

HALO SERIES ANTI-COLLISION ASSEMBLY



Specifications:

Part Number:	14V: AL-HS14ACL-1; 28V: AL-HS28ACL-1
Voltage:	14 Volt DC, 28 Volt DC
Current (14V):	1.2 Amps (PEAK)
Power:	16.8W (PEAK)
Dimensions:	2.75"DIAM x 2.18"H
Weight:	0.25lb
Certification:	Not approved for installation on certified aircraft

Installation Guide:

Legacy Retrofit Installations:

The light assembly base plate adapter layout is designed as a direct replacement for legacy fixtures. For retrofit installations, permanently mount the supplied baseplate to the wingtip with hardware appropriate for the specific application.

New Installations:

The baseplate may be used as drill guide template; or reference the hole spacing in the mounting layout diagram (Ensure that the arrow side is facing forward). Drill the hole for the wire harness such that the size is adequate to pass the connector through.

Wiring:

It is recommended to install a disconnect plug (Molex, Duetsche, CPC, etc.) to the light assembly to aid in easy removal for inspection.

Power Input: A single red wire; 12V to beacon/anti-collision switch.

Ground: A single ground wire (black wire) serves the whole light, so it is imperative that it be connected to location that has good continuity to the aircraft battery ground.

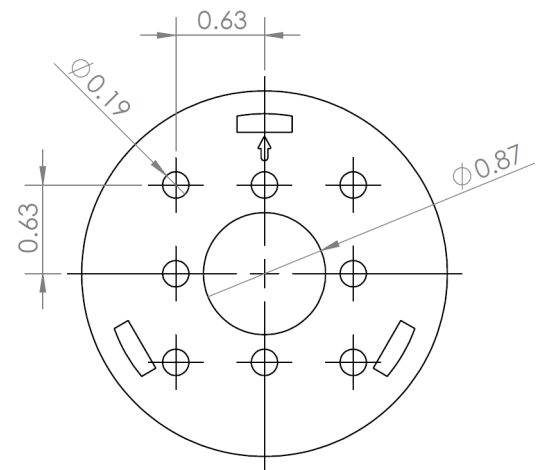
Mounting the light to baseplate :

Connect the pigtail to the aircraft side of the wire harness through the hole cut in the middle of the mounting bracket. Place the light assembly atop the bracket and align the holes with the indicator mark facing forward. Apply BLUE thread locking compound (Loctite 242 or equivalent) to the three mounting screws. Loosely start all three set screws, being careful not to cross-thread. Once all three screws are started, snug each screw in rotation while lightly pressing the light assembly to keep it flush to the baseplate.

*Once light is installed to baseplate, it is recommended to seal between the base of the light and the mounting surface by applying a bead of silicone/RTV around the base of the light to prevent moisture accumulation behind the fixture.

*Before return to service It is imperative to test ALL Comm/Nav/GPS equipment for integrity and/or RF interference with Anti-Collision circuit powered on.

Mounting Layout:



Wiring Diagram:

