

LED Fluorescent Drop-in Replacement System

The Benefits of LEDs in the Time it Takes to Change a Light Bulb

Product Overview

- LED drop-in replacement for fluorescent sidewall and overhead lighting
- Compatible with Airbus A320 family aircraft; T&C PMA approved for A320 family
- Plug and play; no modification to wiring or fixtures
- Uses existing cabin controls
- 50,000 HR MTBF
- High quality light output: Color Rendering Index 80+
- Improved Ballast lifetime
- Improved EMI and Harmonics
- Eliminates strike voltage ballast failure mode
- Decreases associated maintenance by 80%
- Consistent color from bulb-to- bulb and throughout life of the product
- Weight Neutral

Product Benefits

Collins Aerospace MIMIC LED bulb replacement lighting solution features cutting edge LED technology while boasting a high lumen output coupled with low power consumption (high efficacy). The LED bulb interfaces direct into the existing ballast with no modification to the existing wiring, fixtures or aircraft. Proprietary analog aging circuits ensure the system has consistency between adjacent lighting units, resulting in a visually superior lighting experience for the passenger.



- ✓ System replaces fluorescent tubes without the need for wiring or fixture changes. **Save on parts and cost immediately.**
- ✓ System uses existing lighting controls, **providing ease-of-use and requires no additional crew training.** Give passengers the experience of a full cabin refresh with only the change of a light bulb.
- ✓ System offers the opportunity to refit the cabin with high reliability LED lighting **without the additional installation costs** associated with non-plug and play retrofit style LED lighting systems.

Collins & Proponent

Proponent is the authorized global distributor for Collins Aerospace MIMIC and Blue Sky Interior LED products. Proponent is the world's largest independent aerospace distribution company. With extensive experience in supporting the MRO, OEM and airline markets, Proponent offers innovative inventory and supply chain management solutions to OEM and aftermarket customers. Currently, we support more than 400,000 vital aviation parts and components for all your commercial and regional aircraft needs.

MIMIC LED Bulb Replacement is Designed For:

- ✓ Easy installation can be completed in overnight stop
- ✓ NO aircraft modification
- ✓ NO additional wiring or new connectors required
- ✓ NO additional down time
- ✓ NO additional training required
- ✓ NO documentation changes



Available Now

Description	Part #	Eligibility	Color Temp	Approvals	Specifications	OEM Replaced
18 in LED bulb	0105LS00-18-00	A320 Family	4000 Kelvin	FAA PMA	115VAC 130 mA	ABS0201-06G ABS1238-26-15B F15W840T8 TLD15-W840
36 in LED bulb	0105LS00-36-00	A320 Family	4000 Kelvin	FAA PMA	115VAC 130 mA	ABS0201-07G ABS1238-26-30B F30W-T8-840 TLD30W840

Additional LED color temperatures are available upon request.

Installation

The installation of MIMIC is completely transparent to the maintenance and flight crew and does not require any controls modification or crew training.

