LIGHTHEADS

WHELEN®

NASCAR
Officially Licensed

The NEW direction....
in Directional Lightheads!

Designed & manufactured in the U.S.A.

M Series Super-LED® Lightheads

The only patented Linear-LED® lightheads designed to stand up to the harsh environments and standards of the industry while providing top of the line performance!

Unique lens shape is completely illuminated with patented Linear-LED® designed reflector assembly. Super-LEDs provide unmatched high intensity warning, low current consumption. Surface mounted via two screws allows for faster and easier installation. Lens and reflector are a sealed assembly. Lighthead is designed with the mounting screws located outside of the sealed lens/reflector assembly eliminating water infiltration. Replaceable light engine is accessed from the rear of the lens/reflector assembly. Rear gasket insures that the lighthead and optional flange does not make contact with the vehicle's surface. Multiple Scan-Lock™ flash patterns available. All M Series lightheads with built-in flashers are synchronizable. Choose from Solid, Left/Right, Top/Bottom, In/Out, or Diagonal sequencing. Meets KKK 1822F, NFPA 1901, SAE and EC65 specifications.
Includes California Title XIII compliant flash patterns. Hard coated lens resists scratches, chemical and UV damage. Mounting options are purchased separately.

M Series lightheads are shown with optional chrome flange.

A (Lower-R) **B** (A/B/W) **C** (R/A/B)

NEW M4 Series
129 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Steady-burn models require remote flasher.
Size: 3-3/8" (86mm) H x 5-1/2" (138mm) W x 1-3/8" (35mm) D.
M4 Models
M4* .... Color lens.
M4*C .... Clear lens.
M4S* .... Remote flasher required, color lens.
M4S*C .... Remote flasher required, clear lens.

A (Upper-R/W, Lower-R) **B** (R/A/B) **C** (R/A/B)

NEW M7 Series
164 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Steady-burn models require remote flasher.
Size: 3-3/8" (86mm) H x 7-5/8" (194mm) W x 1-3/8" (35mm) D.
M7 Models
M7* .... Color lens.
M7*C .... Clear lens.
M7S* .... Remote flasher required, color lens.
M7S*C .... Remote flasher required, clear lens.
.

A (Upper-R/A/W) (Lower-R) **B** (R/B) **C** (R/A/B)

NEW M9 Series
164 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Steady-burn models require remote flasher.
Size: 6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D.
M9 Models
M9* .... Color lens.
M9*C .... Clear lens.
M96S* .... Remote flasher required, color lens.
M9S*C .... Remote flasher required, clear lens.
.

Replace symbol* in model number with letter indicating lens color:
A=Amber, **B**=Blue, **C**=Clear/White, **R**=Red.

A (Upper-R/W) (Lower) **B** (R/B) **C** (R/A/B)

NEW M6 Series
164 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Steady-burn models require remote flasher.
Size: 4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D.
M6 Models
M6* .... Color lens.
M6*C .... Clear lens.
M6S* .... Remote flasher required, color lens.
M6S*C .... Remote flasher required, clear lens.

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

Designed & manufactured in the U.S.A.

Linear Super-LED® lightheads are ultra bright with very low amp draw. Most are available with or without an internal flasher except the 500 Series. Models without internal flasher require a remote LED flasher, purchased separately.

LED lightheads are designed for heavy-duty performance, vibration, moisture, and corrosion resistance. Optics and reflectors provide greater light dispersion and off angle protection. They draw minimal current, and are rated for 100,000 hours operation. Five year HDP® Heavy-Duty Professional warranty. Furnished with 6" wire pigtail. Mounting options are purchased separately.

A(LOWER ONLY R) **B**(B/R) **C** **D**(CLASS 1 A/B/W/R)

LIN3™
Tiny highly effective Super-LED® encapsulated surface mount module available in horizontal or vertical mount which comes standard with a single black ABS flange. Perfect for mounting wherever high intensity, warning is required. Available with 25 Scan-Lock™ flash patterns each with Phase 1 and Phase 2, (for simultaneous or alternating flashing lights) including steady-burn and synchronize wire. Four safety colors, red, blue, amber or white.
Size: 1-1/8" (28mm) H x 3-5/8" (91mm) W x 1-1/4" (32mm) D.
LIN3 Models
RS*02ZCR....Horizontal mount.

