

Business Jet *interiors* INTERNATIONAL

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JAY BEEVER

EMBRAER'S LEAD DESIGNER
REVEALS IDEAS INSPIRED BY HIS
TIME IN THE AUTOMOTIVE WORLD

COMPLETIONS IN ASIA
Is it worth establishing a VIP completions
business in Asia to cater to local demand?

GYM EQUIPMENT
How to work through the numerous technical
challenges involved in installing exercise equipment

WINDOW DEVELOPMENTS
What innovations lie ahead for this crucial
component of business jet cabins?



leading lights

PROFESSIONALS FROM ACROSS THE INDUSTRY GIVE THEIR VIEWS ON THE SHIFTING TRENDS IN LIGHTING



Roger Sandmann

HEAD OF ENGINEERING AND CERTIFICATION AND COMPLIANCE VERIFICATION ENGINEER, AMAC AEROSPACE

The big move over the years has been to LED and RGB lighting. With this we have noticed a trend for special lighting assemblies in the aircraft; lighting is becoming more of a design feature. For instance we are now working on a project where the ceiling has round flat lamps integrated as a design feature. And whereas in the past shower rooms had a central light with maybe a few spotlights, a recent customer wanted the whole ceiling in that area to be an even lighting source.

We also have projects where the designer has selected domestic decorative lights and then you have to certify them, which can be challenging.

If you have a lamp in the middle of a room you have to address abuse loads; the lamp needs to stay in place, even in the event of a crash landing; you have to do EMI testing for the light assemblies; and you need to meet flammability requirements.



Lauri Church

CHIEF INTERIOR DESIGNER, COMLUX CREATIVES

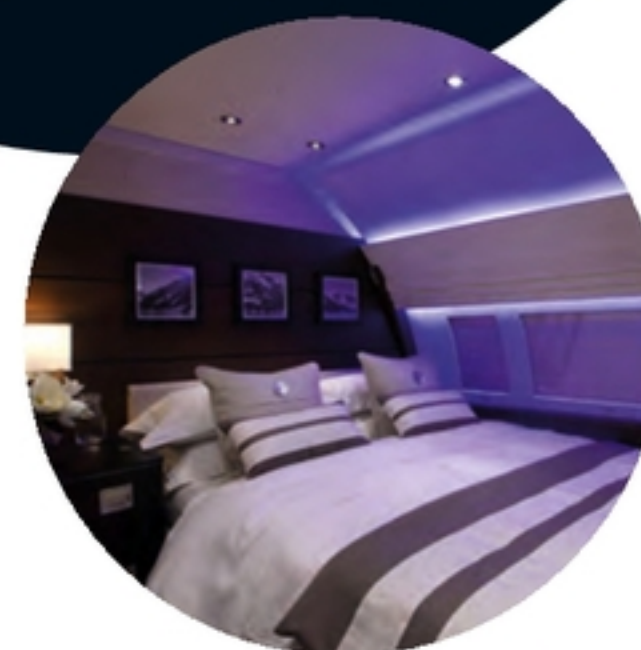
Vintage lighting is an established trend in residential and hospitality design. Edison bulbs, metal accents, textured glass and even leather details are showing up in all kinds of styles. Many vintage-inspired domestic lights hang or swing, but with work to bring them in line with our safety standards, this trend could make a seamless transition into aviation.

Another trend is using lighting as an opportunity to display sculpture. In the world of luxury aircraft interiors we really want to take every opportunity possible to introduce something beautiful.

Lighting design has really become an art and vendors like Porta Romana are doing a fantastic job offering a wide

range of gorgeous options. Because it's a small space, your furnishings really need to pull double duty.

A sculpted table lamp is a great way to provide form and function.



Jean-Pierre Alfano

CREATIVE DIRECTOR, AIRJET DESIGNS

A cool lighting technology I try to blend into my designs is optical fiber lighting. It can be used to light bulkheads, with embedded lighting within wood/resin panels and fabric.

I used this on my Oasis ACJ340 project to light the sliding doors of the lounge/dining room. We are also using optical fiber lighting in decorative pillows and table tops for a Boeing 737 refurbishment we are currently working on. The suppliers we use for these products are Lamellux and Dreamlux.