3000 Series Strobe Beacons

Available in all five safety colors

3000 Series strobe beacons offer you the same features as the 2000 Series in a larger profile beacon

7-3/8" (187mm)
6-3/4" (171mm)
6-3/16" (157mm)
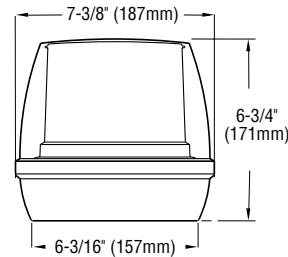
- ■ **Large profile** with wide base and polycarbonate outer dome.
- ■ **Clear outer dome** is sealed to base with "O" ring gasket for additional weather resistance.
- ■ **Inner double fresnel optic dome** available in all five safety colors.
- ■ **Many models meet SAE Class 1& 2 standards.**
- ■ **Multiple flash patterns** and high/low intensity control available with Models 3015 and 3022.
- ■ **Low current consumption**, reverse polarity protection.
- ■ **Polycarbonate base** includes combination 1" NPT pipe and concealed permanent mount.
- ■ **All models 12/24 VDC operation.**
- ■ **Warranty:** Whelen 3000 strobe products offer a maximum 3 year from date of manufacture warranty on all strobe power supplies, and a 6 month warranty on flashtubes. See Whelen User Direct Warranty Statement for full details.

Model 3012 Series - RapidFlash™
- ■ SAE Classification: SAE Class 2 Strobe Beacon (all colors)
- ■ Input power: 22 watts, output power: 15 watts; 8 joules
- ■ Flash rate: 120 single FPM
- ■ Amperage Draw: 1.7 amps/12 volt; .85 amps/24 volt

Models 3015 - Flash-4™
- ■ SAE Classification: SAE Class 1 Strobe Beacon (amber & clear)
      SAE Class 2 Strobe Beacon (red, blue & green)
- ■ Input power: 22 watts, output power: 15 watts; 13 joules
- ■ High/Low Intensity Feature: Manual Hi/Low operation is standard.
- ■ Flash rate: "Flash-4" feature. All patterns standard in all beacons
      QuintFlash: 72 FPM (default pattern)
      Double Flash: 115 FPM
      Modu-Flash: 150 / 370 / 150 variable FPM
      Action Flash: A unique combination of Quint & Single Flash
      (To make a choice from the QuintFlash factory default pattern, simply cut the specified jumper on the strobe power supply)
- ■ Amperage Draw: 1.7 amps/12 volt; .85 amps/24 volt

Models 3022 - Flash-4™
- ■ SAE Classification: SAE Class 1 Strobe Beacon (amber & clear)
      SAE Class 2 Strobe Beacon (red, blue & green)
- ■ Input power: 32 watts, output power: 22 watts; 19 joules
- ■ High/Low Intensity Feature: Manual Hi/Low operation is standard.
- ■ Flash rate: "Flash-4" feature. All patterns standard in all beacons
      QuintFlash: 72 FPM (default pattern)
      Double Flash: 115 FPM
      Modu-Flash: 150 / 370 / 150 variable FPM
      Action Flash: A unique combination of Quint & Single Flash
      (To make a choice from the QuintFlash factory default pattern, simply cut the specified jumper on the strobe power supply)
- ■ Amperage Draw: 2.5 amps/12 volt; 1.25 amps/24 volt

Ordering Information

Model ....Description
3012LP* ......15 Watt, RapidFlash™
3015LP* ......15 Watt, Flash-4™
3022LP* ......20 Watt, Flash-4™

Options
MMK3 ....90 lb. Pull magnetic mount kit, with 8 ft. cord and plug
SS ....Sun Shade - black mylar stick-on dome cover for inner dome
LSK ....Single lighted switch, (15 amp rated) mounted on bracket, wired and fused

Replacement Parts
DL2000* ......Low inner dome
AR5DOMEC....Clear outer dome
FT10A............Flash tube for models 3012 and 3015
FT20A............Flash tube for model 3022

* Replace asterisk in code and model numbers with desired color.
A = Amber, B = Blue, C = Clear, R = Red, G = Green

