Whelen Products are designed & manufactured in the U.S.A.

LIGHTBARS
SIRENS, SPEAKERS AND SWITCH CONTROLS

Whelen Products are designed & manufactured in the U.S.A.

CATALOG LB06
Choose three, six or eight Linear Super-LED®, or, eight or ten super bright TIR3® Super-LED modules in a rugged housing that fits snugly against the upper front windshield and upper or lower back window. Available for late model Crown Victoria, Expedition, Impala, Suburban, or Tahoe police vehicles.

- Full-featured interior lightbar that is virtually undetectable when not in operation.
- Super-LEDs are low current, vibration and moisture resistant for reliable long life operation.
- 6 lamp unit available in split housing with three lamps in each unit for either side of rear view mirror in 2006 Chevy Impala or Dodge Charger.
- Requires customer supplied switches or control head, purchased separately.
- Available in four safety colors.
- Scan-Lock™ provides multiple flash patterns.
- Order by choosing housing model and then add LED lighthead colors.
- Five-year warranty on LEDs.

FORWARD FACING

TIR3® Super-LED®
- Two MR8 halogen take-down lights.
- Easy installation to visor by anchor points, no holes.
- Meets SAE specifications.
- TIR3 version features eight or ten TIR3 Super-LEDs, including two modules covering critical 45° angles.

2005-1/2 to 2006 Crown Victoria, with 13-1/4" between visor mounting brackets:
- 102UF8: Eight lamp unit.
- 102UFZ: Ten lamp unit.
- 2005 Chevy Suburban and Tahoe:
- 104UF8: Eight lamp unit.
- 104UFZ: Ten lamp unit.
- 2005 Ford Expedition:
- 105UF8: Eight lamp unit.
- 105UFZ: Ten lamp unit.

Linear-LED®
- Meets SAE & California Title XIII specifications.
- California steady-burn mode factory preset or customer configured in the field.
- Seven Super-LEDs produce a wider light pattern.
- Center mounted Linear-LED available in split colors.

2005-1/2 to 2006 Ford Crown Victoria, with 13-1/4" between visor mounting brackets:
- 102UFL7: Seven lamp unit.
- 2005 Chevy Suburban & Tahoe:
- 104UFL7: Seven lamp unit.
- 2005 Expedition:
- 105UFL7: Seven lamp unit.

THREE Linear-LED®
Three super bright Linear-LED modules in a smaller housing that fits snugly against the upper front windshield of late model Ford Crown Victoria police vehicles.

- New optional two Linear-LEDs & one center mounted strobe and mounting hardware, Standard, red, blue and/or amber. For white LED modules, contact factory.
- Size: 2-3/4” (71mm) H x 7-1/8” (181mm) W x 18” (46cm) L.

2005-1/2 to 2006 Crown Victoria:
- I02UF7*: Three single color, for vehicle with 13-1/4" between visor mounting brackets.
- I02UF 8*: Two single color, and two center mounted MR8 take downs, upper front unit, for vehicle with 13-1/4" between visor mounting brackets.
- I02UR*8*: California steady red, one single color Super-LED and two center mounted MR8 take downs, for vehicle with 13-1/4" between visor mounting brackets.

REAR FACING

TIR3® models meet SAE specifications.
- Linear-LEDs meet California Title 13.

Upper TIR3® Super-LED Models
- Choose from four configurations with eight or ten TIR3 Super-LEDs:
  - Eight or ten lamp warning light or Traffic Advisor®, field programmable.
  - Eight lamp unit available with a six lamp Traffic Advisor with a single flasher on either end.
  - Ten lamp unit available with an eight lamp Traffic Advisor with a single flasher on either end.
  - Ten lamp unit is available with a six lamp Traffic Advisor with two flashers on either end.

2005-1/2 to 2006 Ford Crown Victoria:
- I02UR8L*: Eight LED unit, programmable for warning or 8 Lamp Traffic Advisor.
- I02UR6L: Six LED Traffic Advisor with two end flashers.
- I02URZ: Ten LED unit, programmable for warning or 10 lamp Traffic Advisor.
- I02UR26: Six LED Traffic Advisor with four end flashers.
- I02UR28: Eight LED Traffic Advisor with two end flashers.

Upper Linear-LED® Models
- Eight programmable modules for warning light or Traffic Advisor operation.
- Six lamp Traffic Advisor with a single flashing light on either end.

2005-1/2 to 2006 Ford Crown Victoria:
- I02UR8L: Eight Linear-LED unit, programmable for warning or 8 lamp Traffic Advisor.
- I02UR8LT: Six Linear-LED Traffic Advisor with two end flashers.

Lower Linear-LED® Models
- Six or eight Linear-LED lower units with mounting kit.

2005-1/2 to 2006 Ford Crown Victoria:
- I02RL6L: Six Linear-LED unit, programmable for warning or 6 lamp Traffic Advisor.
- I02RL8L: Eight Linear-LED unit, programmable for warning or 8 lamp Traffic Advisor.
- I02RL8LT: Six Linear-LED Traffic Advisor with two end flashers.

2006 Dodge Charger:
- I07RL6L: Six Linear-LED unit, programmable for warning or 6 lamp Traffic Advisor.
- I07RL8L: Eight Linear-LED unit, programmable for warning or 8 lamp Traffic Advisor.
- I07RL8LT: Six Linear-LED Traffic Advisor with two end flashers.

Other model vehicles may be added, contact your local Whelen representative for details.

“LIGHTBAR WIZARD” PROGRAM is available on disk or at our website: www.whelen.com
LFL Liberty features the next generation, all Linear-LED® technology in a warning package that rivals strobe in impact. New standard Model SX Series now features the “XL” extended LED corner module and MR11 alley light, shipping now. All LFL Liberty models provide heavy-duty, long life operation with low, low current draw.

Distributors will appreciate the convenience of stocking basic assemblies with factory installed front and rear LED wiring harnesses.

■ Easily upgradeable. Choose the standard four “XL” extended corner Linear Super-LED modules, then later add up to 12 Linear Super-LED modules, for a total of 16 Super-LED modules.

■ Build your lightbar in any color combination with take-downs and LED modules in any position you want.

■ Buy a base bar and add pairs of Linear-LED modules at any time in the future at the distributor or end user level.

■ Seek, aerodynamic profile with state-of-the-art optics.

■ Optional halogen take-down & alley lights.

■ Optional five or six LED Traffic Advisor with ultra high intensity TIR6® or Linear Super-LED modules.

■ Three standard lengths: 43”, 48” and 54”.

■ High/Low power control and cruise light mode of corner modules with two intensity modes, standard.

■ Gear outer lenses are standard, optional color lenses are available.

