

Exterior Aircraft Lighting

Covert/Overt Position Lights

Interface's LED position light installation set consists of three lights: red on the left side of the aircraft, green on the right side, and white on the tail. Designed for use on both fixed wing and rotary aircraft, this covert/overt light set is a form, fit, and function replacement for existing incandescent light sets. The design utilizes the single wire connection and footprint of the current installation, and decodes the covert/overt signal from the crew station switch. Utilizing LED technology provides a higher MTBF of 50,000 hours and low-maintenance operation.

Part Numbers: 19750-02, 19800-02, and 19850-02



PAR 36 Covert & Overt Lights

As drop-in LED replacements, the PAR 36 covert (IR) light replaces existing PAR 36 configurations using visible light and an IR lens/filter system, and the the PAR 36 overt (visible) light replaces existing PAR 36 incandescent and HID lights. The designs utilize IR LED or white light LED technology, respectively, which provides higher MTBF and low-maintenance operation. The lights use a standard PAR 36 mounting ring, or a custom mount can be provided. The lights are useable in multiple applications including search lights, landing lights, or tailored as taxi lights through the use of an integral lens to provide the horizontal beam spread needed for taxiing.

Part Numbers: 20396-01 and 20395-01



Covert/Overt Landing/Taxi Light

Interface's LED landing/taxi light is a covert/overt replacement for the existing A-10 aircraft light, preserving the size and shape of the original light. The design includes covert/overt operation selection via a cockpit switch, as well as LED technology, which provides higher MTBF and low-maintenance operation. The light can also be tailored for other platforms.

Part Number: 20700-01

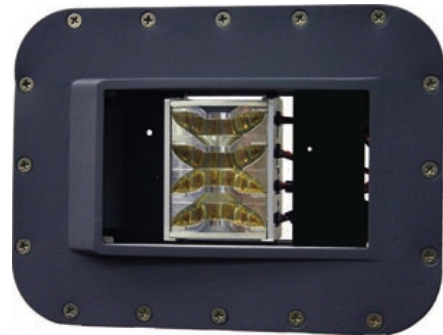


Anti-Collision Beacon Light

As a form, fit, and function replacement for current, low-reliability, rotating beacon lights, Interface's Anti-Collision Beacon Light is the next generation in aviation lighting. The unit's MTBF is over 25,000 hours, and there are no rotating parts. The light consists of four LED arrays and produces a programmable flash rate.

NSN: 6220-01-600-2435

Part Number: 19300-01



Covert/Overt Anti-Collision Beacon Light for Helicopters

This light is an integrated visible/IR light utilizing LED technology that replaces the existing rotating beacon and IR ring on a helicopter. The unit provides a universal mounting ring that supports multiple aircraft versions. The LED technology provides an MTBF of over 25,000 hours and no moving parts to wear out. In the visible/overt mode, the light is a normal red flashing anti-collision light that is also NVIS-friendly in accordance with MIL-STD-3009. In IR/covert mode, the lights are only visible with Gen III night vision goggles.

Part Number: 20650-02

Covert/Overt Anti-Collision Beacon Light

Currently under development, this is an integrated visible/IR LED light to replace existing aircraft anti-collision beacon light. The LED technology provides an MTBF of over 25,000 hours and no moving parts to wear out. In the visible/overt mode, the light is a normal red flashing anti-collision light that is also NVIS-friendly in accordance with MIL-STD-3009. In IR/covert mode, the lights are only visible with Gen III night vision goggles, and provide multiple user-selectable flash patterns.



Model of Housing