

Commercial Aircraft Cabin Lighting - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2030

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Report description:

The Commercial Aircraft Cabin Lighting Market size is estimated at USD 301.47 million in 2024, and is expected to reach USD 442.33 million by 2030, growing at a CAGR of 6.60% during the forecast period (2024-2030).

Key Highlights

- Narrowbody is the Largest Aircraft Type : A fleet of narrowbody aircraft adds flexibility in terms of fleet management and helps reduce the operating costs of airlines, resulting in its rapid adoption. The increasing demand for low-cost, AI-based interior lighting system technology in the aviation industry is fueling the market.
- Widebody is the Fastest-growing Aircraft Type : Widebody aircraft are primarily designed for long-haul flights. Cabin illumination products are installed in the cabins of widebody aircraft to enhance passenger experience and reduce jetlag on long-haul flights, thereby increasing the market demand.
- Economy and Premium Economy Class is the Largest Cabin Class : The economy and premium economy cabin classes benefit from the growing emphasis on fleet expansion, passenger amenities, and comfort.
- North America is the Largest Region : The rising domestic and international air traffic levels in the region are driving the airlines to procure more aircraft, thereby boosting the growth of the regional commercial aircraft cabin lighting market.

Commercial Aircraft Cabin Lighting Market Trends

Narrowbody is the largest Aircraft Type

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- The narrowbody aircraft dominated the market with 83% of the deliveries during 2017-2022. The overall passenger aircraft category, including narrowbody and widebody, witnessed a decline of 30% in 2020 due to restrictions on travel, including domestic and international routes. The procurement of new aircraft was also affected due to delays by airline companies in adding new aircraft to their fleets.
- With the increasing number of air passengers, airlines are expected to invest in aircraft cabin lighting to enhance the passenger experience. They are equipping their newer aircraft with LED lights instead of incandescent lights, as they can illuminate the entire cabin and give the same effect as mood lighting. LED lights are more pleasant and durable than incandescent lights.
- The fleet expansion plans of airlines to cater to the growing passenger traffic are also expected to aid the cabin lighting demand. For instance, in 2022, Latin American airline LATAM placed an order for 17 Airbus A321neo medium-range jets. The A321neo is the longest fuselage aircraft in the Airbus A320 family and can accommodate 180-220 passengers in a typical two-class interior. Around 10,000+ aircraft are expected to be delivered during 2023-2029.

North America is the largest Region

- Customer experience is always a top priority for airlines. Airlines ensure a positive travel experience for their passengers. Thus, they are focusing on providing new, innovative products (such as mood lighting) that play an important role in defining the complete passenger experience during their travel.
- The increasing air passenger traffic is generating the demand for cabin lighting and driving new aircraft procurements and orders. On this note, in 2021, air passenger traffic in North America, Europe, Asia-Pacific, and the Middle East was 4.3 billion, a growth of 167% compared to 2020.
- Significant aircraft orders placed by numerous airlines are also driving demand for aircraft cabin lighting. United Airlines announced an order of 270 narrowbody aircraft, with deliveries set to begin in 2023, all of which would be equipped with LED mood lighting. In July 2022, Delta Air Lines placed orders for 100 Boeing 737s, which would feature LED lighting. In September 2021, Lufthansa announced that Human Centric Lighting, a specially programmed, flexible lighting system, was installed on its new Airbus A320neo fleet to enhance the travel experience for passengers.
- Similarly, in April 2022, Etihad Airways announced its plans to install LED mood lighting in its 15 new A350-1000 aircraft to improve the guest experience and lessen jetlag. Likewise, in April 2022, Qatar Airways announced that it installed touch points with programmable LED mood lighting in its fleet of 48 new B777X aircraft to optimize the cabin environment according to flight phases.

Commercial Aircraft Cabin Lighting Industry Overview

The Commercial Aircraft Cabin Lighting Market is fairly consolidated, with the top five companies occupying 91.36%. 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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