■ All internal lightheads are driven by an all electronic I/O board that provides proper input power. You are assured of equal light intensity from each lighthead through a voltage range of 10-16 VDC.

■ Scan-Lock™ allows you to scan through ten flash patterns and lock in the desired pattern. Every pair of lights can have its own unique pattern.

■ All models exceed SAE requirements.

■ Extruded aluminum chassis provides superb strength and stability.

■ All Super-LED modules feature wide-angle design for increased performance.

LFL Liberty™ Super-LED® SX Series Lightbars

Maximum heads-up warning in an extreme low profile lightbar. New SX models have improved by adding “brighter” extended corner modules and MR11 alley lights!

■ Low “LC” Current operation uses a small diameter external cable harness for operation with standard, low current switch controls or micro switches.

■ Pre-wired with 15’ passenger side cable exit. Optional driver side cable exit.

■ Customer installed upgrade kits to convert SL version to SX are available.

■ 5 year Heavy-Duty Professional warranty on LEDs.

■ Size: 2-1/2” (64mm) H x 12” (304mm) W x 43-1/8” (109cm) or 48-1/2” (123cm) or 53-7/8” (137cm) L.

Options

■ Linear Super-LED direction inboard warning lights.

■ Four LED cruise lights.

■ Five or six Super-LED Traffic Advisor (full size or split) includes control head, or with two wire control (no control head).

■ Driver side cable exit, includes 25’ power/ground cable.

■ Crisscross flash pattern of end Linear-LEDs.

■ Two MR11 flashing alley lights for SX series only, do not use with older SL series lightbars.

Upgrade SL Series to SX Series with Customer Installed Kits

SXAM1KT is required if lightbar has alley lights.

SXKT****: Upgrade kit to convert SL into a SX series lightbar, includes 4 extended corner light modules.

SXAM1KT: MR11 alley lights kit, for use with SXKT kit only, includes two MR11 alley lights.

Upgrade SL Series to SX Series with Customer Installed Kits

SXAM1KT is required if lightbar has alley lights.

SXKT****: Upgrade kit to convert SL into a SX series lightbar, includes 4 extended corner light modules.

SXAM1KT: MR11 alley lights kit, for use with SXKT kit only, includes two MR11 alley lights.

Liberty SX Series

LFL Liberty™ SX Series with low current switching and 10 Scan-Lock™ flash patterns standard, with passenger side exiting 15’ cable and 1 LED power supply, 4 of the “XL” extended LED corner modules matched with a MR11 alley light option.

- SX4****: 43-1/8’’ lightbar
- SX8****: 48-1/2’’ lightbar
- SX2****: 54’’ lightbar

* Replace asterisk in model number with color of LED lightheads required. A = Amber, B = Blue, C = White, R = Red
Ultra Freedom features the next generation, all Linear-LED® technology in a warning package that rivals strobe in impact, but provides heavy-duty, long life operation with low, low current draw. Now available in two styles, the FL version with four standard corner Super-LED® modules, and the FX version with the “XL” extended LED corner modules and MR11 alley light. Easily upgradeable. For example, buy a four LED version today; add up to twelve more LED modules at a later date. Distributors will appreciate the convenience of stocking basic assemblies with factory installed front and rear LED wiring harnesses. All Ultra lightbars are made for rough treatment and long hours. From the extruded aluminum chassis on up, every component is designed and field-tested for performance under just those conditions.

- Choose from the standard four corner Linear Super-LED model or new “XL” extended corner module, then add up to 12 Linear Super-LED directional modules, for a total of 16 Linear-LED modules.
- Build your bar in any color combination with take-downs and LED modules in any position you want.
- Utilizing duplex Linear Super-LED modules, top level may be different color than bottom level with individual control of upper and lower levels.
- Aerodynamic profile, with the state-of-the-art wide angle design optics.
- High/Low power control and cruise light mode of corner modules with two intensity modes, standard.
- Take-down and alley lights are available in 400 Series halogen or MR16 style. MR16 alley lights allow the use of a TIR3™ Super-LED® module in the alley position also.
- Clear outer lenses are standard, optional color lenses available.
- Optional halogen flashing take-downs, alley lights and five or six Linear Super-LED Traffic Advisor®.

Two types of Traffic Advisors to choose from: 1) the standard model with a full feature control head that allows for multiple patterns and LED status display, or 2) a two-wire model that operates off of any two switches and does not require a special control head to operate.

- All internal lightheads whether LED or halogen, are driven by a single all electronic I/O board that provides proper input power. You are assured of equal light intensity from each lighthead through a voltage range of 10–16 VDC.
- Scan-Lock™ allows you to scan through ten flash patterns and lock in the desired pattern. Every pair of lights can have its own unique pattern.
- All models meet or exceed SAE Class 1 and California Title XIII requirements.
- Extruded aluminum I-beam chassis provides superb strength and stability.
- Slightly wider footprint provides greater stability and weight distribution.
- Low “LC” Current operation uses a small diameter external cable harness for operation with standard, low current switch controls or micro switches.
- Pre-wired with 15’ passenger side cable exit, optional driver side cable exit.
- Standard lengths: 44, 50, 55”.
- Custom lengths: 60, 66, 72, 77, 82, 88, 93 & 98”.
- Available NFPA lightbars meet NFPA 1901 Lighting Standards with standard lengths of 55”, 60” and 72”.
- 5 year Heavy-Duty Professional warranty on LEDs.
- Size: 3-3/4” (95mm) H x 12” (304mm) W x 44-3/8” (113cm) or 49-3/4” (126cm) or 55-1/8” (140cm) or 60” (152cm) or 72” (183cm) L

**OPTIONS**

- One or two color inboard directional Super-LEDs.
- MR16 halogen flashing take-down lights.
- MR16 halogen flashing alley lights or MR11 flashing alley lights with two TIR3 Super-LED in amber, red and/or blue.
- Two MR11 flashing alley lights for FX only.
- Four LED cruise lights.
- Five or six 400 Series LED or Linear Super-LED Traffic Advisor, includes control head, or with two wire control; no control head.
- Driver side cable exit, includes 25’ power and ground cable.
- 49” or 55” lightbar pre-wired for 3M® Model 9592 Opticom®.
- 3M Emitter.

