

DYNAMIC COLOR DISPLAY

**BOOST YOUR CABIN
EXPERIENCE**

CHARACTERISTICS

As a pioneer in advanced lighting technologies, Diehl Aviation has consistently shaped the industry with forward-thinking features and design innovations. With the Dynamic Color Display, the company now introduces the next evolution of smart surface illumination for aircraft cabins. LED matrix technology is seamlessly integrated into cabin lining panels – regardless of their size or installation location. Ceiling panels, bulkheads, monument walls, or sidewalls can all be transformed into animated visual surfaces wherever airlines seek unique and immersive lighting experiences. Because each LED on the electronic surface boards is individually controllable, the design possibilities are nearly limitless: gently drifting clouds across the ceiling, cascading waterfalls on a monument wall, softly shimmering ambient patterns, and countless other artistic or informational visual effects. The system integrates effortlessly into the aircraft's Cabin Management System, allowing perfect synchronization with cabin lighting scenes and other visual applications. This creates a harmonized and holistic passenger experience tailored to any mood, ambiance, or brand identity.

The Dynamic Color Display technology has been developed by Diehl Aviation as part of an advanced Research & Technology program and is now ready for real-world implementation.

BENEFITS

- Unlimited creative freedom thanks to fully customizable, flexible design options
- Dynamic, animated visuals for immersive cabin experiences
- Seamless integration on virtually any flat cabin surface
- Complete CMS-control for synchronized lighting and smooth operation