HOW TO CHOOSE A POWER SUPPLY AND ABOUT COMETFLASH™

The power supply needed depends on the application, and the mounting location. Model HDACF Series is a fuselage mounted power supply that will power two or three lights. Model A490ATSC Series is designed for installation adjacent to the strobe lighthead and will power one light assy. Model A490TCF Series is the most economical power supply when adding only one light. It mounts adjacent to the strobe lighthead assembly (not legal for light output with red strobe light). Most other Whelen power supplies are application specific, call for details. Unless otherwise noted, all power supplies are CometFlash™. A recent advancement in retrofit strobes is safety lighting. By pulsing the flash tube four times in rapid succession, the effective “on-time” of the strobe is increased to 2/1000 of a second to 4/10 of a second. This increases your airplane’s visibility.

MODEL HDACF SERIES - HDACF series provides simultaneous flashing, alternate flashing or both. It will operate one, two or three strobe lighthouses. Operating the wing tip strobes in the alternating mode will provide an accumulated 42 joules of power to each light. In the simultaneous mode the accumulated power to each light is 21 joules. In the three light mode, the wing tips will flash simultaneously at an accumulated 21 joules each, they alternate with a third light operating at an accumulated 42 joules. On the trigger selector outlet, a switch mounted in place of the jumper will allow wing tip outlets 2 & 3 to be turned off, while the tail outlet 1 will remain on. This power supply will operate from 10 to 30 VDC.

SPECIFICATIONS:
- Power Consumption: 5.0 amps @ 14 VDC; 2.75 amps @ 28 VDC Weight: 0.7 lbs. (323gm) • Length: 5.0" (127mm) • Width: 3.75" (95mm) • Height: 2.37" (60mm)

MODEL A490ATSC SERIES - Operates one strobe lighthead. It produces an accumulated 34 joules of power and can be equipped to flash simultaneously or up to 5 other like units by connecting an 18 gauge wire between outlet 3 on the input power connector. This power supply will operate from 10 to 30 VDC.

SPECIFICATIONS:
- Power Consumption: 4.0 amps @ 14 VDC; 2.0 amps @ 28 VDC Weight: 1.2 lbs. (544gm) • Length: 5.0" (127mm) • Width: 3.12" (79mm) • Height: 2.38" (60mm)

MODEL A490TCF SERIES - Operates one strobe lighthead. It produces an accumulated 19 joules of power. It will only meet 400 CP when used with the A470A-W. This unit cannot be synchronized. Operates from 10 to 30 VDC. (not approved for use with red strobe light). SPECIFICATIONS:
- Power Consumption: 2.0 amps @ 14 VDC; 0.85 amps @ 28 VDC Weight: 1.2 lbs. (544gm) • Length: 5.0" (127mm) • Width: 3.12" (79mm) • Height: 2.38" (60mm)

MODEL A490TCCF SERIES - Same as the A490TCF but has a mounting plate with additional holes that directly replaces factory installed systems on single engine Cessna’s, Aero Commanders, and Grumman Americans.

SPECIFICATIONS:
- Power Consumption: 2.0 amps @ 14 VDC; 0.85 amps @ 28 VDC Weight: 1.2 lbs. (544gm) • Length: 5.0" (127mm) • Width: 3.12" (79mm) • Height: 2.38" (60mm)

MODEL HDS SERIES - Produces 20 joules of energy, SingleFlash, alternating between two light assemblies. The SingleFlash allows for a low current draw. This power supply will operate from 10 to 30 VDC. SPECIFICATIONS:
- Power Consumption: 4.0 amps @ 14 VDC; 2 amps @ 28 VDC Weight: 2.0 lbs. (907gm) • Length: 5.50" (140mm) • Width: 5.0" (127mm) • Height: 2.37" (60mm)

MODEL 01-0770062-05 (CIRRUS) - Operates one (1) strobe lighthead at 36 joules in CometFlash. It is equipped to flash simultaneously with up to 5 other like units by connecting an 18 gauge wire between outlet 3 on the input power connector. SPECIFICATIONS:
- Power Consumption: 1.6 amps avg. • Input Voltage: 28 VDC Nominal • Weight: 1.3lbs • Length: 5.00" • Width: 3.12" • Height: 3.00" P/N 11-08306 $469.00

NOTE: All non-FAA approved Whelen parts are signed 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.

READNG LIGHT - The Model A325 ML reading light will replace original equipment on 14 volt Piper aircraft. It is designed for passenger convenience and is equipped with an on/off slide switch. Specify voltage (14V or 28V).

A325
14V P/N 11-03294 $314.00
28V P/N 11-03682 $305.00

OVERHEAD CABIN LIGHT - The Model A360 is designed for recessed overhead lighting. Aluminum housing w/ Clear lens. Weight: 0.25 lbs. 14V • P/N 11-03685 $145.75
28V • P/N 11-03686 $145.75

Dome light assy. with switch 14V • P/N 11-03629 $161.75
Dome light assy. with switch 28V • P/N 11-12924 $152.40

MODEL71144/GOOSENECK LED ASSEMBLY - 71144 assembly features a positive off position and rheostat controlled light intensity. Models including side’s mounted intensity control are which is designed for the 5576, 28 VDC Only. SPECIFICATIONS: - Power Consumption: 0.06 amps @ 28 VDC - LED Colors: Aviation White - Weight: 0.46 lbs. (209gm) - Black Nylon Hood: fixed in position

A350 WEHLEN POST LIGHTS - A350 and A350CN series instrument post light assemblies are designed to illuminate the instrument panel and function as instrument mounting bolts. The A350 is identical to the A350CN, but without the connector. SPECIFICATIONS: - Drawing Number A350: 70116 • Drawing Number A350CN: 70119 • Exposed Height: .875" (22mm) without spacer, 1.00" (25mm) with spacer - Power Consumption: 0.2 amps @ 6V, 0.08 amps @ 14V, 6.04 amps @ 28V - Weight: 0.337 lbs. (179gm)

Post Light Assembly w/ nut black post P/N 11-08133 $39.50
Post Light Assembly w/ nut grey post P/N 11-01171 $37.95

INSTALLATION CABLE KITS - Cable kits include all required connectors for hooking up the strobe light to the power supply with warning placards included. All cable is 16 gauge 3/C shielded. The cable diameter is .275" (7mm). Weight is .050 lbs. per linear foot. (Kits do not include switches or breakers)

REPLACEMENT CONNECTORS - Replacement connector kits and assemblies for cables.

CRIMP TOOL - Pin and socket crimping tool.