**Start with four Linear-LED modules and add up to twelve more Linear-LED modules, or different options, for a total of sixteen lights in the combination you need.**

**FL Series**
- 1 power supply, 4 corner Linear-LEDs
  - FL4***: 44-3/8” lightbar
  - FL8***: 49-3/4” lightbar
  - FL2***: 55” lightbar

**FL Series Front Facing**
- 1 power supply, 4 front Linear-LEDs
  - FL4****F: 44-3/8” lightbar
  - FL8****F: 49-3/4” lightbar
  - FL2****F: 55” lightbar

**FX Series Option**
- Ultra Freedom FX Series, same as FL but with the “XL” extended LED corner modules and MR11 alley light option.
  - FX4****: 44-3/8” lightbar
  - FX8****: 49-3/4” lightbar
  - FX2****: 55” lightbar
  * Replace asterisk in model number with color of LED lightheads required.
  - A = Amber, B = Blue, C = White, R = Red

**FX Series Option**
- Ultra Freedom FX Series, same as FL but with the “XL” extended LED corner modules and MR11 alley light option.
  - FX4****: 44-3/8” lightbar
  - FX8****: 49-3/4” lightbar
  - FX2****: 55” lightbar
  * Replace asterisk in model number with color of LED lightheads required.
  - A = Amber, B = Blue, C = White, R = Red
High performance and reliability in our extremely low profile (2-1/2" high) lightbar, with all the pizzazz of a conventional height lightbar. The LFL Patriot Series combines the latest strobe, LED and halogen technology into a compact design. Start with high-impact 4, 6, or 8 strobes, then add up to 12 LED modules and up to 4 halogen modules. All LFL Patriot lightbars have a slightly wider footprint that provides greater stability and weight distribution on the thinner roof construction of today’s vehicles.

- Sleek, aerodynamic profile and high impact wide angle optics.
- Optional halogen take-downs, alley lights and LED or TIR6™ Super-LED® flashers (up to 6 front & 6 rear).
- Optional LED or TIR6 Super-Led Traffic Advisor™ with two-wire control, does not require a special control head for operation.
- Optional “Personality” module provides enhanced control and added flexibility to the operation of all lamps.
- Strobe power supplies have ten externally selectable flash patterns using Scan-Lock™ momentary selection switching.
- Low “LC” Current operation uses a small diameter external cable harness for operation with standard, low current switch controls or micro switches.
- Three standard lengths: 44", 48" & 54".
- Pre-wired 15' passenger side cable exit. Optional driver side cable exit available.
- Extruded aluminum chassis provides superb strength and stability.
- All models exceed SAE requirements.
- 5 year warranty on power supply, 2 year warranty on strobe tubes, 5 year warranty on LEDs.
- Size: 2-1/2" (64mm) H x 12" (304mm) W x 43-1/8" (109cm) or 48-1/2" (123cm) or 53-7/8" (137cm) L.

**OPTIONS**

Certain options available as customer installed kits:

- Driver side cable exit, includes 25' power/ground cable.
- One or two halogen alley or take-down lights, also available in kits.
- Standard take-downs and alleys in 500 Series halogen or MR11.
- MR11 alley light option with TIR3™ warning.
- Flashing take-down and alley light upgrade.
- LED cruise light kit includes four LED cruise lights and brackets.
- Two LED or TIR6 Super-LED lights, front or rear facing, also available in kits.
- Five or six Super-LED or 5mm Traffic Advisor, two wire control, no control head, also available in kits.
- Edge lightbar pre-wired to Whelen switch control.
- Optional lens section, glued.
- End strobe filter.
- Two or four strobe light upgrade kit, includes 500 Series strobes & 1-LFL412 power supply.
- 500 Series non-optic lens.
- Special configuration, other than standard.
Ultra starts with modular architecture "snap-in/lock-in" components, and an internal wiring harness that lets you select strobe, LED & halogen warning configurations. Easily upgradable; you can buy a four-strobe version today; add up to eight more strobe modules or other options at a later date. Now you can easily build the exact lightbar you’ve been looking for.

Distributors will appreciate the convenience of stocking basic assemblies with factory installed wiring harnesses. All Edge Ultra lightbars have a slightly wider footprint, which provides greater stability, and weight distribution.

- Design your own lightbar with your choice of strobe, halogen and LED modules or build in a halogen or LED Traffic Advisor®.
- Ultra LC is available in four, six, eight, ten or twelve strobe models.
- External cable is small in diameter for easier installation.
- Internal electronics allow for 22 gauge external wiring for all switching functions.
- Low “LC” Current operation uses a small diameter external cable harness for easier installation and operation with standard, low current switch controls or micro switches.
- Secondary warning lamp modules available are all strobe, all halogen, all LED; combination: strobe over halogen, strobe over LED, halogen over halogen, LED over LED, and LED brake/taillight.
- All inboard lamp modules and lenses are the same size and can be placed anywhere in the lightbar.
- End caps with clear lenses are available with color inner filters for individual front and rear color selection. Filters are also available for color combinations on duplex light modules.
- Strobe power supplies provide ten Scan-Lock™ flash patterns using a momentary selection switch.
- Optional "Personality" module provides enhanced control & added flexibility to the operation of all lamps such as flashing take-downs and alleys. Contact your Whelen Representative for details.

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### 9U24 Series
- 1 power supply, 4 strobes (2 Front/2 Rear)
- 9U24000: 44-3/8" lightbar
- 9U24800: 49-3/4" lightbar
- 9U24200: 55" lightbar

### 9U24-F Series
- 1 power supply, 4 front facing strobes
- 9U24400F: 44-3/8" lightbar
- 9U24800F: 49-3/4" lightbar
- 9U24200F: 55" lightbar

### 9U36 Series
- 2 power supplies, 6 strobes (4 Front/2 Rear)
- 9U36400: 44-3/8" lightbar
- 9U36800: 49-3/4" lightbar
- 9U36200: 55" lightbar

### 9U38 Series
- 2 power supplies, 8 strobes (4 Front/4 Rear)
- 9U384000: 44-3/8" lightbar
- 9U388000: 49-3/4" lightbar
- 9U382000: 55" lightbar

### 9U40 Series
- 3 power supplies, 10 strobes (4 Front/4 Rear/2 End)
- 9U404000: 44-3/8" lightbar
- 9U408000: 49-3/4" lightbar
- 9U402000: 55" lightbar

### 9U42 Series
- 3 power supplies, 12 strobes (6 Front/4 Rear/2 End)
- 9U424000: 44-3/8" lightbar
- 9U428000: 49-3/4" lightbar
- 9U422000: 55" lightbar

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**Options**

Certain options available as customer installed kits:

- Driver side cable exit, with 25' power/ground cable.
- Two single or duplex halogen alley lights.
- One or two halogen, single or duplex take-down lights.
- Flashing take-down & flashing alley light enable module, requires purchase of take-down and/or alley lights.
- Piercer II®, dual strobe, nose piece with built-in power supply.
- PierceAlert®, twin oscillating lamp assemblies, clear or color housing with clear or color windows.
- One halogen California steady red or blue identification light.
- Two single or duplex LED flashing lights, front or rear facing, also available as a kit.
- Two single or duplex halogen flashing lights, front or rear facing.
- LED cruise lights.
- 50" or 55" Edge Ultra lightbar pre-wired for 3M® Model 9592 Opticom®.
- 3M Emitter for Edge Ultra lightbars.
- Printed sign for Edge lightbar.
- LED backlit sign for Edge lightbar, amber.
- Edge lightbar pre-wired to Whelen switch control.
- Built-in five or six halogen or LED panel (or duplex size) Traffic Advisor, programmable flash patterns standard, (not available in all models), also available as a kit.
- Half color filter for strobe or halogen duplex modules.
- Corner color filter for use with clear end cap.
- Optional lens section, glued.
- Built-in Smart Arrow Messenger® Series.
- Custom lengths: 60, 66, 72, 77, 82, 88, 93 & 98".
- Two strobe light upgrade kit.
Built on the classic Edge 9000 extruded aluminum I-Beam chassis, this series is a highly effective, user friendly and cost efficient addition to the Edge family.

