

LED FUSELAGE ANTI-COLLISION LIGHT (FACL)

Shaping the Future of Aerospace Lighting for over 85 years

Honeywell Aerospace – a worldwide leader in the design, supply and support of exterior aircraft lighting systems – offers the LED Fuselage Anti-Collision Light (FACL) to replace the Xenon FACL on the Boeing 737NG, 757, 767 and 777 series of aircraft. CFR compliant for color (25.1397) and light output (25.1401).

HONEYWELL LED LIGHTING LEADERSHIP

- Unparalleled Experience: 20 years of LED experience on the exterior of aircraft with over 3 billion LED flight hours
- Capability to deliver on the promises of LED lighting without the common reliability issues found in many new LED products
- Honeywell LED products undergo rigorous testing to ensure they meet advertised performance and the minimum light output required by regulatory agencies for anti-collision lighting as installed on the aircraft
- Based on proven experience meeting performance, quality, reliability and on-time delivery commitments, Honeywell optimizes our LED applications in the areas of:
 - Optical design and control
 - Power management
 - Thermal management
 - Environmental protection

PRODUCT BENEFITS

- Plug and play LED upgrade.
- Increases aircraft safety and recognition through improved light output, color and uniformity
- Reduces operator costs through:
 - Reduction in maintenance and improvement in aircraft dispatchability
 - LED increases life to 50,000 hrs (10x improvement over Xenon)
 - Built-in thermal protection to sustain the minimum regulatory requirements for anti-collision light output over the life of the LEDs
 - Robust environmental protection
 - Contributions to fuel savings
 - Integrated power supply results in weight reduction of 9-12 lbs/aircraft
 - Input power decreased by over 85% (reduce from 410 VA to 60 VA) resulting in less draw on aircraft power generation
- Simplified operator logistics:
 - Common spare parts provisioning for all platforms includes the LED module, power supply, lens and lens assembly to help reduce inventory and improve cash flow
 - Mod Kit allows reuse of current lens (either cylindrical or faired lens) to reduce retrofit cost and minimize types of lens parts necessary to stock. Faired lens available to help reduce drag

PLUG & PLAY

LED upgrade

50,000 HRS

LED increases life to 50,000 hrs (10x improvement over Xenon)

FUEL SAVINGS

Integrated power supply results in weight reduction of 9-12 lbs/aircraft

Input power decreased by over 85%

EASY INSTALL

Mod kit for 737 allows reuse of current lens to reduce retrofit cost and minimize types of lens parts necessary to stock. 757, 767 and 777 are complete replacements

SAFETY

Increases aircraft safety and recognition through improved light output, color and uniformity

Honeywell

737NG FACL PARTS LIST

Old P/N Replaces	Product	New LED P/N	Quantity per Aircraft	Compatible Lens
30-2505-3	LED Upper FACL Mod Kit (without Lens)	72303321-001	1	Faired or Round
30-2505-3	LED Upper FACL Mod Kit (with New Round Lens)	72303327-001	1	Round
30-2506-3	LED Lower FACL Mod Kit (without Lens)	72303321-002	1	Round
30-2506-3	LED Lower FACL Mod Kit (with New Round Lens)	72303327-002	1	Round
72303141-1	LED Upper FACL Mod Kit (without Lens)	72303321-001	1	Faired
72303141-1	LED Upper FACL Mod Kit (with New Faired Lens)	72303327-003	1	Faired
72303141-3	LED Lower FACL Mod Kit (without Lens)	72303321-003	1	Faired
72303141-3	LED Lower FACL Mod Kit (with New Faired Lens)	72303327-004	1	Faired
60-4983-3 (Power Supply)	LED FACL Cable Interface Adapter	72605418-001	2	N/A

757/767 FACL PART LIST

30-1526-9	LED FACL	72303327-006	2	Faired
60-3368-7	LED FACL Cable Interface Adapter	72605430-001	2	N/A

777 FACL PART LIST

30-2335-3	LED FACL	72303327-007	2	Faired
60-4791-3	LED FACL Cable Interface Adapter	72605431-001	2	N/A



LED FACL with Faired Lens
(PN 72303327-003 and -004)



LED FACL with Round Lens
(PN 72303327-003 and -004)

AIRCRAFT APPLICATION
737-600, 737-700, 737-800,
737-900, 757, 767 and 777
platforms.