

CABIN LIGHTING UPGRADES

CABIN ILLUMINATION,
LIGHT DESIGN AND SERVICES

DIEHL AVIATION – MARKET LEADER FOR CABIN ILLUMINATION

More than 5 decades of expertise in aircraft cabin illumination

Diehl Aviation has vast experience in well being for the passenger. From cabin lighting to accent illumination - we are familiar with the entire development process and are experts in all its variations.

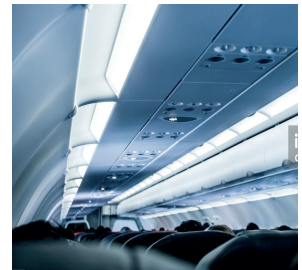
Market Leader in Cabin Lighting

OEM products for nearly all aircraft - market leader in OEM solutions, with a broad portfolio and comprehensive service support for all Airbus, Boeing and Embraer aircraft, meeting the highest standards of quality.

LIGHTING UPGRADES

Diehl Aviation has vast experience in designing and integrating cabin lighting, with a specialization in premium light appearance. With our extensive line-fit expertise and portfolio, we offer a wide range of options to enhance your aircraft.

- Comprehensive hardware upgrades for aircraft retrofits, offering plug-and-play solutions for efficient installation and optimized performance.
- We specialize in bespoke lighting designs that enhance cabin ambiance through color and illumination. Whether upgrading existing systems or enhancing aircraft delivered with LED lighting, our solutions combine aesthetics and functionality with high luminosity, maximum color fidelity, and seamless plug-and-play integration for easy handling, safe installation, and long-term reliability.



CABIN LIGHTING UPGRADE SOLUTIONS

Airbus A320, 330, A380



Cabin LED Unit (CLEDU)

Designed as a true **form-fit-function** solution, CLEDU replaces older IBU/AIBU units with fluorescent tubes. The CLEDU system is available for all **Airbus A320, A330 and A380** aircraft with enhanced cabin interface as well as classic aircraft with discrete control.

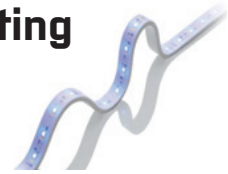
Boeing 777



ALL LED FAMILY

Diehl Aviation offers a **plug-and-play upgrade** – a complete system in OEM line-fit quality with **integrated scenario control**. The LED 777 series remains fully compatible with Boeing 777-200 and 777-300 enhanced aircraft, providing a proven, high-quality lighting solution.

Accent lighting



CABIN ENHANCEMENT

In addition to primary cabin illumination, we offer **system integrated accent lighting solutions for all major aircraft programs**, including innovative Flex Light options. Our advanced flexible lighting enhances the cabin ambiance while ensuring seamless integration and superior performance.

Weight Savings

Reduction in weight by up to 60%¹

Savings in Spares

Reduction on spares for tubes and **Increased reliability** by up to 315%¹

Savings

Power - Savings

Reduction in power consumptions by up to 85%¹

¹comparison of legacy Diehl Aviation line-fit products of main cabin illumination with the upgrade solution, depending on the product and aircraft program

Diehl Aviation Main Cabin Illumination is OEM certified

All shipments come with EASA Form 1 - We upgrade your lighting system with ease

Certification and Integration Support (data package)

Turnkey solution by Diehl Aviation or your preferred partner