**OPTIONS**

Certain options available as customer installed kits:
- 15’ five conductor cable, allowing for external individual Scan-Lock™ flash patterns of each power supply and flasher module.
- Driver side cable exit, includes 25’ power/ground cable.
- Lo-Pro™ speaker and speaker kit for customer supplied drive.
- Two single; duplex halogen alley or take-down lights (Halogen wired through auxiliary inputs).
- Two or four single or duplex halogen lights or LED panels, includes flasher with steady-burn priority mode.
- Pierce II™ dual strobe nose piece with built-in power supply.
- Pierce Alert™, twin oscillating lamp, with clear or color housing, and clear or color lens.
- Two single or duplex LED brake/tail/turn lights, includes wiring harness.
- LED cruise lights.
- Printed or lighted sign.
- 44”, 49” or 55” lightbar pre-wired for 3M® Model 9592 Opticom™.
- 3M Emitter for Edge® 9M lightbars.
- Built-in 5 or 6 halogen or LED single or duplex lamp Traffic Advisor with control head.
- Built-in 6 single or duplex strobe light Traffic Advisor two wire control, with power supply.
- Half color filters for use with strobe or halogen duplex modules.
- Two or four strobe light upgrade kit (two/four 400 Series strobes & one power supply).
- Corner color filter for use with clear end cap.
- Lens section glued.
- Custom lengths: 60”, 66”, 72”, 77”, 82”, 83”, 93” or 98”.
- Built-in Smart Arrow Messenger™ Series.
Delta Independence offers sleek multi-level warning featuring halogen rotating lights for primary warning, with strobe, halogen, LED and Super-LED® auxiliary warning. With two to six rotating halogen modules plus diamond mirrors, Delta Independence displays plenty of flash activity while still allowing options like halogen oscillators, take-downs and alley lights with a built-in lower level TIR6™ Super-LED® Traffic Advisor®. Rotating halogen modules feature precision double ball bearing design for a quiet long life and superior performance, and require only standard, off-the-shelf bulbs for replacement. The shatter-resistant dome is secured to the base with just four screws on a polycarbonate platform for easy access to internal components without removing the lightbar from the vehicle. The extruded aluminum base will not sag or warp and rugged, six-point fiberglass-filled nylon mounting feet provide a stable stance. Delta Independence lightbars are easy to install, easy to maintain and easy to operate with knockout warning capability.

STANDARD FEATURES
- Class 1, SAE Certified, all models.
- Two to six rotating halogen modules plus diamond mirrors.
- Multi-level styling for 360° of uninterrupted warning.
- Dome available in all five safety colors or individual colored filters on each rotator with clear dome.
- 12 VDC, with 15’ cable length, standard.
- 3 year motor assembly warranty.
- 5 year warranty on LEDs.
- Size: 5-1/2” (140mm) H x 16-3/4” (425mm) D x 44-5/16” (113cm), 49-3/4” (126cm), 56-5/16” (143cm), 61-13/16” (157cm), or 72-11/16” (185cm) L.

OPTIONAL FEATURES
- Two front and/or rear halogen oscillators.
- Up to four halogen take-down (work lights) and alley lights, available in 500 Series halogen or MR11 style.
- MR11 take-downs (work lights) and alley lights, single or dual with or without TIR3™ Super-LED warning.
- Up to eight LED flashers, front and/or rear; California red and blue steady lamps.
- Two or four linear strobes for either upper or lower level.
- Half cylinder filters available for split rotator color requirements.
- Built-in lower level halogen, LED or TIR6 Super-LED Traffic Advisor.
- DELTA Series
  - Includes two rotators and diamond mirrors
  - DI2S400 44-5/16”, 135 RPM rotators
  - DI2S800 49-3/4”, 135 RPM rotators
  - DI2S200 56-5/16”, 135 RPM rotators
  - DI2S000 61-13/16”, 135 RPM rotators
  - DI2S700 72-11/16”, 135 RPM rotators
  - DI2H400 44-5/16”, 175 RPM high speed rotators
  - DI2H800 49-3/4”, 175 RPM high speed rotators
  - DI2H200 56-5/16”, 175 RPM high speed rotators
  - DI2H000 61-13/16”, 175 RPM high speed rotators
  - DI2H700 72-11/16”, 175 RPM high speed rotators

DELTA Series Dome Sets
- D4**** for 44-5/16” lightbar, three colors
- D6**** for 49-3/4” lightbar, three colors
- DD2***** for 56-5/16” lightbar, five colors
- DD0***** for 61-13/16” lightbar, five colors
- DD7***** for 72-11/16” lightbar, five colors
* Replace symbol in model number with letter indicating dome color:
  - A=Amber, B=Blue, C=Clear, R=Red, G=Green

UPPER LEVEL OPTIONS
- Built-in; not all options available in all models.
  - One center rotator, standard or high speed for single center section, or with two flat mirrors for dual center section.
  - One 400 Series halogen flasher, strobe or Linear Super-LED flasher for single center section.
  - Two 400 Series halogen flashers, strobes or Linear Super-LED flashers for outboard or double center section.
  - Delta lightbar pre-wired for 3M® model 792H Opticom® (includes cable and bracket).
  - Color filter for rotator, installed.
  - 180° color half-cylinder filter for rotator.

