



Product Overview

- LED drop-in replacement for B737NG, B757, B777, A320 family and A330/A340 logo light applications
- Designed for over 20,000 hours of service life
- Light output comparable to OEM lamps
- LED module is fully repairable with a five year warranty
- Transformer assembly is line replaceable
- OEM lens assemblies are retained
- Talon replacement lenses are available

All lights tested to meet DO-160G

Talon and Proponent

Proponent is now the exclusive global distributor of all Talon Aerospace products. This relationship provides customers with the latest generation of LED lights.

With extensive experience in supporting the MRO, OEM and airline markets, our organization offers innovative inventory and supply chain management solutions to OEM and aftermarket customers.



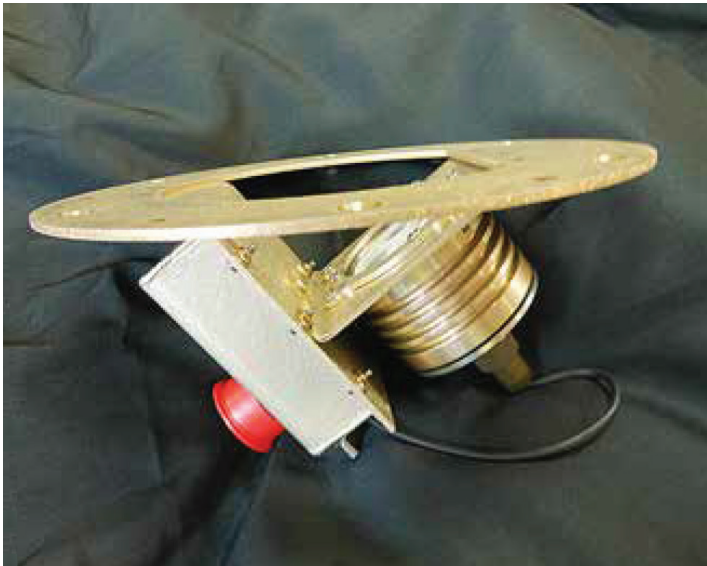
LED Logo Light Assemblies To Replace Halogen Based Logo Lights Get Light-Years Ahead of Your Competition

Talon Aerospace LED logo light assemblies are designed to allow for plug-and-play replacement for the existing HLX64621 halogen bulb based logo lights. Talon uses a rack to replace the OEM logo light housing. The LED module and transformer assembly are mounted to the rack. The OEM aircraft connector is mounted on the transformer assembly, making the LED logo light assembly plug-and-play.

The lens, lens gasket and hardware can be retained from the OEM unit, but Talon does make replacement lenses available for most applications. The Talon logo light assemblies operate on 115VAC 400Hz aircraft power. A transformer within the assembly steps the voltage down to 14V to power the LED module. All internal connectors are circular mil-spec connectors.

The Talon logo light assembly also provides weight savings: about half a pound per unit. The power draw is considerably reduced, as the Talon LED unit only draws 14W compared to 100W for the OEM unit. The LED module and transformer assembly are line replaceable and the LED module is fully repairable as well. Light output is comparable to the existing units. In addition, two color temperatures are available for Talon's LED logo lights: a cool white unit (6500 Kelvin) and a warm white unit (4000 Kelvin).





Recognize the following problems with your existing logo lights?

- Halogen bulbs are replaced frequently
- Lights are installed in difficult to reach areas and require use of cherrypicker or lift
- Lens sealant does not have sufficient time to dry, leading to moisture ingress within horizontal stabilizer
- Transformer requires frequent replacement
- Incandescent bulb or color temperature changes appearance of corporate logo

If you are looking to reduce overall maintenance activities on the aircraft, the Talon LED logo light assemblies will be the solution for you.



LED Logo Light Replacement Assemblies

Part Number	Description	Beam	Color	Approval	Used On
TAE0428-1	LED Module	Spot	Cool White	FAA/EASA STC approved	B757/B777/A320
TAE0428-1W	LED Module	Spot	Warm White	FAA/EASA STC approved	B757/B777/A320
TAE0428-2	LED Module	Wide	Cool White	FAA/EASA STC approved	B737NG
TAE0428-2W	LED Module	Wide	Warm White	FAA/EASA STC approved	B737NG
K428-A3-LGL-001	LED Logo Light Kit	Spot	Cool White	FAA/EASA STC approved	A330/A340
K428-A3-LGL-001W	LED Logo Light Kit	Spot	Warm White	FAA/EASA STC approved	A330/A340

Install Kits

Part Number	Description	Approval	Eligibility
K428-B3-LGL-001/002	Install Kit B737NG	FAA/EASA STC approved	B737NG
K428-B5-LGL-001/-002/-003/-004	Install Kit B757	FAA/EASA STC approved	B757
K428-B7-LGL-001/-002/-003/-004	Install Kit B777	FAA/EASA STC approved	B777
K428-A2-LGL-001	Install Kit A320	FAA/EASA STC approved	A320

Talon developed the LED module to allow it to be used in a variety of different halogen based light applications. This includes wing scan lights, logo lights and other general illumination lights. Don't see your application listed but looking to replace a halogen based light application? Please contact your Proponent representative.

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