INNOVATIVE LED LIGHTING FOR AIRLINES

EMTEQ’s quality products, paired with our engineering & certification services enable us to develop the best lighting solution for your fleet.
Compete against newer fleets by upgrading to EMTEQ LED lighting for a refreshed look and increased control over the entire cabin environment. From a sense of security to tasting the food, your passenger’s perception of the entire flight experience will be impacted positively.
APPLICATION

Choose from our broad line of existing lights – available in 28VDC, 28VAC, and 115VAC – or work with our engineers to develop solutions to meet the unique needs of your fleet. EMTEQ provides systems for applications throughout the aircraft for regional, single aisle, and twin aisle aircraft.

PASSENGER CABIN

Whether looking for white ceiling and sidewall lighting or mood lighting, reading lights or signage, EMTEQ has your cabin covered. Our vast line of 115VAC and 28VDC products have proven themselves on many fleets and will provide a refreshed passenger experience. Differentiate your cabin with colored accent lighting or scenic effects to reinforce your brand.

GALLEY

EMTEQ’s LED lighting provides bright and efficient task lighting where needed both in the ceiling and under cabinetry for a clean look. With a wide variety of existing products in different shapes, sizes, and operating voltages, EMTEQ has an immediate solution for your aircraft.

SEATING & SPECIALTY MONUMENTS

No application is outside of EMTEQ’s capabilities. Accent lighting integrated into first class seating pods, or mood lighting integrated into lounge areas and bars. Having worked with Business Aviation OEMs for years, EMTEQ has a broad line of products as well as the capability to engineer products ideal for any application.

LAVATORY

EMTEQ crisp LED lighting is both beautiful and functional. Ceiling and mirror lighting help make the passenger feel comfortable wherever they need to be in the aircraft.
QUASAR® Full Spectrum lighting is the longest standing system in the market as it was the first to bring LED mood lighting to aviation. With continued product innovation and advancement in our QUASAR lighting technology, we are able to offer smaller and lighter systems with brilliant colors and vibrant whites. QUASAR’s dynamic systems are available in both 28VDC and 115VAC.

Use color to accent the cabin, provide night lighting, or set the ambience of your cabin to match your brand with custom scenes and effects – the possibilities are endless.

Use individual colors – blue, red, green, purple – as a low cost option for color effects to accent the cabin without the need for complex cabin management systems.

Emeq’s eFIT™ product line is a unique system which replaces outdated fluorescent systems—including all ballasts and power supplies—with a cost-effective, drop-in LED system. These solutions utilize existing mounting provisions and connectors while also interfacing with the existing control and attendant switch panel for simple integration.

Make upgrading older aircraft to LED lighting an overnight option, rather than requiring weeks of downtime. This product line is compatible with B737NG and Airbus aircraft.
As a complete solution, EMTEQ provides installation drawings, harnessing, and accessories for our lighting systems, as well as the desired customer support to make your installation of LED lighting successful.

Save on operating costs, maintenance costs, reduce inventory needed for repairs and replacements while enhancing the aesthetic appeal of your interior for a better passenger experience.

**LED ADVANTAGES**

- Low current/power consumption
- Less heat than traditional lighting systems
- Lower system installation weight

### ANNUAL FUEL SAVINGS

**SAMPLE INPUTS - B737**

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<th>Distance (nm):</th>
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<tbody>
<tr>
<td>Δ Weight (lb):</td>
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<tr>
<td>Fuel Price ($)</td>
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<tr>
<td>Flights/Year (#):</td>
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**ANNUAL SAVINGS**

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<tr>
<th></th>
<th>FUEL (gal)</th>
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<tbody>
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Complimenting our vast product offering with our engineering and certification services simplifies the upgrade process for you. Streamlining your supply chain with a single provider eliminates communication gaps as well as assures a solid product design to meet certification requirements.

EMTEQ has many years experience with OEMs and airlines from around the world for a variety of aircraft and systems. EMTEQ’s engineering and certification services have built a repertoire of FAA/EASA and customer specific certifications for lighting and avionics system upgrades. Our team of qualified and experienced electrical engineers, mechanical engineers, avionics engineers, structural engineers, and DER/DARs allow for assured installation success.

**ENGINEERING & CERTIFICATION**

**PLATFORM EXPERIENCE**

- Boeing 767
- Boeing 737
- MD90
- MD80
- Dash-8
- CRJ