LOWER LEVEL OPTIONS
- One 500 Series halogen take-down light, for single center section, or two for outboard or dual center section.
- Two oscillators.
- Two TIR3 Super-LED lights.
- One 500 Series halogen, LED, TIR6 Super-LED or Linear Super-LED flasher, for single center section.
- One MR11 halogen take-down light or two for outboard or dual center section.
- Two MR11 halogen alley lights, also available for outboard section with two TIR3 Super-LEDs.
- One or two California steady halogen lights.
- Flashing take-down and alley light upgrade.
- MR11 with TIR3 Alley Light
- Opticom® (includes cable and bracket)
- Alley Light
- Oscillator

Delta lightbar pre-wired for 3M® model 792H Opticom® (includes cable and bracket).
Centurion™ Lightbars

A bigger, bolder, brighter rotating halogen lightbar ideally suited for Police, Fire and EMS vehicles. Rugged Centurion lightbars are sized to hold a wide range of factory or customer installed options including a 123 dB speaker, corner strobes, halogen flashers and more. It’s easy to install, easy to maintain, and features “shock mount” rotator plate design to isolate motor and gear noise for surprisingly quiet performance. Build the Centurion that meets all your requirements...now and down the road!

- Two speed motors: 135 RPM outboard; 135 or 175 RPM inboard with double ball bearing motor assembly design, has less friction, less noise and maintains accurate flash rates in a wide temperature range.
- Parabolic reflector assembly with 50 watt snap-in halogen lamps increases optic light spread for increased light output.
- Captive tongue and groove design secures dome to base for moisture resistance.
- Extruded aluminum base never warps or sags, with optimum shock protection.
- Mounting foot kit provides wide footprint for greater stability.
- Parts change easily with just a screwdriver.
- Sizes are 48”, 52”, 60” and 72”.
- Models include solid color domes with clear lower level lens & clear lens dividers.
- Pre-wired with 15’ driver side exit. Optional passenger cable exit available.
- Meets or exceeds SAE and California Title XIII requirements.
- A wide range of options; can be factory installed or added later by the customer.
- 3 year warranty on motor assembly.
- 2 year warranty on Linear strobe.
- 5 year warranty on LEDs.
- Size: 6-3/8” (161mm) H x 12” (304mm) W x 48” (122cm), 52” (132cm), 60” (152cm) or 72” (183cm) L.

CENTURION SERIES

- 360° STROBE LIGHTBARS
Includes two 22 watt, 360° Strobe Beacons with 30° “V” Mirrors.
C00280**: 48”
C00220**: 52”
C00200**: 60”
C00270**: 72”
* Last two digits indicate color of internal strobe lens. Replace asterisk in model number with lens color desired. A = Amber, B = Blue, C = Clear, G = Green, R = Red

- ROTATING LIGHTBARS
Model numbers ending in “E” indicate model without options available.
C2008000/C200800E: two rotators, two “V” mirrors, 48”
C2002200/C200220E: two rotators, two “V” mirrors, 52”
C2000000/C200000E: two rotators, two “V” mirrors, 60”
C2007000/C200700E: two rotators, two “V” mirrors, 72”

COMBINATION LIGHTBARS
Strobe, rotating, flashing halogen or LED combination lightbars available. Contact factory for information.

OPTIONS
Certain options available as customer installed kits. Not all options available in all models.
- One high speed center rotator, 175 RPM, with two “V” mirrors.
- Two high speed inboard rotators, 175 RPM, with four “V” mirrors.
- One center rotator w/ two “V” mirrors.
- One or two 22 watt 360° inboard strobe beacons, 30° “V” mirrors.
- One or two twin duplex alley or take-down lights.
- One or two twin duplex California steady identification light, red filter driver side or blue filter, passenger side.
- Substitute an electro-mechanical flasher for solid-state flasher (for one pair only).
- Two lower level outboard/Intersector 14 Series strobes, front facing, includes 20 watt power supply, clear only.
- Two lower level outboard 17 Series strobes, front or rear facing, with 20 watt power supply, clear only.
- Two lower level outboard 17 Series strobes, front or rear facing, with 20 watt power supply.
- Two lower level outboard 17 Series LED panels, front or rear facing, includes flasher.
- Two upper 6” x 4” strobes, front or rear facing, includes center mounted power supply, optional color filters available for use with clear outer domes.
- Four upper 6” x 4” strobes, 2 front/2 rear, includes center mounted power supply, optional color filters available for use with clear outer domes.
- Two 6” x 4” rear halogen work lights (60” bar minimum, center mounted).
- Two built-in duplex LED brake/tail/turn, red filter.
- Two built-in cruise lights.
- 180° color half-cylinder filter kit for rotator.
- Color filter for rotator, installed.

Larger profile, bi-level lightbar with halogen rotators or strobe beacon in upper level. Lower level accommodates take-downs, flashers, alley lights, brake lights and Traffic Advisor™.
LFL PATRIOT™ MINI
- Sleek, aerodynamic profile, with 4 strobes in our lowest profile lightbar.
- Magnetic or permanent mount.
- Optional take-downs, alley lights and single flashers for 22” permanent mount only.
- Extruded aluminum 2 piece chassis will not sag, warp or bend.
- 5 year warranty on power supply, 2 year warranty on strobe tubes.
- Size: 2-1/2” (64mm) H x 12” (304mm) W x 17-1/4” (44cm) L.

MLFL17M: 17-1/4” magnetic mount
MLFL17P: 17-1/4” permanent mount
MLFL22M: 22” magnetic mount
MLFL22P: 22” permanent mount

OPTIONS FOR PERMANENT MOUNT
- Two halogen take-down or alley lights.
- Two front or two rear halogen flashing lights.
- Two front or two rear LED flashing lights.

MINI CENTURION™
- Useful for vehicles where space is tight or, due to the size of the vehicle, the use of two mini lightbars offers a benefit over the use of a single lightbar.
- Permanent mount standard with two 1-1/2” high permanent mount brackets.
- Optional slide bolt mounts and 5” riser permanent mount available.
- 3 year warranty on motor assembly.
- Size: 6-3/8” (161mm) H x 12” (304mm) W x 22” (56cm) L.

C200A000: two rotating halogen beacon, diamond mirror, 17” wiring harness
C200A00E: two rotating halogen beacons, diamond mirror, 6” pigtail, no options available
C002A00*: two 22 watt, 360° strobe beacons, with clear or color domes housed in a clear or color outer lens

OPTIONS
- Two twin duplex take-downs, clear filter.
- One twin duplex California steady ID light, red filter driver side, blue filter passenger side.
- Two twin duplex front or rear flashers, electronic flasher, includes filter color of choice.
- Substitute an electro-mechanical flasher for solid-state flasher.
- Two lower level intersection 14 Series strobes, front facing, includes 20 watt power supply.
- Two lower level 17 Series strobes, front or rear facing, includes 20 watt power supply.
- Two built-in cruise lights.
- Color filter for rotor.

