers carried by airlines in Canada reached 107 million in 2022, surpassing the levels in 2021 by 6%. In 2022, Mexico had 100 million air passenger traffic, representing a 7% growth compared to its 2021 traffic levels. North America has benefitted from fewer and shorter-lasting travel restrictions than many other countries and regions. This has boosted domestic travel in the large home market, as well as international travel. Net profits in the region are expected to rise from USD 9.9 billion in 2022 to USD 11.4 billion in 2023.
- To cater to the demand driven by air passenger traffic, various airlines in the region are planning to procure new aircraft. For instance, around one-third of global aircraft deliveries in 2023 were anticipated to be received by various carriers in North America. Although the region's aircraft deliveries were already above 2019 levels in 2022, they were expected to grow by an additional 72 units in 2023. Overall, with consistent air travel, the region's air passenger traffic is expected to increase by 1.7 billion in 2030 compared to 1.2 billion recorded in 2022.

North America Commercial Aircraft Cabin Lighting Industry Overview

The North America Commercial Aircraft Cabin Lighting Market is fairly consolidated, with the top five companies occupying 83.41%. The major players in this market are Astronics Corporation, Collins Aerospace, Diehl Aerospace GmbH, Luminator Technology Group and SCHOTT Technical Glass Solutions GmbH (sorted alphabetically).

Additional Benefits:

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

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