

800D Series

SELF-CONTAINED STROBE BEACON

BEACON

Featuring a low profile base design and producing a full 25 watts of output power (36 watts input). The 800D Series beacons are available with either our high-gain, high profile dome, or our traditional low profile, double fresnel optic dome.



Officially Licensed
Warning Lights
of NASCAR®



FEATURES

- Certified to S.A.E. & California Title XIII requirements.
- High-gain, self-cleaning, aerodynamic high profile dome.
- Traditional low profile double fresnel optic dome provides excellent 360° light dispersion.
- 36 watt input/25 watt output.
- Choice of four flash patterns standard in every model: CometFlash®, DoubleFlash, RapidRate™ and ActionFlash™.
- Optional built-in exclusive Photo Sensor (selectable use) via automatic intensity control or automatic On/Off operation.*
- Manual Hi/Low intensity control via external switch.
- Dual voltage 12/24 VDC power supply includes circuits that protect against reverse polarity damage and flash tube ionization.
- Patented clamp circuit prevents power supply damage in the event of flash tube failure.
- Powder coated die cast base offers flange, permanent and 1" NPT pipe mounting, standard.
- Dash mount and a magnetic mount (low dome only) models are also available.
- Magnetic mount models come standard with a cigar plug and can be ordered as an optional kit.
- Five year, HDP® Heavy-Duty Professional Warranty on power supply; two year warranty on Gold Medallion flash tube.*

* A Whelen Exclusive.



WHELEN®

800D SERIES SPECIFICATIONS

Shatterproof, polycarbonate lens with advanced optic design.

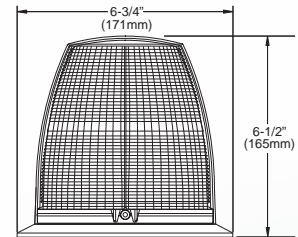
800D Series Strobe Beacons are modular and easily field serviced via Amp Mate-N-Lok™ connector (no cutting of wires), minimizing equipment downtime.

Three pin, plug-in flash tube assembly is secured in place with two retaining screws for added vibration resistance.

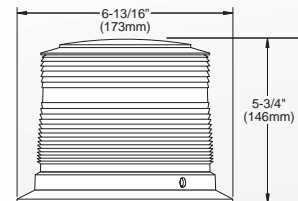
Fully enclosed, die-cast aluminum base for heavy-duty applications. Punch-out holes available in base for tamper-proof mounting with concealed screws.

Easy to install with a two wire connection, 800D Series strobe beacons are shipped preset with CometFlash pattern and high-intensity operation. Internal wiring allows access to many added operational features.

“Heavy-duty” silicone potted circuit boards maximize vibration and moisture resistance while allowing for the units to be economically repaired.



High "Aerodynamic" Dome



Low Dome

MODELS

800DH*P High Dome, Permanent/Pipe Mount

800DL*P Low Dome, Permanent/Pipe Mount

800DL*M Low Dome, Magnetic Mount

* Replace symbol in model number with letter indicating lens color desired:

A=Amber; B=Blue; R=Red (Not available in Clear or Green, consider an LED Beacon)

Due to variations in vehicle surfaces and operating conditions, the use of any magnetic/suction warning beacon on the vehicle while in motion is at the discretion and risk of the user.

OPTIONS

800BGH High Dome Branch Guard for Model 800DH

BGL Low Dome Branch Guard for Model 800DL

MMK 90 Lb. Pull Magnetic Mount Kit, with 8 Foot Cord & Plug for 800D

DL2000* Low Dome for 800D Series

HGDOMEH* . High Gain Dome for 800D Series

80DTUBE 800D Series Helix 1-1/2 Turn,
3 Pin Plug-In Base Strobe Tube

GENERAL ELECTRICAL AND PHYSICAL DATA

Input Voltage: 12.8 VDC / 25.6 VDC

Input Current: 2.8 amps / 1.4 amps

Input Power: 36 Watts

Output Power: 25 Watts

Output Energy: 18.5 joules, 9.5 / 3 / 3 / 3 joules¹

Effective Candle Power: ... approx. 650 Candella

Flashrate: CometFlash® 80 FPM

DoubleFlash 115 FPM

RapidRate™ 185 FPM

ActionFlash™ 1 CF - 4 RRF²

Operating Temperature: -30°F (-34°C) to +120°F (49°C)

Weight: 2 lbs. 4 oz. (1 kg)

1. CometFlash Pattern.

2. ActionFlash is a combination pattern that repeats one CometFlash and four RapidRate Flashes.



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