GUARDIAN™ MINI
- Permanent, magnetic or magnetic suction mounts.
- Halogen versions have diamond mirror with 540 RPM (G1 Series) or 700 RPM (G2 Series). Motor assembly has 3 year full factory warranty.
- Strobe models contain either two Class 1 self-contained strobe beacons (G6 Series), or two Class 1 remote strobe heads; a built-in 40 watt strobe power supply and full size diamond mirror (G7 Series). Warranties are 2 years on strobe power supply & 6 months on strobe flash tube.
- Super-LED (GB Series), two Super-LED beacons & full size diamond mirror with 14 Scan-Lock™ flash patterns and 100,000 hours rated life, with 5 year warranty.
- Size: 5-7/8” (150mm) H x 17-5/16” (440mm) W x 7” (178mm) D.

G1 Series: Two 135 RPM rotators and full size diamond mirror
G1M*: magnetic mount
G1P*: permanent mount
G1V*: magnetic suction mount

G2 Series: Two high speed 175 RPM rotators and full size diamond mirror
G2M*: magnetic mount
G2P*: permanent mount
G2V*: magnetic suction mount

G5 Series: Two 2022 strobe beacons and full size diamond mirror
G5M*: magnetic mount, color outer dome
G5P*: permanent mount, color outer dome
G5V*: magnetic suction mount, color outer dome
G5MC*: magnetic mount, clear outer dome, color inner domes
G5PC*: permanent mount, clear outer dome, color inner domes
G5VC*: magnetic suction mount, clear outer dome, color inner domes

G7 Series: Two remote strobes, built-in 40 watt power supply and half-size diamond mirror
G7M*: magnetic mount, color outer dome
G7P*: permanent mount, color outer dome
G7V*: magnetic suction mount, color outer dome
G7MC*: magnetic mount, clear outer dome, color inner domes
G7PC*: permanent mount, clear outer dome, color inner domes
G7VC*: magnetic suction mount, clear outer dome, color inner domes

G8 Series: Two Super-LED beacons, full size diamond mirror. For all models with clear inner and outer domes, the color is created by the LED color.
G8M*: magnetic mount, color outer dome
G8P*: permanent mount, color outer dome
G8V*: magnetic suction mount, color outer dome
G8MC*: magnetic mount, clear outer dome
G8PC*: permanent mount, clear outer dome
G8VC*: magnetic suction mount, clear outer dome

 OPTIONS
- Color filter kit for G1 and G2 Series only, customer installed.
- 90 lb. magnetic mount kit with cigar plug.

WARNING: The use of any magnetic and/or magnetic suction mounted light on the outside of a moving vehicle is not recommended and is at the sole risk of the user.

*LIGHTBAR WIZARD” PROGRAM is available on disk or at our website: www.whelen.com
The evolution of CenCom, the siren and light control system for emergency and law enforcement professionals advances with CenCom Gold. When technology takes a step up, so do the engineers at Whelen Engineering Company! CenCom Gold provides the road-tested performance of the original CenCom and adds the features you’ve been looking for.

CenCom™ GOLD, REMOTE SIREN & CONTROL CENTERS

Configuration programming is easier than ever with “drag and drop” feature and more flexibility to configure lights, traffic arrows and siren function controls to your specific needs. The single Amplifier/relay Module (A.R.M.) provides ease of access to fuses and connectors without removing the cover. Heavy-duty, two-position Molex® power connector is designed to handle rough treatment without damage or accidental disengagement. Easily programmable control head includes a four-position slide switch (one 40-amp and two 20-amp outputs) and eighteen programmable backlighted push buttons with bright LED On/Off indicators.

- Control your lights, traffic arrow and siren functions from a single keypad.
- Two models to choose from for compatibility with Traffic Advisors™ that do and do not require external controls.
- Easy to operate including true “Hands-Free” On/Off light and siren operation.
- Operates one or two 100-watt speakers.
- Two models to choose from for compatibility with Traffic Advisors™.
- Easy to configure using Windows® XP application program (included).
- Configured programs may be extracted, stored and modified for ease of service and reuse.
- Meets or exceeds all applicable SAE, California Title XIII and NFPA requirements with various Whelen speakers.
- A USB port in the A.R.M. provides easy access for programming. (Control head need not be connected for programming).
- A single combination A.R.M. provides ease of access to fuses and connectors without removing the cover.
- Bright red LED indicators are clearly visible, even in bright sun.
- On/Off, momentary, eight-second timer and security double-tap eight-second timer can be programmed through seven switches individually.
- Control panel can be easily surface mounted via Velcro® or U-bracket, standard. Semi-flush mounting trim plate is optional.
- Bright backlighted push buttons include 136 standard function labels to choose from.
- State-of-the-art membrane switches provide tactile feedback of activation and are equipped with a solid rubber overlay for moisture resistance.
- Twenty foot power and input/output cabling with connectors, standard.
- Two-year warranty on the system, five-year warranty on amplifier.
- The unidirectional microphone with plug-in connector is standard. Optional 20’ microphone extension cable.
- Single 8-conductor, 22-gauge cable connects the control head to the A.R.M. and provides heavy-duty service unlike lightweight telephone style cables.
- Size: Control Head: 3-1/2” (89mm) H x 6-7/8” (174mm) W x 1-5/16” (33mm) D. Amplifier: 3” (78mm) H x 8-1/4” (210mm) W x 6-3/4” (171mm) D.

CCSRN2: Control head with A.R.M., microphone and a 20’ power input/output cable. Includes upgraded switching and programming for more customization and operates Whelen 2-wire Traffic Advisors that do not require external controls.

CCSRNTA2: Same as above, but interfaces with Traffic Advisors which do require external control (full Traffic Advisor harness).
295 Series Siren Amplifiers

Keep both hands on the wheel, both eyes on the road, and you're still in full control of emergency warning with Whelen Electronic Sirens.

In “Hands-Free” mode, a 295HF and 295HFS Series siren will be in “standby” mode awaiting instructions. You can turn the siren on, activate Wail, Yelp or Piercer tones and turn the unit off from the horn ring. No more eyes off the road while fumbling for the siren controls with one hand. Model 295HF Series amplifiers are microprocessor controlled and rated for 100 or 200 watt output, with the exception of 295HF100, rated @ 100 watts. Standard features include Radio Rebroadcast, Public Address, Manual, Wail, Yelp, Airhorn, and Piercer tones. PTT (Push To Talk) switch on unidirectional microphone over-rides all siren functions. Contemporary styling complements most Whelen power controls and Traffic Advisor™ control consoles for proper aesthetic stacking. An adjustable bail bracket allows mounting in a variety of positions. Each model is mounted on a slide out chassis with an integral quick disconnect plug for ease of maintenance or replacement. In 295HFS models, SI TEST® provides a significant risk management advantage. Two different real time diagnostic tests include: Continuous dynamic testing during normal siren operations and a unique silent test while in the “Radio” mode with the “Manual” button depressed. During either operation, one or both red LED lamps will extinguish instantly upon sensing a siren or speaker(s) malfunction. SI TEST instantly assures you of proper warning capability and two speaker operation for high risk situations. It also eliminates the need for annoying siren “blasts” during vehicle inspections or shift changes. Only Whelen offers this “silent” testing, day or night.

