

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

Market Report | 2024-02-17 | 115 pages | Mordor Intelligence

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Report description:

The Asia-Pacific Commercial Aircraft Cabin Lighting Market size is estimated at USD 119.69 million in 2024, and is expected to reach USD 216.72 million by 2030, growing at a CAGR of 10.40% 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 airlines' operating costs, thereby 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 : The introduction of new routes in Asia-Pacific has propelled the widebody segment, with airlines focusing on improving passenger comfort.
- China is the Largest Country : The growing number of aircraft procurement by low-cost airlines and the increasing regional aviation boosted the growth of the economy and premium economy cabin classes in North America.
- North America is the Largest Region : The presence of a large fleet of passenger aircraft in the country and healthy demand for new aircraft aided China in becoming the largest cabin lighting market in the region.

Asia-Pacific Commercial Aircraft Cabin Lighting Market Trends

Narrowbody is the largest Aircraft Type

- By body type, passenger aircraft are segmented into narrowbody and widebody aircraft. The narrowbody aircraft segment

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dominated the market in terms of the number of deliveries, with 86% of the deliveries during 2017-2022. In 2020, the overall passenger aircraft category, including narrowbody and widebody, witnessed a decline of 35% in the region. Travel restrictions imposed on domestic and international routes and delays in airline companies adding new aircraft to their fleets during this period resulted in the suspension of aircraft procurement programs.

- The adoption of narrowbody aircraft in the longer haul routes by airlines in Asia-Pacific has increased, further aiding the deployment of mood-based cabin lighting in these aircraft. Airlines such as Singapore Airlines and All Nippon Airways are focusing on adopting mood-based lighting to improve the customer experience.
- The general benefits of LED technology over conventional lighting have been recognized in the last decade, and cabin lighting remains a major element in offering passengers an enhanced in-flight experience. Around 3,000+ aircraft are expected to be delivered in the region from 2023 to 2029. Through their huge aircraft orders for both narrowbody and widebody aircraft, these airlines are projected to drive the growth of commercial aircraft lighting during the forecast period.

China is the largest Country

- The Asia-Pacific region is expected to be one of the fastest-growing markets for aircraft cabin lighting during the forecast period. Despite the impact of the pandemic on the Asia-Pacific aviation industry, domestic passenger traffic grew gradually in 2021, accounting for 27.5% of the global air passenger traffic.
- The rising per capita income of the population due to increased economic and infrastructure development also aided the growth of the number of air passengers and supported the fleet expansion plans of domestic and regional airlines.
- In the past few years, major countries in the region, like China, India, and Japan, witnessed a rapid increase in passenger traffic, resulting in large orders for new aircraft from airlines operating in the region. China is driving the commercial aviation space in Asia-Pacific. It is also the largest aviation market globally. The country has developed an indigenous aircraft COMAC C919, deliveries of which were planned to start in 2022.
- The rising number of aircraft deliveries of new commercial passenger aircraft positively drove the growth of the cabin lighting market. In 2021, Boeing delivered 91 aircraft in the region, while Airbus delivered 30% of its aircraft.
- LEDs dominate the aircraft cabin lighting market because they are energy efficient and produce brighter light than traditional (incandescent) bulbs. LED lights have an average MTBF (mean time between failures) of approximately 10,000 hours or 10 years compared to approximately 1,000 hours or 1-2 years for conventional incandescent lights.

Asia-Pacific Commercial Aircraft Cabin Lighting Industry Overview

The Asia-Pacific Commercial Aircraft Cabin Lighting Market is moderately consolidated, with the top five companies occupying 61.82%. The major players in this market are Collins Aerospace, Diehl Aerospace GmbH, Luminator Technology Group, SCHOTT Technical Glass Solutions GmbH and STG Aerospace (sorted alphabetically).

Additional Benefits:

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

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