

LED RED (Visible) OR RED/IR (Dual Mode) ANTI-COLLISION LIGHT

CH-47 Platform

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. Honeywell offers the LED Upper/Lower Anti-Collision Light (Red or Red & IR) to replace the Xenon ACL on the CH-47 Platform.

HONEYWELL LED LIGHTING LEADERSHIP

- Unparalleled Experience: 20 years of LED experience on the exterior of aircraft with over 3 billion LED flight hours
- 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

- Drop-in to existing installation (Red only) (Note1: aircraft interconnect change required for Dual Mode (red/IR) version.)
- Provides aircraft safety and recognition
- Reduces operator costs through:
 - Reduction in maintenance and improvement in aircraft availability
 - LEDs increase photometric life up to 40,000 hrs. (40x improvement over Xenon)
 - Built-in thermal management to sustain the minimum customer requirements for anti-collision light output over the life of the LEDs
 - Robust environmental protection
 - Weight Reduction of 3.66 lbs.
 - Input power reduced by up to 52%
 - No Scheduled Maintenance.
 - Eliminates Need for Scheduled Flashtube Replacements and Capacitor Bank Replacements
 - Fully Repairable
 - Replaceable LED Module
 - Replaceable Lens Assembly
 - Replaceable Power Printed Board Assembly.
 - 28 VDC
 - IR Mode Pilot Selectable Patterns (Capability)

DROP-IN

No aircraft modification to mounting (Red only).

40,000 HRS.

Photometric Life (10X improvement over Xenon)

SAVINGS

- Weight Reduction 3.66 lbs.
- Reduced power by 52%
- Reduced drag

EASY INSTALL

Maintain same aircraft mechanical interfaces

DUAL MODE

Provides visible (Red) or dual mode (Red / IR) modes of operation.

Honeywell

CH-47 Anti-Collision System Parts List				
Legacy P/N	Product	New LED P/N	Quantity per Aircraft	Mode
30-0849-17	Anti-Collision Light Upper	72303353-003	1	Red only
30-0849-17	Anti-Collision Light Lower	72303353-003	1	Red only
30-0849-17	Anti-Collision Light Upper	72303353-004	1	Red & IR
30-0849-17	Anti-Collision Light Lower	72303353-004	1	Red & IR



LED Anti-Collision Light Upper
 (PN 72303353-003 – Red Only)
 (PN 72303353-004 – Dual Mode)



LED Anti-Collision Light Lower
 (PN 72303353-003 – Red Only)
 (PN 72303353-004 – Dual Mode)

AIRCRAFT APPLICATION
 CH-47 Platform