A(R LOWER) **B**(R) **C** **D**(R) **W**

500 Series
Linear Super-LED has SmartLED design with 25 flash patterns with Phase 1 and Phase 2 and synchronize feature with steady-burn. Requires optional mounting for surface mount applications, purchased separately. Split models available. The 500 Series offers a wide variety of mounting options.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Models
50*02Z*R..SmartLED, horizontal mount, 25 flash patterns.
5V*02Z*R..SmartLED, vertical mount, 25 flash patterns.

A B C D W

700 Series
Mid-sized, surface mount Linear Super-LED lighthead available in SmartLED design or without an internal flasher. Flasher version has 14 Scan-Lock™ flash patterns plus steady-burn mode and Hi/Low. Split models available.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Models
70*02S*R..Super-LED requires remote LED flasher.
70*02F*R..SmartLED with 14 flash patterns and Hi/Low power.

A(LOWER ONLY R) **B**(B/R) **C** **D**(CLASS 1 A/B/W/R) **W**

NEW LINZ6™
6 Super-LED diodes, with 69 Scan-Lock flash patterns, allows for alternate or simultaneous flash of each segment (3x3). Includes steady-burn. Available in red, blue, amber or white. Includes black flange.
Size: 2" (28mm) H x 4" (102mm) W x 1-5/8" (40mm) D.
LINZ6 Model
LINZ6*.....Horizontal mount.

Dual level
A(UPPER R/A/W LOWER R) **C** **W**

Single level
A(LOWER ONLY R)

400 Series
Linear Super-LED lighthead available with or without an internal flasher. Single level is surface mount and has SmartLED® design and 25 flash patterns with Phase 1 and Phase 2, steady-burn synchronize. Dual level requires a remote LED flasher and mounting option, purchased separately.
Size: 3-3/16" (77mm) H x 4-15/16" (124mm) W.
400 Models
40**5SCR..Dual level, requires remote LED flasher.
40*02Z*R..Single level, SmartLED, 25 flash patterns.
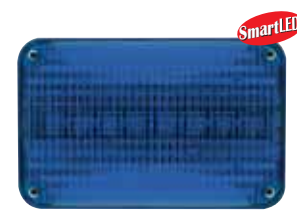
A B C D W

600 Series
Mid-sized, surface mount linear Super-LED lighthead available in SmartLED design or without an internal flasher. Flasher version has 14 Scan-Lock flash patterns plus steady-burn mode and Hi/Low. Split models available.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Models
60*02S*R..Requires remote LED flasher.
60*02F*R...SmartLED with 14 flash patterns and Hi/Low power.

A B C W

900 Series
Largest surface mount dual level Linear Super-LED lighthead in the series. Available in SmartLED design with or without an internal flasher. SmartLED flasher version has 14 Scan-Lock flash patterns plus steady-burn mode and Hi/Low power. Split models available.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Models
90**5S*R..Requires remote LED flasher.
90**5F*R..SmartLED with 14 flash patterns and Hi/Low power.

Replace symbol* in model with letter indicating LED color and outer lens color:
A=Amber, **B**=Blue, **C**=White or **R**=Red

WHELEN®

SPLIT LED WARNING

Now you can have all the rugged performance of a LED and Super-LED® lightheads with split LED colors. These surface mount lightheads include SmartLED® design which requires no external flasher and includes Scan-Lock™ flash patterns, including steady-burn. Vibration, moisture and corrosion resistant, draw minimal current and are rated for 100,000 hours of operation. Five year HDP® Heavy-Duty Professional warranty. Mounting options are purchased separately.

HEAVY DUTY HDP™ PROFESSIONAL

SmartLED

A (Lower-R)
B (R)
C (R,W,B,A)

NEW LINZ6™ Series
Split Super-LED® colors side by side and clear outer lens. 69 Scan-Lock flash patterns plus steady-burn. Horizontal mount. Size: 1-1/4" (32mm) H x 4-3/8" (111mm) W x 1-1/4" (32mm) D.
LINZ6 Models
LINZ6D....... Split red/white.
LINZ6J .... Split red/blue.
LINZ6K....... Split red/amber.

SmartLED

No tests to date

NEW M4 Series
129 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Size: 3-3/8" (86mm) H x 5-1/2" (138mm) W x 1-3/8" (35mm) D.
M4 Models
M4D .... Split red/white.
M4J............ Split red/blue.
M4K .... Split red/amber.

SmartLED

A (Lower-R)   B (R,R/B)   C (R/A,R/B,R/W)

NEW M6 Series
164 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Size: 4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D.
M6 Models
M6D .... Split red/white.
M6J............ Split red/blue.
M6K .... Split red/amber.