1500, 2000, 3000 Series Strobe Beacons

Model	1500 Series		2000 Series				3000 Series		
	1502	**1510**	**2004B**	**2012**	**2015**	**2022**	**3012**	**3015**	**3022**
Voltage	10/80	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Input Power (watts)	4	14	7	22	22	32	22	22	32
Output Power (watts)	2	10	5	15	15	22	15	15	22
Candlepower (millions)	1/4	1	1/2	1	1-1/2	2-1/2	1	1-1/2	2-1/2
Amp Draw @ 12 VDC	.35	.80/.65	.05	1.7	1.7	2.5	1.7	1.7	2.5
Joule Rating	1.35	5/6.3	4.2	8	13	19	8	13	19
Flash Patterns	Single Flash	Single Flash	Single Flash	RapidFire™	Flash-4™	Flash-4™	RapidFire™	Flash-4™	Flash-4™
Manual High Low	-	-	-	-	yes	yes	-	yes	yes
Automatic High Low	-	-	-	-	-	2022AC/2022AP	-	-	-
S.A.E Certification	n/a	n/a	Class 3	Class 2	Class 1	Class 1	Class 2	Class 1	Class 1
Base Material	polycarb.	polycarb.	polycarb.	polycarb.	polycarb. or cast alum.	polycarb. or cast alum.	polycarb.	polycarb	polycarb
Strobe Tube Model No.	-	FT1510	FT10A	FT10A	FT10A	FT20A	FT10A	FT10A	FT20A
Colors	amber/clear	5	amber	5	5	5	5	5	5

Notes: Colors are Amber, Blue, Clear, Red, and Green   Colors for S.A.E. Classifications: amber and clear are Class I; red, blue and green are Class II

1500 Series Strobe Beacons

Available in 2 watt or 10 watt single flash, these compact beacons are durable and dependable for light and medium duty applications. Modular design with three interchangeable parts: lens, power supply and base (Model 1510 also has a relampable strobe tube) and straightforward assembly, this high-reliability strobe is easy to service. 1500 Series strobes feature a non-corroding polycarbonate base and new "Twist Lock" dome.

Tops in economy, with great features and more value than any other strobe of similar size and cost. These are ideal when used as a flashing beacon for basic protection, position identification and presence warning, on non-construction utility vehicles and in-plant material handling equipment.

- ■ 10/80 VDC on Model 1502; 12/24 VDC on Model 1510.
- ■ Dome twists on and off (no screws).
- ■ Low and compact profile.
- ■ Weighs less than 3/4 pound.
- ■ New universal flanged base for permanent mount models.
- ■ Two models and two mounting options to choose from.
- ■ Full reverse polarity protection.
- ■ Only three interchangeable modules for easy replacement and stocking.
- ■ Model 1502 available in amber and clear.
- ■ Model 1510 available in all five safety colors.

Ordering Information

Model ....Description
1502*............4 watt input / 2 watt output single flash, 10/80 VDC, permanent mount. Available in amber and clear
1502M* ....4 watt input / 2 watt output single flash, 10/80 VDC, magnetic mount with cigar plug and cord. Available in amber and clear
1510*............14 watt input / 10 watt output single flash, 12/24VDC, permanent mount
1510M* ....14 watt input / 10 watt output single flash, 12/24VDC, magnetic mount with cigar plug and cord

Replacement Parts
FT1510..........Linear tube for 1510 Series
D1500* ....Dome for 1500 Series

* Replace asterisk in code and model numbers with desired color.
A = Amber, B=Blue, C = Clear, R=Red, G=Green

Model 1502
Available in amber & clear

Model 1510
Available in all five safety colors

3-3/4" (95mm)
5" (127mm)

Form# 20001002

WHELEN
Engineers for the Emergency Warning Industry

High dome, high cast aluminum base

High dome, polycarbonate base

Low dome, cast aluminum base

Available in all five safety colors

Our most popular beacon with four basic models.

5" (127mm) / 6-3/4" (171mm) — low dome, cast base

5" (127mm) / 6-3/8" (86mm) — low dome, poly base

5-7/8" (149mm) / 6-3/8" (86mm) — low dome, poly base, branch guard

6-1/2" (127mm) / 6-3/4" (171mm) — high dome, cast base

6-1/2" (127mm) / 6-3/8" (86mm) — high dome, poly base

8-5/8" (219mm) / 7" (177mm) — high dome, high cast aluminum base

7-1/2" (190mm) / 6-3/8" (86mm) — high dome, poly base, branch guard

2000 Series Strobe Beacons... Continuing to set the standards for the industry in the value strobe beacon market.

All 2000 Series Beacons offer the following standard features:

