

LED-lighting system B737NG: Upgrading your cabin interior at low cost

Introduction

The aircraft cabin is one of the first things your passengers see, creating an important brand impression of the service ahead. One of these modifications is an innovative LED-lighting system. Designed specifically for Boeing 737NG aircraft and compliant with all regulations, Fokker Services offers a complete LED-lighting package that replaces other, more traditional, tube luminescent (TL) passenger cabin lighting systems. Optionally blue mood lighting for the ceiling lights can be added to give a 'sky interior look'.

Your needs

The availability of LED-lighting techniques provides innovative new solutions for maximizing the performance of your passenger cabin lighting system. Frequent replacement of failed or discolored lighting elements, or broken mounting units, inevitably lead to high maintenance costs. The LED-lighting system is a reliable, high performance system that will make costly problems a thing of the past. Installation of the LED-lighting system is simple, as it uses the same 115VAC power connection as your current TL-lighting system, it is also connected to the existing cabin control panel requiring no alterations to its functions or layout. Your cabin crew won't need any training to operate the new LED-lighting system either. Why? Because it operates identically to the traditional TL-system.

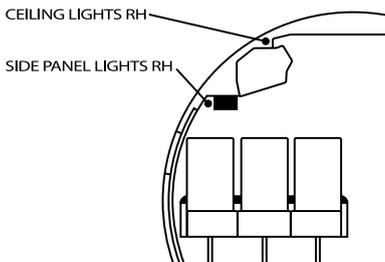
Your benefits

The numerous benefits of the LED-lighting system compared to the traditional TL-lighting system are listed below:

- Enhanced passenger appeal at a low cost. Bright, uniform output of light throughout the passenger cabin.
- No discoloration. The LED-lighting elements provide a consistent output of light in the cabin throughout its operating lifespan.
- Several color temperatures are available to suit the design of your cabin interior (e.g. warm white, universal white, cool white).
- Fade-in/out light dimming function available. Giving you the choice of dim, bright and everything in between.

(More benefits see other page)





More benefits

- High system reliability for 50,000 operating hours. At least 10 to 15 times longer than currently marketed TL-lighting systems.
- Fewer system components. The LED-lighting system consists of integral lighting elements with lengths up to 48 inches. No additional ballast or power supplies.
- Weighs less than alternative systems. Weight reductions of up to 20 kg per aircraft are possible.
- A minimum 30% reduction in your electrical power consumption. Resulting in less fuel burn, lower CO₂ emissions and reduced heat generation.

Product description

The new LED-lighting system consists of four rows of LED-lighting elements. Two rows, one right and one left, in the ceiling cove, whilst the other two can be found right and left in the side panels of the passenger cabin. For the ceiling lights a one on one LED replacement armature has been designed to enable quick replacement! In addition Fokker Services has extensive experience with different types of LED lightning on CRJ, Dash-8, A320 and Fokker aircraft.

Fokker Services for economic sense

LED lighting is a cost saving solution specially developed by Fokker Services, the service and maintenance department of the larger Fokker Technologies. With 3,600 employees and annual turnover of 553 million, Fokker Technologies successfully delivers systems, components and services to airlines all over the world, specializing in a wide range of technologies and production processes. Fokker Services is an independent Aerospace Service provider, supporting a wide range of regional, commercial and military aircraft. Fokker Services services range from Type Certificate Holder-related product services to Component Availability Programs and Aircraft Completions & Conversions. The unique combination of knowledge and impeccable after-sales support makes Fokker Services a valuable partner in the aerospace industry. Fokker Services employs 1000 people (800 in the Netherlands).

Fokker Services B.V.

P.O. Box 1357
2130 EL Hoofddorp
The Netherlands
Tel. +31 (0)88 628 00 00

Fokker Services, Inc.

5169 Southridge Parkway
Suite 100
Atlanta, GA 30349
U.S.A.
Tel. +1 770 991 43 73
Fax +1 770 991 43 60

Fokker Services Asia Pte. Ltd

1800 West Camp Rd.
Seletar AeroSpace Park
Singapore 797521
Tel: +65 6481 1080

Contact

For more information contact Fokker Services or visit www.fokkerservices.com

E-Mail technicalservices@fokker.com

Website
www.fokkerservices.com