SmartLED

A (Lower-R)   B (R/W,R/B,R/A)   C (R,R/B,R/A)

NEW M7 Series
164 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Size: 3-3/8" (86mm) H x 7-5/8" (194mm) W x 1-3/8" (35mm) D.
M7 Models
M7D .... Split red/white.
M7J............ Split red/blue.
M7K .... Split red/amber.

SmartLED

A (R,Upper-R)   B (R,R/B)   C (R/W,R/B,RA)

NEW M9 Series
164 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating/simultaneous flashing and steady-burn. Many flash patterns are California Title XIII compliant. Size: 6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D.
M9 Models
M9D .... Split red/white.
M9J............ Split red/blue.
M9K .... Split red/amber.

SmartLED
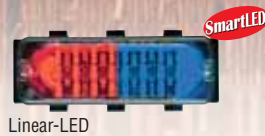
Linear-LED

SmartLED

TIR6

500 Series
TIR6™ and LIN6™ Split Super-LED colors side by side and clear outer lens. 69 Scan-Lock flash patterns plus steady-burn. Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 TIR6 Models
50AA3ZCR.. Amber/amber.
50AB3ZCR.. Amber/blue.
50AC3ZCR.. Amber/white.
50RA3ZCR.. Amber/red.
50BB3ZCR.. Blue/blue.
50BC3ZCR.. Blue/white.
50RB3ZCR.. Blue/red.
50CC3ZCR.. White/white.
50CR3ZCR.. White/red.
50RR3ZCR.. Red/red.

500 Linear Horizontal Mount
50AA2ZCR.. Amber/amber.
50AB2ZCR.. Amber/blue.
50AC2ZCR.. Amber/white.
50AR2ZCR.. Amber/red.
50BB2ZCR.. Blue/blue.
50BC2ZCR.. Blue/white.
50RB2ZCR.. Blue/red.
50CC2ZCR.. White/white.
50CR2ZCR.. White/red.
50RR2ZCR.. Red/red.

500 Linear Vertical Mount
5VAA2ZCR.. Amber/amber.
5VAB2ZCR.. Amber/blue.
5VAC2ZCR.. Amber/white.
5VAR2ZCR . Amber/red.
5VBB2ZCR.. Blue/blue.
5VBC2ZCR.. Blue/white.
5VRB2ZCR . Blue/red.
5VCC2ZCR.. White/white.
5VCR2ZCR . White/red.
5VRR2ZCR.. Red/red.

SmartLED

W

600 Series Linear-LED
Split Super-LED colors side by side and clear outer lens. Independent On/Off control of each side, 20 Scan-Lock flash patterns. Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Models
60RA6FCR .. Red/amber.
60BR6FCR .. Red/blue.
60RC6FCR .. Red/white.

SmartLED

W

700 Series Linear-LED
Split Super-LED colors side by side with clear outer lens. 20 Scan-Lock flash patterns, as well as independent On/Off control of each side. Size 3-3/16" (78mm) H x 7-1/4" (184mm) W.
700 Models
70RA6FCR .. Red/amber.
70BR6FCR .. Red/blue.
70RC6FCR .. Red/white.

SmartLED

W

900 Series Linear-LED
Largest directional Super-LED in the series with over and under Linear-LED colors and clear outer lens. 14 Scan-Lock flash patterns plus steady-burn. This is the only lighthead in the series with independent pattern plus On/Off control of each level and Hi/Low power. Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Models
90RA5FCR .. Red/amber.
90RB5FCR .. Red/blue.
90RC5FCR .. Red/white.

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

TIR SUPER-LED® WARNING

Designed & manufactured in the U.S.A.

TIR Super-LED® lightheads are ultra bright with very low amp draw and feature SmartLED® design which requires no external flasher. LED lightheads are designed for heavy-duty performance, vibration, moisture and corrosion resistance. TIR optics and reflectors create intense directional light output. They draw minimal current, and are rated for 100,000 hours of operation. Five year HDP® Heavy-Duty Professional warranty. Furnished with 6" wire pigtail. Mounting options are purchased separately.
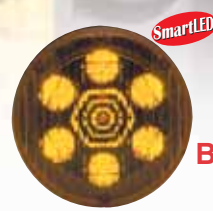
TIR3 Horizontal Mount

SmartLED

B(R)
C(A)
D
W(CLASS1 B/W)

TIR3 Vertical Mount

TIR3™

Tiny highly effective Super-LED® encapsulated surface mount module available in horizontal or vertical mount which comes standard with a single black ABS flange. Perfect for mounting wherever high intensity, warning is required. Available with 25 Scan-Lock™ flash patterns each with Phase 1 and Phase 2, (for simultaneous or alternating flashing lights) including steady-burn and synchronize wire. Four safety colors, red, blue, amber or white.
Size: 1-1/8" (28mm) H x 3-5/8" (91mm) W x 1-1/4" (32mm) D.
TIR3 Models
RS*03ZCR.....TIR3, horizontal mount.
RV*03ZCR....TIR3, vertical mount.

