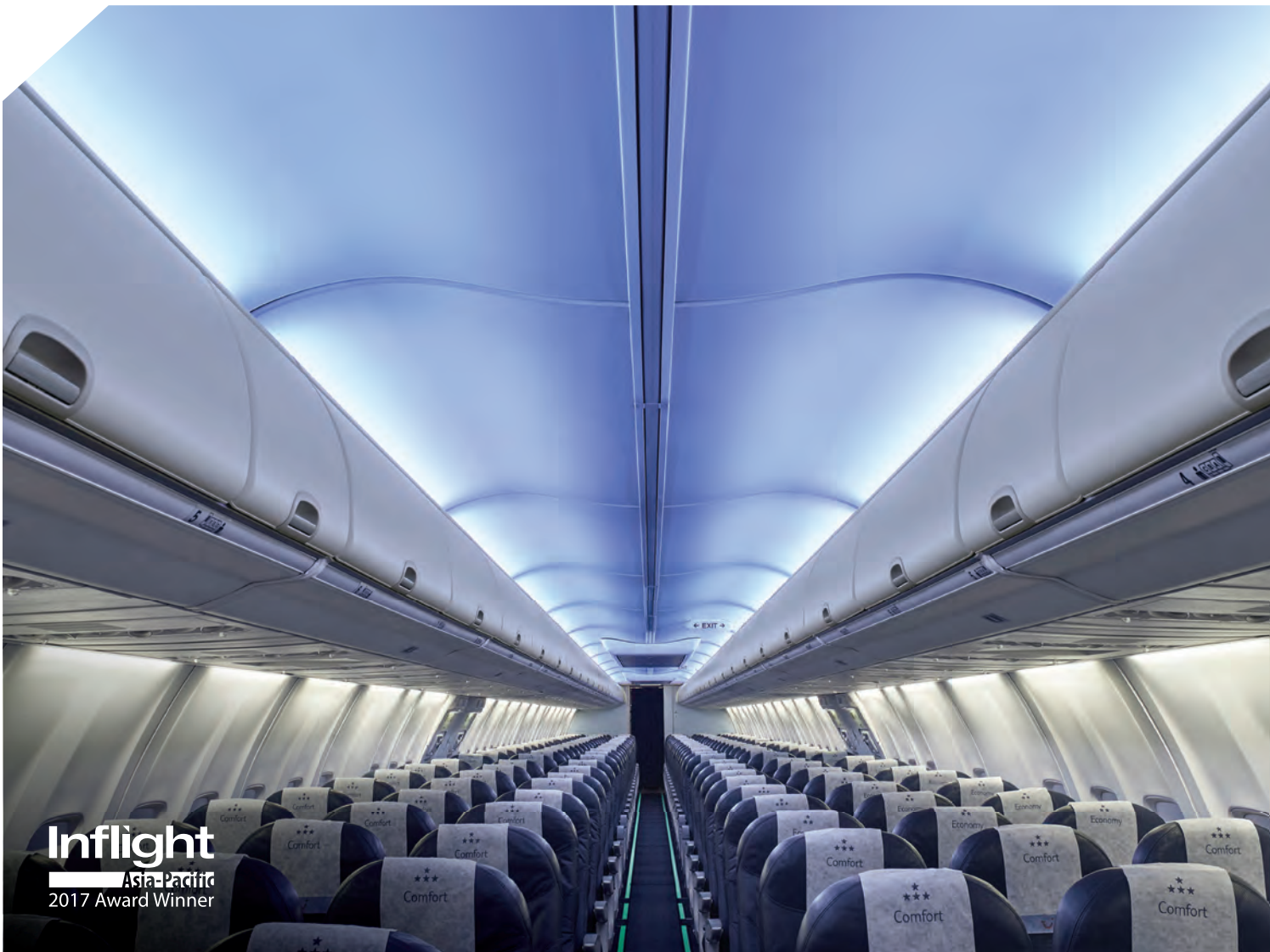


liteMood®

Boeing

Affordable after-market ambient lighting solution

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. Available for Boeing 737NG, 737 Classic and 757 series of aircraft.



Inflight
Asia Pacific
2017 Award Winner

Bright ideas.
Brilliant solutions.

 **stg aerospace®**




Enhance your passengers' experience

liTeMood® is an affordable after-market LED mood lighting solution designed to create an enhanced cabin ambience 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.





Installation Simplicity

-  Can be installed easily in less than 8 hours, without the need for specialist tools.
-  Controlled via the existing interface - no need for expensive crew training.
-  Fully compatible with existing aircraft electrical systems.

Lower maintenance costs

-  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 36.5kg saving on 757, significantly reducing fuel burn.
-  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.
-  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.
-  More efficient: Uses 50% less power than traditional fluorescent lighting systems, increasing aircraft electrical efficiency.

Trusted

liTeMood® is currently delivering exceptional performance across multiple airlines in Europe, USA, Latin America, Africa and Asia including:

- Spicejet
- Kenya Airways
- Titan Airways
- TUI Group
- Air Europa
- La Compagnie

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LTM_DS_03_18

Technical Specification

Approvals

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

Input Power Consumption

5.3W to 31.5W typical

Power Saving

Consumes 50% less power compared to fluorescent lighting systems

Light Quality

liTeMood® Bright Setting

✓ CCT: 4000 CRI:83

liTeMood® Blue Setting

✓ CCT: 22000 CRI:14

Weight Reduction

Up to 36.5kg available 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

Compatibility

Fully compatible with all existing aircraft electrical systems, including; Bruce, Diehl and Page Aerospace Ceiling Lighting Systems. Honeywell / Grimes Sidewall Lighting System.

Installation Time

liTeMood® is installed in less than 8 hours

Meets Regulatory Charging

liTeMood® has been designed to work directly with the charging of photoluminescent floor path marking systems and meets the FAA and EASA charging requirements for saf-Tglo®

Environmental

Environmentally tested and certified to RTCA DO-160G