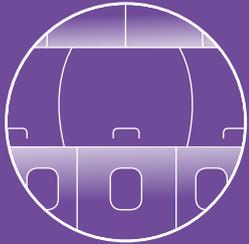


# liteMood® Lighting system



liteMood®

## Boeing

liteMood® is an easy and affordable way for large commercial and regional aircraft to retrofit dated fluorescent lighting systems with the latest LED technology. Designed to work with existing wiring and interfaces, installation couldn't be simpler - just plug and play.



Can be installed easily  
in just eight hours



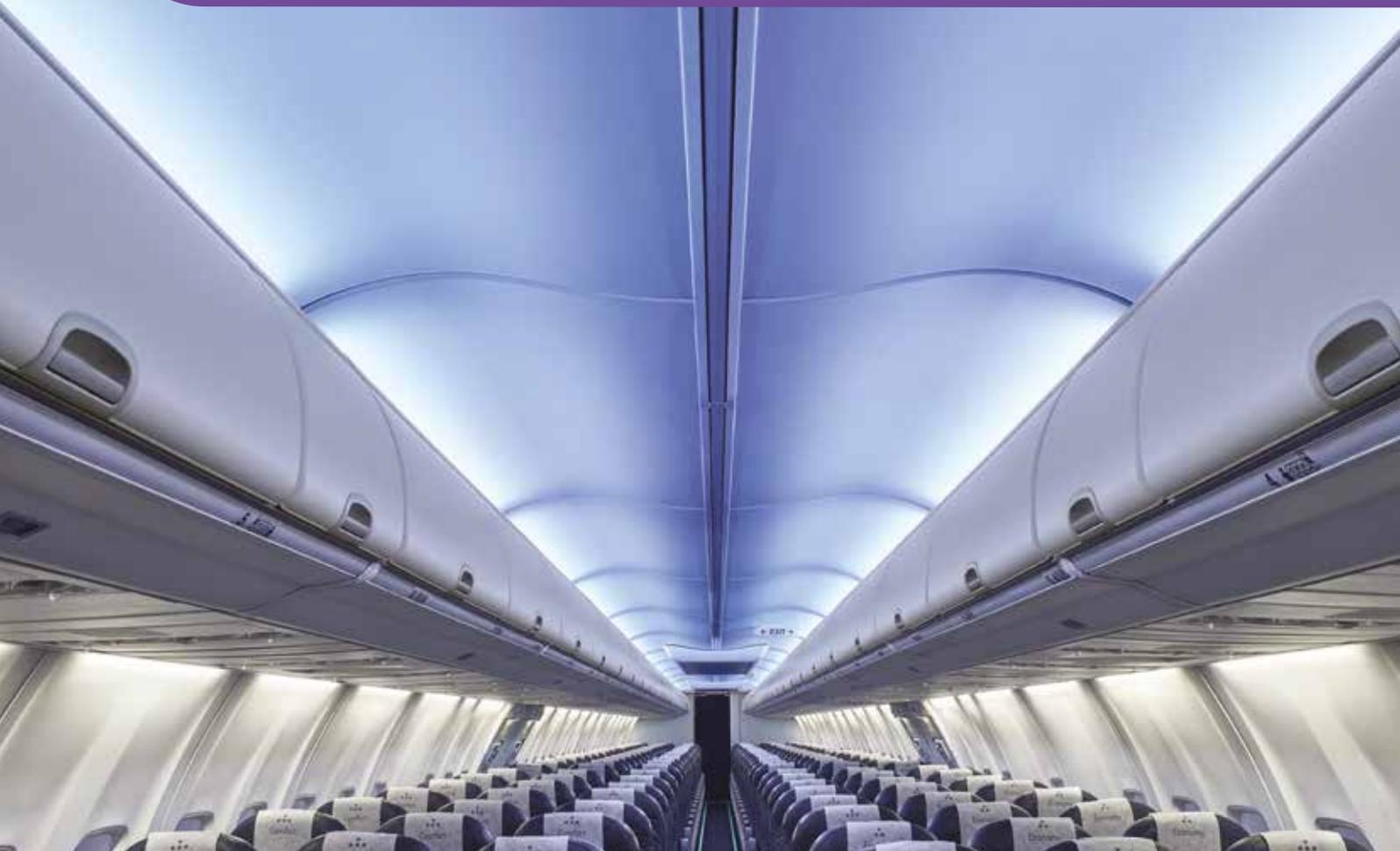
Uses 50% less power than  
traditional lighting systems



10 times more reliable  
than halogen



Fully compatible with  
existing aircraft  
electrical systems



Bright ideas.  
Brilliant solutions.

 stg aerospace®

## liteMood®

### Technical Specification

#### FAA / EASA

EASA (Minor Change Approval or STC) & FAA (STC) Approved for Boeing 737NG /757

#### Input Power Consumption

5.3W to 31.5W typical

#### Power Saving

Consumes 50% less power on 737NG or 757

#### Reliability

Greater than 10x original fit fluorescent lighting systems

#### Light Quality

- ▶ liTeMood® Bright Setting  
4000 CRI: 83
- ▶ liTeMood® Blue Setting  
CCT: 22000 CRI:14

#### Weight Reduction

Up to 36.5kg less on 757

#### Operating Voltage

115V / 400 hz

#### MTBF Rate

In excess of 100,000 hours

#### Dimension (long tube)

Ceiling 1830mm  
Sidewall 906mm

#### Dimensions (short tube)

Ceiling 486mm  
Sidewall 370mm

#### Environmental

Environmentally tested and certified to RTCA/DO-160

#### Compatibility

Fully compatible with all existing aircraft electrical systems, including; Bruce Aerospace, Diehl & Page Aerospace

#### Installation Time

liTeMood® is installed in just 8 hours

#### Meets Regulatory Charging Requirements

FAA and EASA approved for the charging of saf-Tglo®

# Enhance your passengers' experience

liTeMood® is an affordable after-market bi-colour mood lighting solution designed to create an enhanced cabin and positively contribute to your passengers' well-being.

Crew can easily switch between several lighting levels, providing passengers with aesthetic cues to mark the various stages of flight. The unique patented wireless programmability function allows light and colour saturation levels to be tailored on board through an infrared interface without

any changes to software, the aircraft, part number or certification.

liTeMood® also improves the on-board light quality, thanks to excellent photometric design and strict LED bin control that delivers enhanced saturation, light spread and consistency.

### Lower maintenance costs ▼



Can be installed easily in just eight hours, without the need for specialist tools.



Fully compatible with existing aircraft electrical systems.



Controlled via the existing interface - no need for expensive crew training.



Over 10x more reliable than the original fit fluorescent lighting systems.



Enhanced interior lifespan, suppresses light flickering and cabin discolouration.



MTBF in excess of 100,000 hours.

### Return on investment ▼

- ▶ **Weight saving:** Up to 40kg weight reduction on 737 or 757, significantly reducing fuel burn.
- ▶ **Optimises the retail environment:** A high CRI (Colour Rendering Index) renders colours more vividly, making magazines more readable, in-flight meals more enticing and on board merchandise more attractive for purchase.
- ▶ **Harmonises cabin interiors across fleets:** Narrows the gap in cabin appearance between legacy aircraft and those installed with the latest OEM LED lighting, for a fraction of the price.
- ▶ **More efficient:** Uses 50% less power than traditional fluorescent lighting systems, increasing aircraft electrical efficiency.

### Trusted by

liTeMood® is currently delivering exceptional performance across multiple airlines in Europe, USA and Latin America, including: Miami Air, TUI Group, La Compagnie, Air Europa and Titan Airways.

BI-COLOUR  
SYSTEM