SmartLED

B

Flat Lens

SmartLED

B
C
D

Extended Lens

TIR6™ 4" Round Series

Heavy-duty 4" round lighthead in surface mount with adapter for 4-1/2" applications. Available in flat or extended lens with 25 Scan-Lock flash patterns each with Phase 1 and Phase 2 and steady-burn with synchronize feature (for simultaneous or alternating flashing lights). Four safety colors, red, blue, amber or white.
Size: 4-1/4" (108mm) Dia.
Extended lens depth: 2" (51mm).
Flat lens depth: 1-3/16" (30mm).
TIR6 4" Round Models
2F*00Z*R...Flat lens.
2E*00Z*R...Extended lens.

SmartLED

C
D
W

500 Series TIR6

TIR6 Super-LED requires optional mounting for surface mount applications. 25 Scan-Lock flash patterns with Phase 1 and Phase 2 for alternating and simultaneous flashing for up to eight lightheads which include steady-burn and synchronize wire. Split models are available. The 500 Series offers a wide variety of mounting options. Four safety colors, red, blue, amber or white.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Model
50*03Z*R .. TIR6 Super-LED.

Replace symbol* in model with letter indicating LED color and outer lens color:
A=Amber, **B**=Blue, **C**=White or **R**=Red

HDP HEAVY DUTY PROFESSIONAL™

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

LED WARNING

Designed & manufactured in the U.S.A.

LEDs are encapsulated and include SmartLED® design which requires no external flasher and includes 14 Scan-Lock™ flash patterns, including steady-burn. Surface mount lightheads requires no mounting option or cut-outs. LED lightheads are designed for heavy-duty performance, vibration, moisture and corrosion resistance. They draw minimal current, and are rated for 100,000 of hours of operation. Five year HDP® Heavy-Duty Professional warranty. Furnished with 6" wire pigtail. Mounting options are purchased separately.

B(R)
C
D(R/A)

4" Round Series
Heavy-duty 4" round lighthead with 14 Scan-Lock flash patterns. Requires optional mounting.
Size: 4-1/4" (108mm) Dia.
4" Round Model
20*00F*R .. LED.

A
B
C
W

400 Series
Surface mount lighthead with wide angle lens optics and 14 Scan-Lock flash patterns plus steady-burn.
Size: 3-3/16" (77mm) H x 4-15/16" (124mm) W.
400 Model
40*00F*R...LED.

A B(R) **C W**

700 Series
Surface mount 700 Series with 14 Scan-Lock flash patterns, plus steady-burn.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Model
70*00F*R...LED.

C

0S Series
Small oval single flash pattern or steady-burn. Steady-burn requires an external flasher. LED light with chrome housing and clear lens and is available in red, blue, white or amber LEDs.
Size: 1" (25mm) H x 1-1/2" (38mm) L x 1/2" (13mm) D.
0S Models
0S*00FCR... LED, 1 flash pattern.
0S*00SCR... Steady-burn.

D(CLASS 1)
C(CLASS 2)

D

2G, (4" Round) and 5G Oval Series
SAE J845 Class 1 Certified warning light that fits all applicable industry mounting accessories. High intensity LED design offers superior wide-angle visibility with fully encapsulated electronics. Lamp includes 12" integral wires. SmartLED® design features 15 Scan-Lock flash patterns. Vinyl mounting grommet is included. Five year HDP Heavy-Duty Professional warranty.
Size: 2G including grommet: 5-1/2" (140mm) Dia.
5G including grommet: 3-3/16" (81mm) H x 7-7/16" (189mm) W.
2G Models
2GA00FAR....Amber LEDs, amber lens.
2GA00FCR...Amber LEDs, clear lens.
2GR00FCR...Red LEDs, clear lens.
2GR00FRR..Red LEDs, red lens.

5G Models
5GA00FAR... Amber LEDs, amber lens.
5GA00FCR...Amber LEDs, clear lens.
5GR00FCR...Red LEDs, clear lens.
5GR00FRR..Red LEDs, red lens.