- Siren 295HFS Series features six functions, plus radio repeat and public address.
- Combination on/off and horn ring transfer switch.
- Adjustable microphone and radio repeat volume controls.
- 295HFSAS6 has “Park-Kill” plus a time-out relay for shotgun lock, truck lock, etc.
- Adjustable intensity backlighting in soft LED non-glare green, bulb used on 295SL100.
- Solid-state over/under voltage shutdown and output short circuit protection.
- Input polarity protection.
- External spade-type fuse.
- Adjustable bail bracket allows mounting of unit in a variety of positions.
- Activate siren tones via “Aux. Enable” input (slide switch, power controls, or relay-to-ground connection).
- Meets/exceeds Class A requirements of SAE, AMECA, K/K1822 and California Title 13 requirements.

Electronic Siren Amplifier

Model 295HFS1:
- Park-Kill feature.
- Selectable 100 or 200 watt output, standard.
- 5 year warranty on amplifier.

Model 295HFS2:
- Rush mount control head.
- Interconnection between control head and remote amplifier is via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS2X: Same as above but with dual amplifiers, meets California Title 13 requirements.

Option

Model 295HFSDA: Second amplifier kit for dual siren amplifier use.

Electronic Remote Siren Amplifier

Model 295HFS3:
- Surface or under-dash control head.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS4:
- Surface or under-dash mount.
- Directly compatible with Whelen “LC” Low Current series lightbars.
- Compatible with other lightbars and warning devices via a solid-state switching module or relays.
- Four position slide switch, five push-on/ push-off switches & one momentary switch.
- Slide switch controls three separate primary warning light functions and can be wired to turn on siren in “full pursuit” mode.
- Push-button switches control secondary functions. Each slide switch position and push button switch has a colored LED for operating status display.
- Choice of 36 press-on legend tabs.
- SI TEST®, silent self-diagnostic test.
- Interconnection between control head and remote amplifier is via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFSDA: Second amplifier kit for dual siren amplifier use.

Electronic Remote Siren Amplifier

Model 295HFS5:
- Surface or under-dash control head.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS6:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS7:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS8:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS9:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS10:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS11:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS12:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS13:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS14:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS15:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS16:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS17:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.

Model 295HFS18:
- Surface or under-dash mount.
- Interconnection between control head and remote amplifier via three small, #18 gauge wires. All other connections are to the remote amplifier 12-pin plug.
- 5 year warranty on amplifier.
ELECTRONIC SIRENS
WITH 9-SWITCH LIGHT CONTROL

- Park-Kill feature disables the siren tone when the vehicle is in park.
- Selectable 100 or 200 watt output.
- Four position slide switch and five push-on/push-off switches and one momentary switch.
- Push-button switches control secondary functions.
- Each slide switch position has a different colored LED "On" indicator.
- Push button switches have a green/red LED indicator for operating status display.
- Choice of 36 press-on legend tabs.
- 5 year warranty on amplifier.
- Model 295HFSA5 features low current switching: a four-position, three function slide switch which controls three separate primary warning light functions and can be wired to turn on siren in "full pursuit" mode, plus five push-on/push-off switches and a programmable switch with four choices: momentary, 8 second timer, latch-on/latch-off or flasher mode.
- Model 295HFSA6 has the same switch configuration but the slide switch and push buttons control nine internal high current solid-state drivers. Each of the six push buttons activate one 10 amp output. Slide switch activates a 20 amp circuit, and can be wired, via a dipswitch to control a three position program pattern. The sixth position push button may be dipswitch set for momentary, 8 second timer, latch-on/latch-off, or flasher modes. Most high current applications such as strobe power supplies, headlight and brakelight flashers can be controlled by the 295HFSA6.
- Size: 3-5/16" (84mm) H x 6" (152mm) W x 8-3/8" (213mm) D.

MODEL 295HFSA5:
Low current switching.

MODEL 295HFSA6:
Standard current switching.

MODEL 295HFSM5:
Same as 295HFSA5 but with electronic mechanical siren tone in place of Piercer tone.

REMOTE DUAL ELECTRONIC SIRENS

- Meets SAEJ1849 and CA Title XIII specifications.
- Operates in dual or mono modes.
- Two 100-watt speakers.
- Outputs two independent siren tones creating rich harmonic dual tone sound.
- External dipswitch selects modes of operation.
- PTT (Push To Talk) switch on microphone overrides all siren functions.
- Removable unidirectional microphone.
- Input polarity protection, output short circuit protection.
- Size: 3-5/16" (84mm) H x 6" (152mm) W x 8-3/8" (213mm) D.

MODEL 295HFSA7:
Flush mount control head

MODEL 295HFSA8:
Surface mount control head

MODEL 295HFSC9
- Self-contained 200 watt dual amplifier siren, with removable microphone.
- Choice of mono or stereo sound via switch.
- Full function siren similar to Whelen's 295HFSA1 siren amplifier.
- Dip switch programmable for custom siren tones.
- Includes Hands-Free operation, and radio repeat.

100 WATT ELECTRONIC SIREN
MODELS 295SL100 & 295SL101

- Economically priced full function siren, plus radio repeat and public address.
- Operates up to two 100 watt speakers.
- Includes Hands-Free operation and Scan-Lock™ siren tones.
- Self-contained unit for under-dash mounting.
- Backward compatible to the original 295HF100 and WS2100 Series.
- 2 year warranty.
- Size: 2-1/2" (64mm) H x 6" (152mm) W x 5-1/2" (138mm) D.

MODEL 295SL100:
12 VDC, hard wired microphone standard.

MODEL 295SL101:
12 VDC, removable microphone with a volume control knob.
Economical and waterproof sirens are perfect for volunteer fire personnel, security, escort, undercover vehicles, motorcycles and marine use.

**Siren Amplifiers**

**PAH112 and PAP112**
- Delivers 100 watts to a 100 watt siren speaker (purchased separately).
- Housing mounts in trunk, under the seat or other remote location.

**PAH112**
- Power Airhorn 100 watt amplifier (electronic amplifier only), 12.8 VDC.
  - Size: 2-1/2" (64mm) H x 5-7/8" (149mm) W x 6-3/4" (171mm) D.

**PAP112**
- Power Airhorn plus 100 watt amplifier with public address and microphone, 12.8 VDC.
  - Size: 2-1/2" (64mm) H x 5-7/8" (149mm) W x 6-3/4" (171mm) D.