- **Fully enclosed base:** Whether you choose the sturdy polycarbonate base or the cast aluminum base model, all strobe power supplies are encased within the base itself for added protection against moisture and vibration.
- **Silicone coated power supplies:** For added protection against the elements, all strobe power supplies are double dipped in a uniquely formulated silicone mixture before being secured into the base enclosure.
- **External flange mount, internal "secure" mount, or pipe mount all in one:** All 2000 Series strobe beacons come standard with a base that allows you to either:
  (1): externally mount the beacon with a sturdy built-in flange,
  (2): knock out 3 holes for permanent "secure mount",
  (3): pipe mount via a built-in 1" pre-threaded base.
- **Magnetic mount models** include cigar cord and plug.
- **New optic, interchangeable domes:** High dome strobe beacons are now equipped with the newest state-of-the-art single lens optics to optimize their light output. All beacons utilize the same low and high domes for ease of interchangeability.
- **Easy access for modular parts replacement:** After removing two screws from the outer dome, you are able to easily access either the flashtube or the strobe power supply without removing the beacon from your roof.
- **Warranty:** All Whelen 2000 Series strobe products offer a maximum 3 year from date of manufacture warranty on all strobe power supplies, and a 6 month warranty on flashtubes. See User Direct Warranty Statement for full details.
- **All models 12/24 VDC operation.**
- **Multiple flash patterns** and high/low intensity control available with Models 2015 and 2022.
- **Low current consumption,** reverse polarity protection.
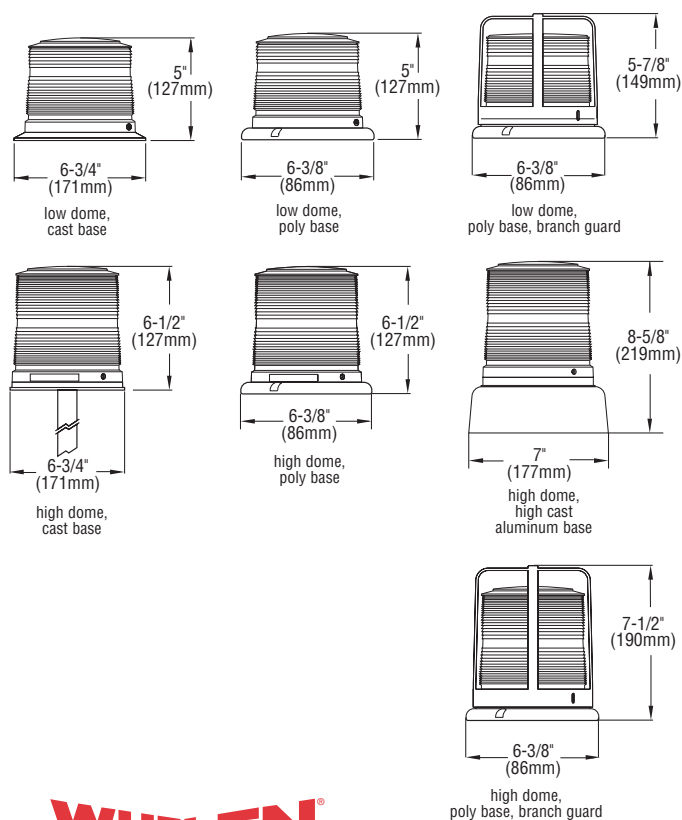
2000 Series has the Inside Advantage

Large diameter, 7mm xenon flash tube easily plugs in for single field replacement (U-shaped or 1-1/2" turn helix design).

Modular electronic assembly is removable as a single unit. Uses 1/2 the power of most rotating lights.

Fully enclosed, molded polycarbonate base or die cast aluminum base depending on model selected.
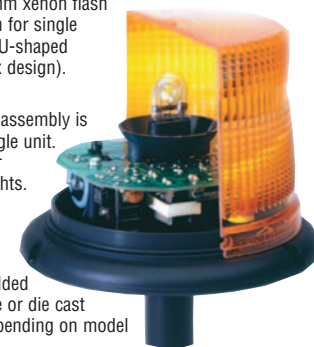
Tough, shatter-resistant polycarbonate double fresnel lenses provide optically correct 360° light dispersion. Available in high or low profile, in all five safety colors.

Knock-out holes in base for concealed, tamper-proof mounting.

Standard base includes both recessed 1" pipe and flat mount.

Model 2004B Series
- SAE Classification: SAE Class 3 Strobe Beacon (amber)
- Input power: 7 watts, output power: 5 watts; 4.2 joules
- Flash rate: 70 single FPM
- Amperage Draw: .5 amps/12 volt; .25 amps/24 volt
- Base Material: polycarbonate
- Available with amber dome only

Model 2012 Series - RapidFlash™
- SAE Classification: SAE Class 2 Strobe Beacon (all colors)
- Input power: 22 watts, output power: 15 watts; 8 joules
- Flash rate: 120 single RFPM
- Amperage Draw: 1.7 amps/12 volt; .85 amps/24 volt
- Base Material: polycarbonate

