

# 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 six hours



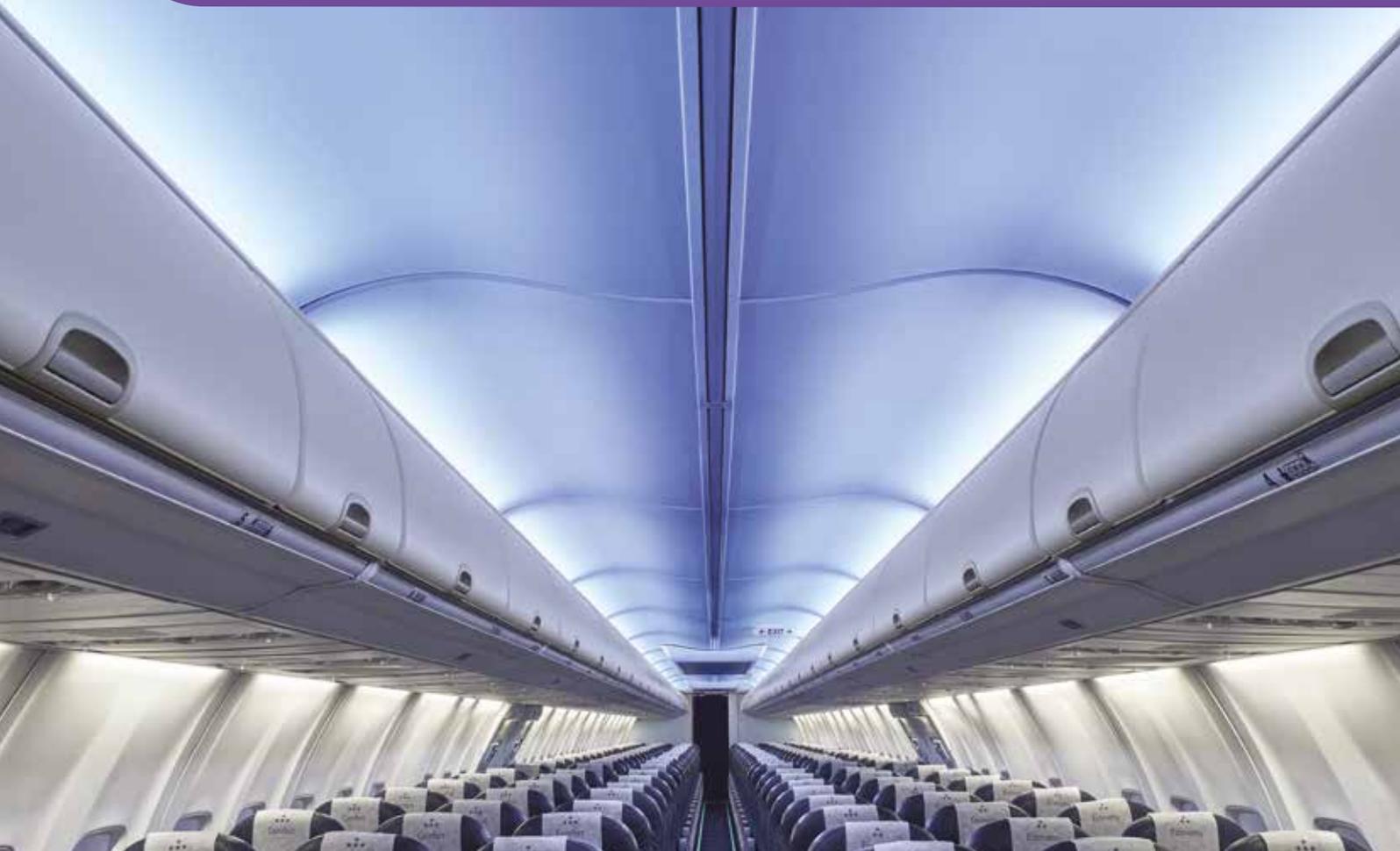
Up to 40kg weight saving  
on 757



10 times more reliable  
than fluorescent  
lighting



No changes required to  
aircraft wiring, connectors  
or controls



Bright ideas.  
Brilliant solutions.

 stg aerospace®

# liteMood®

## Technical Specification

### FAA / EASA

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

### 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 40kg less on 757

### Operating Voltage

115V / 400 hz

### Reliability

In excess of 800,000 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 under six hours

### Meets Regulatory Charging Requirements

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

# Enhance your passengers' experience

liTeMood® is an affordable plug and play after market LED 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® includes a range of LED ancillary lights and improves the on-board light quality, thanks to excellent photometric design, delivering enhanced saturation, light spread and consistency.

## Lower maintenance costs ▼



Easily installed in under six hours, without the need for specialist tools.



Uses existing aircraft wiring and connectors.



Controlled via the existing Flight Attendant Panel (FAP) with no modifications.



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



Enhanced interior lifespan, suppresses light flickering and cabin discolouration.



MTBF in excess of 800,000 hours.

## Return on investment ▼

- ▶ **Weight saving:** Up to 40kg weight reduction on 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.
- ▶ **Reliability:** MTBF in excess of 800,00 hours means less spares, logistics, re-cycling and labour costs of replacing fluorescent tubes.

## Trusted by

liTeMood® is currently delivering exceptional performance across multiple airlines in Europe, USA, Africa and Asia, including: Turkish Airlines, SpiceJet, Jejuair, TUI Group, Safair and Air Europa.



PROVEN  
PERFORMANCE