**PAPEXT15**
- Optional 15’ extension cable for PAP112 microphone.

**PAPEXT15**
- Optional 15’ extension cable for PAP112 microphone.

**WPA SERIES**
- Water-resistant 100 watt siren amplifier and control heads for motorcycle and marine use.
- Four-tone siren plus Public Address and Radio Repeat.
- Hands-Free operation. WPA Series amplifiers work with WPA Series control heads or customer supplied controls.
- Fully encapsulated, control heads feature sealed toggle and rotary switches and removable noise cancelling microphone.

**WPA112**
- 100 watt, 12 VDC, remote amplifier. Weathertight, extruded aluminum housing for rugged environment.
  - Size: 2-7/8” (73mm) H x 3-1/2” (89mm) W x 7-7/8” (200mm) D.

**WPA1**
- Control Head with three position toggle switch enables control for siren only functions or combined light and siren operation.
  - Includes handlebar mounting bracket, 7-1/2’ cable and connectors.
  - Size: 1-3/4” (44mm) H x 4-1/4” (108mm) W x 2” (51mm) D.

**WPA2**
- Control Head with flush mounting bracket, 20’ cable and connectors.
  - Size: Cutout: 1-3/4” (44mm) H x 4-1/4” (108mm) W. Bracket: 2-1/2” (64mm) H x 5-1/4” (133mm) W. Protrusion: 3/4” (19mm). Recess: 4-1/4” (108mm).
Speakers

100 watt high efficiency speakers for underhood, bumper and lightbars cover you with high impact sound at all levels. 3 year warranty on speaker drivers.

SA340TS
100 watt high efficiency RMS plastic rectangular speaker horn.
Size: 5" (127mm) H x 8" (203mm) W x 7" (178mm) D.

SA340STS
Compact, round aluminum speaker horn. 100 watt, high efficiency driver.
Size: 5-5/8" (143mm) H x 5-5/8" (143mm) W x 6-13/16" (173mm) D.

SP123C
Designed for use with Centurion™ Series lightbars. 100 watt speaker is center mounted.

SA40/S41
Low profile, heavy-duty structural polycarbonate housing and field replaceable 100 watt RMS speaker driver. Easily retrofits to Edge® 9M Series lightbars.
SA40: Lo-Pro™ speaker
SA41: Lo-Pro speaker kit for customer supplied driver.

PROJECT A-FLEX®
Designed for underhood applications. Flexible 60" acoustical tube allows the speaker driver to be mounted virtually any distance from the horn. With 100 watt RMS driver and mounting kit or available as kit for customer-supplied 100 watt driver.

Switch Control Centers

Heavy-duty control centers provide reliable switching control for all types of emergency lighting including lightbars, flashers, power supplies and beacons. Available with or without relays or high current drivers.

PCCS9NP
Size: 2" (51mm) H x 6-1/8" (156mm) W x 3-5/8" (92mm) D.

PCCS9R
Connects to most rotating and strobe lightbars without separately mounted relay or relay boxes. Low profile, all extruded aluminum housings. Nine switch functions with programmable slide lever for three primary warning controls. LED "On" indicator. Six push button switches for secondary functions (5 On/Off and 1 momentary). Back-lighted legend windows, 72 standard press-on legend tabs included. Adjustable bail bracket.
Size: 2" (51mm) H x 6-1/8" (156mm) W x 7-1/8" (182mm) D.

PCCHD1
Six heavy-duty 25 amp SPST circuit breaker switches. LED On/Off indicators, back-lighted legends, 72 legend tabs virtually included.
Size: 2-3/8" (60mm) H x 6" (152mm) W x 5-3/8" (137mm) D.

PCCHD2: Replaces first switch of the PCCHD1 with a 40 amp circuit for use as master switch or high current applications.

PCCHD2: Replaces first switch of the PCCHD1 with a 40 amp circuit for use as master switch or high current applications.

SweepControlCenters-15.jpg

PCCHD and PC10
Six or ten lighted SPST switches rated 20 amps peak. Back-lighted legend tabs, 72 standard legend tabs included. Installation is easy with a rear mounted "captive" terminal block.
Size: 2-1/2" (64mm) H x 6" (152mm) W x 4-3/4" (121mm) D.
PC60R: Six switches; three 40 amp switch, five 20 amp switches.
PC10: Ten 20 amp switches.

PC1S-4S

PCSS: four switch center with four 10 amp switches.
PC5: three switch center with three 10 amp switches.
PC4: two switch center with two 10 amp switches.
PC3: one switch center with one 10 amp switch.

PCCS: ten switch center with ten 10 amp switches.
PC9: nine switch center with nine 10 amp switches.
PC8: eight switch center with eight 10 amp switches.
PC7: seven switch center with seven 10 amp switches.
PC6: six switch center with six 10 amp switches.
PC5: five switch center with five 10 amp switches.
PC4: four switch center with four 10 amp switches.
PC3: three switch center with three 10 amp switches.
PC2: two switch center with two 10 amp switches.
PC1: one switch center with one 10 amp switch.

PC-1: Single pole, single throw, illuminated On/Off.
PC-2: Single pole, single throw, momentary On.
PC-3: Single pole, double throw, illuminated, On/Off/On.
PC-4: Single pole, double throw, On/Off.
PC-5: Double pole, double throw, On/Off/On.
PCSS: Double pole, double throw, for strobe, Hi/Off/Low.

SA314P

Projector™ Series high performance, multi-port 100 watt speaker puts high performance traffic clearing warning sound where it counts: down and in front of your vehicle. Property installed away from your vehicle’s interior, this speaker complies with OSHA 1910.95 guidelines regarding "Permissible Noise Exposure.” Narrow, non-corrosive aluminum or nylon composite housing provides ease of mounting. Installs to vehicle's cross member in minutes. All models exceed CA Title XIII, Class A and SAE J1849 requirements. Available in cast aluminum natural finish, black epoxy coated finish or black nylon/composite. Options include universal mounting bracket or brackets for Ford Crown Victoria, Explorer and Excursion; Chevy models Impala, Suburban, Tahoe, Blazer and Avalanche plus Dodge Intrepid and BMW motorcycle. Refer to current price list for details.
Size: 6-3/16" (156mm) H x 6-7/16" (163mm) W x 3-1/2" (80mm) D.
SA314A: Natural cast aluminum housing.
SA314B: Aluminum, black epoxy coated.
SA314P: Black nylon/composite.
Whelen Engineering Co., Inc. designs and manufactures audible and visual signaling products that are used for automotive warning, public and industrial warning and general aviation. Using the latest technology, Whelen leads the industry in optics, acoustics, electronics and microprocessor technology. Our products are designed to provide maximum warning protection for the vehicle, its occupants and the public.