

CABIN LIGHTING

INSPIRED BY THE SUN –
INTERPRETED FOR THE SENSES

DIEHL
Aviation

Climbing higher.
Together

CHARACTERISTICS

The “color rendering index” (CRI) of Diehl Aviation cabin illumination is very close to that of sunlight. Light quality is also reflected in the durability of a solution like integrated aging compensation. This keeps total costs as low as possible while easily allowing for a replacement anytime it is necessary. Specially coordinated algorithms ensure that every possible hue can be realized simply with software controls. The importance of “human-centric lighting” continues to grow and it affects the chronobiological rhythm of humans. In an aircraft cabin this can be used to increase the well-being of passengers, reduce the fear of flying and reduce jetlag.

BENEFITS

- Minimal installation space of less than 1 x 1 inch can be realized
- Maximum color fidelity and consistent luminosity for years
- From the OEM industry leader: retrofit solutions are available

FEATURES

- Complete color range, high luminosity
- Excellent light quality
- Long-term research partnerships with leading LED manufacturers
- Human centric lighting
- Robust design for easy handling and safe installation as well as an optimized maintenance concept

