WHELEN AVIATION LIGHTING

**MODEL 71080 SERIES LED BEACON FOR ROTORCRAFT,**
(150 EFF. CD) (14 VDC & 28 VDC)

71080 series LED beacons are FAA TSO compliant self-contained LED anti-collision lights (Ref. Class I - 100 effective candellpower). They are designed to replace a range of products. Refer to models and descriptions below.

**MECHANICAL:** Models: 8004, 8014, 8008, 8018 are designed to replace existing beacons utilizing a 5-Hole mounting pattern on a 4.656 diameter bolt circle (Whelen 70285 series/70905 series or 70900 with A440 adapter). Models: 8005, 8015, 8007, 8017 are 3 ¾" opening designed to fit inside a 440 mounting adapter, mounting holes to fit in place of rotating beacons, Whelen Model HRCFA, or 709004, -05 series LED beacons.

**SPECIFICATIONS:**
- Current: 0.87 amps average, 3.0 amps peak
- Weight: 0.65 lbs. (295gms) (8001 & 8051)
- Lens: Clear polycarbonate
- Dimensions: 2.6" (66mm) diameter, exposed height, 3.74" (95mm) (9001 & 8051)

**ELECTRICAL:**

**SA615EA approved.**

**NOTE:** Do not use with Cannon plug. Light assembly, 45° mounting is preferred, or the fuselage. Fuselage installation requires the 3-¾" (95mm) dia. mounting hole. Can be installed in the vertical fin or the fuselage. Fuselage installation requires the A440 mounting adapter. Models: ending: 2001, 2004, 2005, 2014, 2015, 2017 are 3 ¾" opening designed to fit inside an A440 mounting adapter, mounting holes to fit in place of rotating beacons, Whelen model HRCFA, or 709004, -05 series LED beacons.

**SPECIFICATIONS:**
- Current: 0.67 amps Average, 3.0 amps Peak
- Weight: 0.65 lbs. (295gms) (8001 & 8051)
- Lens: Clear polycarbonate
- Dimensions: 2.6" (66mm) Diameter, Exposed Height, 3.74" (95mm) (9001 & 8051)

**MODEL 71055 SERIES LED BEACON**
71055 series beacons are FAA TSO compliant self-contained LED anti-collision lights. They are designed to replace existing quartz halogen flasher beacons installed as original equipment on single engine Cessna’s from 1967 and later (contact factory for details). They can also replace remote mounted strobe lights (ref. Whelen A470 series) allowing for removal of the strobe power supply. Internal mounting plate provided with choice of mounting holes to retrofit most existing mounting patterns. STC SA615EA approved.

**SPECIFICATIONS:**
- Current: 0.87 amps average, 3.0 amps peak
- Weight: 0.65 lbs. (295gms) (8001 & 8051)
- Lens: Clear polycarbonate
- Dimensions: 2.6" (66mm) diameter, exposed height, 3.74" (95mm) (9001 & 8051)

**NOTE:** All non-FAA approved Whelen parts are signified by a (—) in the approval column. Parts without FAA approval may still be purchased, however, installation of these parts on U. S. Type Certificated products may require additional FAA approvals.

**MODEL 70509 SERIES**
70509 Series is a self-contained halogen flashing anti-collision light with the same mounting pattern as the factory installed beacon on the single engine Cessna’s 1967 & later. Available in three different lens colors, Aviation red, aviation white and split aviation red/white. When used in conjunction with the model 50519 mounting adapter, it can replace rotating beacons with the 3-¾" (95mm) dia. mounting hole. Note: Not recommended for installation on helicopters or twin engine aircraft.

**SPECIFICATIONS:**
- Weight: 0.27 lbs. (122gms)
- Dimensions: 3.75" (95mm) Diameter: 2.65" (67mm)
- Power Consumption: 2.7 amps @ 14 VDC, 1.3 amps @ 28 VDC

**MODEL 90520 SERIES LED FLASHING BEACON (RED & WHITE LEDS)**
90520 series LED beacons are FAA TSO compliant self-contained LED anti-collision lights (Ref. Class I - 100 effective candellpower). They are designed to replace strobe lightheads as small as the A470A with available models to replace HR self-contained beacons (HRCFA) or our legacy contained LED anti-collision lights. They are designed to replace remote mounted strobe lights (ref. Whelen A470 series) allowing for removal of the strobe power supply. Internal mounting plate provided with choice of mounting holes to retrofit most existing mounting patterns.

**SPECIFICATIONS:**
- Current: 0.67 amps Average, 3.0 amps Peak
- Weight: 0.65 lbs. (295gms) (8001 & 8051)
- Lens: Clear polycarbonate
- Dimensions: 2.6" (66mm) Diameter, Exposed Height, 3.74" (95mm) (9001 & 8051)

**WHELEN 90028 SERIES LIGHTHEADS**
90028 series wing tip led light used on Beech aircraft with commonly wing tip 1974 & later. It is a direct replacement for 30-0467(-) (30-1331-) and the 30-1467(-) series.

**NOTE:** Do not use with Cannon plug. Light assembly, 45° mounting is preferred. Can be installed in the vertical fin or the fuselage. Fuselage installation requires the 3-¾" (95mm) dia. mounting hole. Can be installed in the vertical fin or the fuselage. Fuselage installation requires the A440 mounting adapter. Models: ending: 2001, 2004, 2005, 2014, 2015, 2017 are 3 ¾" opening designed to fit inside an A440 mounting adapter, mounting holes to fit in place of rotating beacons, Whelen model HRCFA, or 709004, -05 series LED beacons.

**SPECIFICATIONS:**
- Current: 0.67 amps Average, 3.0 amps Peak
- Weight: 0.65 lbs. (295gms) (8001 & 8051)
- Lens: Clear polycarbonate
- Dimensions: 2.6" (66mm) Diameter, Exposed Height, 3.74" (95mm) (9001 & 8051)

**MODEL HRCSA SERIES**
HRCSA series is a self-contained CometFlash® strobe anti-collision light. The unique polycarbonate optic lens and reflector design re-directs stray light rays into the horizontal plane to provide maximum 360° of uniform light coverage. Available in three different lens colors, aviation red, aviation white and split aviation red/white and in radio-shielded configurations. FAA approved as a direct replacement for any rotating beacon that uses a 3-¾" (95mm) dia. mounting hole. Can be installed in the vertical fin or the fuselage. Fuselage installation requires the A440 mounting adapter. Operators between 10 to 30 VDC. SPECIFICATIONS:

- Weight: 1.5 lbs. (680gms)
- Height: 7.25" (184mm) Diameter: 3.7" (94mm)
- Power Consumption: 3.2 amps @ 14 VDC, 1.6 amps @ 28 VDC

**PRICE SUBJECT TO CHANGE WITHOUT NOTICE**

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