

Cabin Lighting Solutions

Innovative lighting solutions that enhance the passenger journey

STG Aerospace has extensive know-how of designing, manufacturing and certifying unique cabin lighting systems to enhance the cabin experience, whilst delivering the most cost-effective solutions through the implementation of frugal customisation, for both airframes and airlines.



Trusted by Boeing since 2000



Rapid concept iteration



Designed for reliability



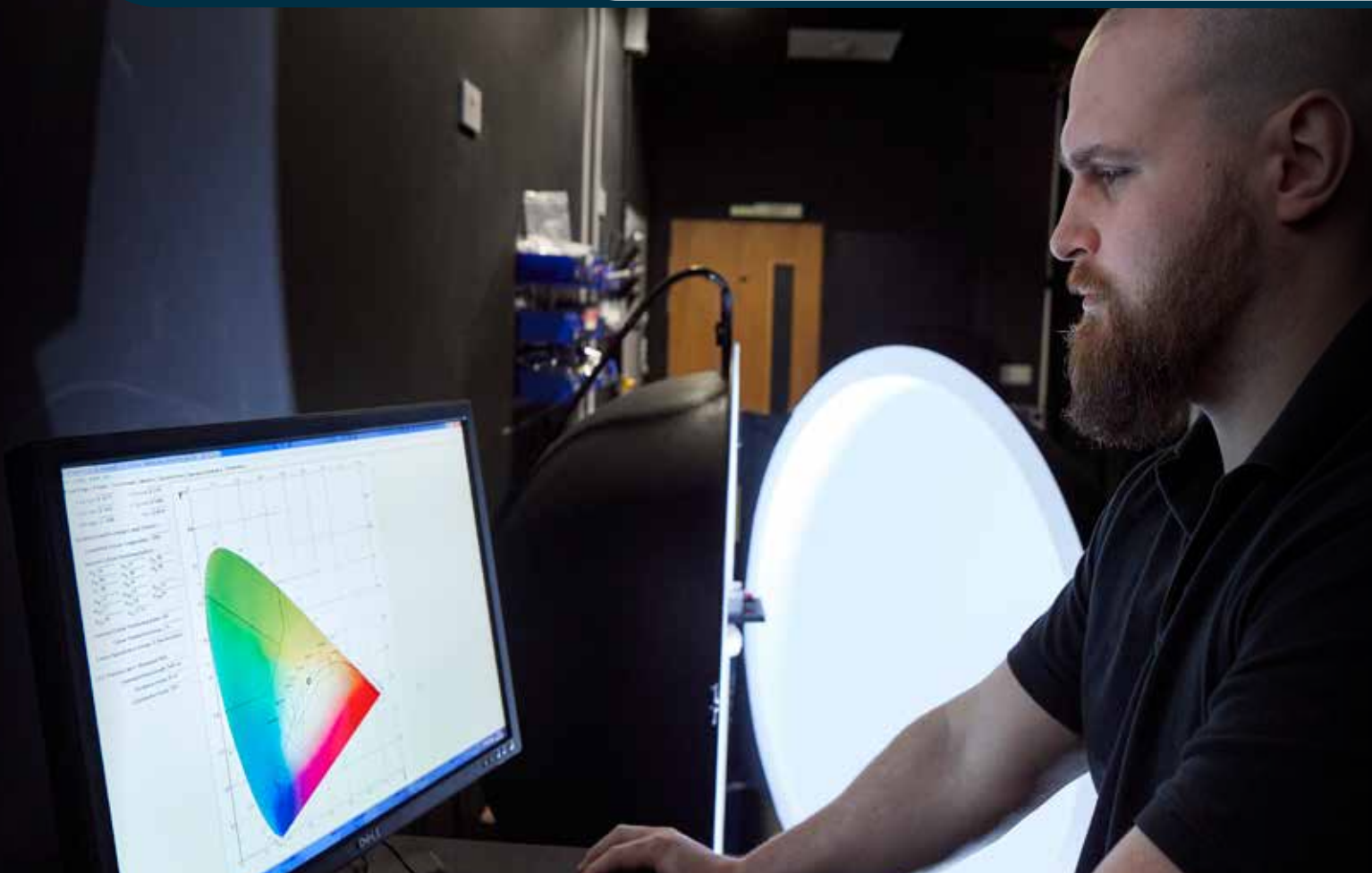
Mature technology,
frugal customisation



saf-Tglo[®]

saf-Tsign[®]

liteMood[®]



Bright ideas.
Brilliant solutions.

Services

- AS9100 organisation
- Complete NPI & in-service support
- DO-178C Software DAL
- DO-160G & D6 qualification testing
- On-wing support

Resources

- Mechanical support
- Electronic supply design, control & EMI optimisation
- Optical design & full photometric measurement in-house capability
- Optimum material selection with COTS utilisation & polymer design team expertise
- Qualification testing, validation & verification
- 24/7 AOG service

Certification

- EASA Part 21 Subpart G approval (UK.21G.2540)
- DOA (EASA.21J.588)
- FAA & EASA Certified & NAA Validations
- AS9100 / ISO9001
- Boeing approved

Lighting partner of choice

We are one of the world's leading manufacturers of aircraft cabin lighting. Established in the UK in 1995, with the vision of making flying safer and more cost-effective. We designed the first photoluminescent emergency guidance systems for aircraft. In 2011, we pioneered our LED mood lighting system, liTeMood®. Our systems integrate seamlessly to deliver safety, comfort and ambience for passengers, airlines and crew. Our innovative lighting products are line-fit by most OEMs and operating in over 12,000 aircraft worldwide.

A balanced approach

Innovation

Hospitality Inspiration
Frugal Customisation
Technical Demonstrator
Rapid Concept Iteration
Market Benchmark

Airworthiness
Regulation
Competitive Market

Reliability

In-service Experience
Commercial Electronics
Robust NPI
In-house Production
DFM from Start
Technology Bricks

Solutions to meet airline and OEM needs

Personalise the experience

Airline branding
Cabin segmentation
Passenger centric
Instagrammable cabin
Smart systems integration

Return space to passenger

Space by light
Small footprint
Shared power / smarts
Minimum wiring
Minimum fixing

Plug / Play / Fly

COTS components
Rapid configuration
Predictive maintenance
Quick installation

We design quality lighting components and offer exceptional service, expertise and innovative thinking. We are problem solvers and your trusted lighting advisors. So, whether you have a specific aircraft lighting challenge or want to create the best possible atmosphere in your cabin, our know-how will deliver a tailored lighting solution for your unique requirements.

Product portfolio

saf-Tglo®



The highest performing photoluminescent floor path marking system available, approved for almost all aircraft types.

saf-Tsign®



Photoluminescent emergency, informational and customized signage that is 100% fail safe.

liTeMood®



A full suite of plug and play LED cabin lighting products for Boeing and Airbus aircraft.

CONCEPT TO
CERTIFICATION
CAPABILITY

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