



PRESS CONTACTS

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EMTEQ Brings DAYLIGHT to Aircraft Interiors

An Innovative Aircraft Lighting System Replicating Natural Light

New Berlin, Wis., USA (March 2011) – Expanding into more “intelligent” lighting systems, EMTEQ launches DAYLIGHT, a new, robust variable white lighting system which replicates natural lighting inside the aircraft. Passengers can enjoy a bright, well-lit environment while working in flight, or a warm, cozy atmosphere when desiring to relax.

Dynamic control of cabin lighting on a single bus with DAYLIGHT includes control of white color temperatures, intensity values, fade times, as well as control among groups or zones of lights. The flexibility of the DAYLIGHT system is substantial, allowing the passenger to choose their preferred cabin setting, even if just in one area of the cabin. With many variations in illumination, DAYLIGHT will make any materials or items in the aircraft’s cabin look great.

DAYLIGHT is an RS485 digitally controlled network, and utilizes EMTEQ’s new Cabin Lighting Network Protocol (CLNP) presenting enhanced control for CMS systems. Built-in channel regulation and control eliminate the need for external power supplies, dimming modules, and other additional hardware. Better shielding and routing techniques reduce susceptibility to induced noise for improved communication throughout the system. An additional feature of this system is the ability to monitor temperature as well as accumulated run time of the lights to track the system’s performance over time.

Utilizing the latest LED technology implies optimal light intensity at low power. The DAYLIGHT system not only varies in white color temperature, but also offers variable dimming from 0-100%. It is available in two profile tracks which allow for wide and narrow beam spreads, and are also suitable for different PSU types.

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About EMTEQ and Its Partners

Incorporated in 1996, EMTEQ offers an extensive selection of innovative, value add products and services for both retrofit and forward fit applications in the air transport, government systems, and corporate markets. Products range from avionics systems installation kits, to interior lighting and CMS, to exterior lighting and structural modification kits. To complement this product offering is EMTEQ’s unsurpassed product engineering and design, FAA/EASA/Transport Canada certification and consulting services, and comprehensive program management. Employing more than 400 employees worldwide, offices and manufacturing facilities are located in Miramar, Florida; Winnipeg, Canada; Montreal, Canada; Taubaté, Brazil; Bachenbülach, Switzerland; and strategic partner Cable Technology Inc. in Great Falls, Montana. EMTEQ complies with EN/JSIQ/AS9100:2004, ISO9001:2008, or EN9100:2003 standards backed with FAA/EASA Part 145 Repair Stations and global technical support. Learn more about EMTEQ and its partners at www.emteq.com.