W

Flange Mount

W

Surface Mount

500 Series
Available in surface mount and flange mount that requires optional mounting. The 500 Series with 14 Scan-Lock flash patterns plus steady-burn. Wide variety of mounting options.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Models
5S*00F*R .. LED, surface mount.
50*00F*R .. LED, requires optional mounting.

A
B
C
W

900 Series
The largest surface mount directional lighthead in the series. Includes 14 Scan-Lock flash patterns, plus steady-burn.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
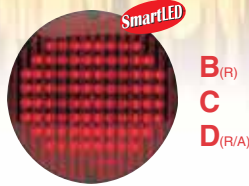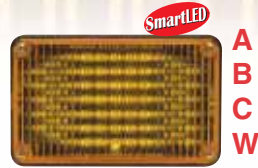**900 Model**
90*00F*R .. LED.

2" Round Series
Includes 2.5" adapter for customer supplied 2.5" grommet, 3" and 3.5" flange mount One flash pattern, plus steady-burn, available in red or amber.
Size: 4-1/4" (108mm) Dia.
2" Round Model
T0*00F*R .. LED, 1 flash pattern.

A
B
C
W

600 Series
Mid-sized surface mount directional lighthead with 14 Scan-Lock flash patterns plus steady-burn.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Model
60*00F*R .. LED.

Strip-Lite™ Series
A compact warning light that is surface mounted and small sized making it ideal for areas on your vehicle where effective warning was not possible before. Includes 14 Scan-Lock flash patterns, plus steady-burn.
Size: 1-3/8" (35mm) H x 11-1/2" (292mm) W.
Strip-Lite Model
PS*00F*R...LED.

Replace symbol* in model with letter indicating LED color and outer lens color:
A=Amber, **B**=Blue, **C**=White or **R**=Red

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

HALOGEN WARNING

Halogen warning is offered in a range of sizes to fit every application. Contoured lenses with redesigned spreader optics improve light output. New redesigned gasket material assures greater moisture resistance. Snap-in halogen bulb. Mounting options are purchased separately.

D

500 Series
Small size with 35 watt snap-in halogen lamp fits anywhere on the vehicle with a wide variety of mounting options.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Model
50K000*R..Halogen.

A B C W

700 Series
Rectangular lighthead with 60 watt snap-in halogen lamp offers a wide variety of mounting options.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Models
70F000*R .. Halogen.
70F000#R .. Halogen, split lens.

A B C W

900 Series
The largest directional lighthead in the series with a 60 watt snap-in halogen lamp.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Models
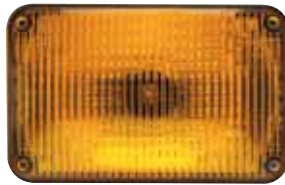90F000*R .. Halogen.
90F000#R .. Halogen, split lens.

A B C

400 Series
A 27 watt snap-in halogen lamp lighthead in a versatile size ideal for bumper, step or grille mounting.
Size: 3-3/16" (77mm) H x 4-15/16" (124mm) W.
400 Models
40J000*R .. Halogen.
40J000#R ..Halogen, split lens.

A B C W

600 Series
Mid-sized directional, 60 watt snap-in halogen lamp. This series offers a wide variety of mounting options.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Models
60F000*R .. Halogen.
60F000#R .. Halogen, split lens.

Replace symbol* in model with letter indicating lens color:
A=Amber, **B**=Blue, **C**=Clear, **R**=Red, **G**=Green.

Replace symbol # with letter indicating split lens color desired:
|	
D = Red/Clear	**E** = Blue/Clear,
F = Amber/Clear	**H** = Green/Clear,
J = Red/Blue	**K** = Red/Amber,
L = Red/Green	**M** = Blue/Amber

NOTE: All light fixtures using a 60 watt bulb are for flashing models only. For steady-burn or scene type lighting, use appropriate models.

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN® 7

*Designed &
manufactured
in the U.S.A.*

High intensity warning in a range of sizes and styles to fit every application. Soldered-in strobe tubes and improved gasket material assures greater vibration and moisture resistance in every model. Strobe tubes are parabolically centered within a highly polished reflector for maximum light output. 4" round lighthead provides strobe warning in a versatile size and shape. Linear strobe tubes carry a two year Gold Medallion warranty. All lightheads are furnished with 15' of 3-C shielded cable. Requires Whelen remote strobe power supply, purchased separately. Mounting options are also purchased separately.
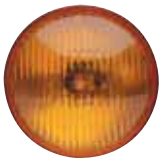
B E

4" Round Series
4" round strobe lighthead with a flat optic lens. The helix strobe tube is soldered-in for vibration resistance. Requires optional mounting.
Size: 4-1/4" (108mm) Dia.
4" Round Models
201000*U .. Helix strobe.