Models 2015 - Flash-4™
- SAE Classification: SAE Class 1 Strobe Beacon (amber & clear)
  SAE Class 2 Strobe Beacon (red, blue & green)
- Input power: 22 watts, output power: 15 watts; 13 joules
- High/Low Intensity Feature: Manual Hi/Low operation is standard on all permanent/pipe mount models
- An automatic Photocell Hi/Low feature is standard on 2015AP & 2015AC models only
- Flash rate: "Flash-4" feature. All patterns standard in all beacons:
  QuintFlash: 72 FPM (default pattern)
  Double Flash: 115 FPM
  Modu-Flash: 150 / 370 / 150 variable FPM
  Action Flash: A unique combination of Quint & Single Flash
  (To make a choice from the QuintFlash factory default pattern, simply cut the specified jumper on the strobe power supply)
- Amperage Draw: 1.7 amps/12 volt; .85 amps/24 volt
- Base Material: polycarbonate or cast aluminum

Models 2022 - Flash-4™
- SAE Classification: SAE Class 1 Strobe Beacon (amber & clear)
  SAE Class 2 Strobe Beacon (red, blue & green)
- Input power: 32 watts, output power: 22 watts; 19 joules
- High/Low Intensity Feature: Manual Hi/Low operation is standard on all permanent/pipe mount models
- An automatic Photocell Hi/Low feature is standard on 2022AP & 2022AC models only
- Flash rate: "Flash-4" feature. All patterns standard in all beacons:
  QuintFlash: 72 FPM (default pattern)
  Double Flash: 115 FPM
  Modu-Flash: 150 / 370 / 150 variable FPM
  Action Flash: A unique combination of Quint & Single Flash
  (To make a choice from the QuintFlash factory default pattern, simply cut the specified jumper on the strobe power supply)
- Amperage Draw: 2.5 amps/12 volt; 1.25 amps/24 volt
- Base Material: polycarbonate or cast aluminum

Ordering Information

Model ....Description

2004B Series
2004BLA ......Low dome, polycarbonate base, perm/pipe mount
2004BHA ......High dome, polycarbonate base, perm/pipe mount
2004BLAM ....Low dome, magnetic base with cigar plug and cord
2004BHAM ....High dome, magnetic base with cigar plug and cord

2012 RapidFire™ Series
2012LP* ......Low dome, polycarbonate base, perm/pipe mount
2012HP* ......High dome, polycarbonate base, perm/pipe mount
2012LP*M ....Low dome, magnetic base with cigar plug and cord
2012HP*M ....High dome, magnetic base with cigar plug and cord

2015 Flash-4™ Series
2015LP* ......Low dome, polycarbonate base, perm/pipe mount
2015HP* ......High dome, polycarbonate base, perm/pipe mount
2015LP*M ....Low dome, magnetic base with cigar plug and cord
2015HP*M ....High dome, magnetic base with cigar plug and cord
2015LC* ......Low dome, cast aluminum base, perm/pipe mount
2015HC* ......High dome, cast aluminum base, perm/pipe mount

2022 Flash-4™ Series
2022LP* ......Low dome, polycarbonate base, manual high/low control, perm/pipe mount
2022HP* ......High dome, polycarbonate base, manual high/low control, perm/pipe mount
2022LP*M ....Low dome, manual high/low control, magnetic base with cigar plug and cord
2022HP*M ....High dome, manual high/low control, magnetic base with cigar plug and cord
2022AP* ......High dome, polycarbonate base, auto high/low control, perm/pipe mount
2022AC* ......High dome, cast alum. base, auto high/low control, perm/pipe mount
2022LC* ......Low dome, cast alum. base, manual high/low control, perm/pipe mount
2022HC* ......High dome, cast alum. base, manual high/low control, perm/pipe mount
2022RC* ......High dome, natural cast aluminum riser base, manual high/low control, perm/pipe mount

Options
MMK ....90 lb. pull magnet mt. kit with 8 ft. cord & plug
CP ....8 ft. cord and plug only, no magnet
SLM ....Self-leveling mount, heavy duty
LB2000 ....L bracket for side mounting
DCH ....Dust cover for high dome only
SS ....Sun shade, mylar
BGL ....Branch guard for low dome
BGH ....Branch guard for high dome
LSK ....Single lighted switch mounted on bracket, wired & fused

Replacement Parts
DH2000* ......High dome for 2000 Series
DL2000* ......Low dome for 2000 Series
FT10A...........Flash tube for models 2004B, 2012 and 2015
FT20A...........Flash tube for model 2022

* Replace asterisk in code and model numbers with desired color.
A = Amber, B = Blue, C = Clear, R = Red, G = Green

SLM

SS

DCH

BGL

LB2000

LSK

MMK