A(LOWER R) **B E W**

400 Series
Linear strobe lighthead in a versatile size ideal for bumper, step or grille mounting, or for lower area lighting on large vehicles.
Size: 3-3/16" (77mm) H x 4-15/16" (124mm) W.
400 Models
402000*U .. Linear strobe.
402000#U .. Linear strobe, split lens.

E(A)

500 Series
Small size linear strobe, goes anywhere with a wide variety of required optional mountings.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Models
502000*U .. Linear strobe.
502000#U .. Linear strobe, split lens.

A(LOWER R, UPPER R/A/C) **B**(R/A/B) **E W**

600 Series
Mid-sized directional, linear strobe lightheads with new stepped internal optics for improved light output at wide angles. This series offers a wide variety of mounting options.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Models
602000*U .. Linear strobe.
602000#U .. Linear strobe, split lens.

A(LOWER R, UPPER R/A/C) **B**(A/B/R/W) **E W**

700 Series
Rectangular linear strobe has a newly designed gasket for mounting directly into a hole cut-out on the vehicle without using a housing or a flange. This series offers a wide variety of mounting options.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
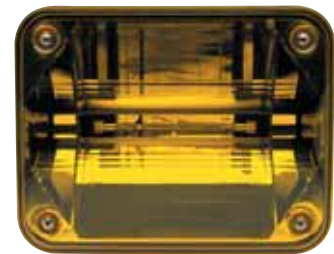**700 Models**
702000*U .. Linear strobe.
702000#U .. Linear strobe, split lens.

Non-Linear
A(UPPER R/A/C) **B E W**

Linear
B E W

900 Series
Now available in two versions, the original non-linear strobe tube and a linear strobe designed for NFPA 1901 applications for even more attention getting light output.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Models
901000*U .. Non-Linear strobe.
901000#U .. Non-Linear strobe, split lens.
902000*U .. Linear strobe.
902000#U .. Linear strobe split lens.

Replace symbol* in model number with letter indicating lens color:
A=Amber, **B**=Blue, **C**=Clear, **R**=Red, **G**=Green.

Replace symbol # with letter indicating split lens color desired:
D = Red/Clear   **E** = Blue/Clear
F = Amber/Clear   **H** = Green/Clear
J = Red/Blue   **K** = Red/Amber
L = Red/Green   **M** = Blue/Amber

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

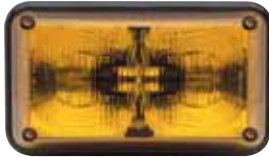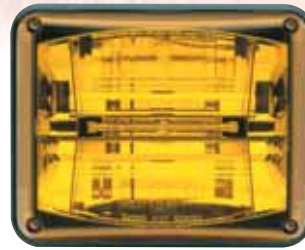*Designed & manufactured in the U.S.A.*

508 Series Strobe and Halogen

W

W

Eliminate large cutouts on your vehicle with Whelen surface mounted strobe and halogen lightheads. Only four mounting screws and an access hole for cable is needed, making installation and maintenance easier. Choose soldered-in linear strobe warning, dual halogen warning or 8°-32° scenelight model (see page 16) featuring snap-in relampable 27 watt bulbs. Split lenses also available. Strobe models include 15' of 3-C shielded cable with AMP Mate-N-Lok® connectors; halogen include 6" pigtails. Optional chrome plated flange is available.
Size: 5" (127mm) H x 8-5/8" (220mm) W x 2" (50mm) Depth.

Models
508 Series
58EC20*U..Linear strobe.
58EC20#U..Linear strobe, split lens.
580CAA*R..Dual 27 watt halogen.
580CAA#R...Dual 27 watt halogen, split lens.

Scenelights available, see page 16.

810 Series Strobe and Halogen

E
W

A
W
(amber & clear)

Eliminate large cut-outs on your vehicle with Whelen surface mounted strobe and halogen lightheads. Only four mounting screws and an access hole for cable is needed making installation and maintenance easier. 8°-32° Scenelight version available for illuminating larger work areas (see page 16). Strobe models include 15' of 3-C shielded cable with AMP Mate-N-Lok connectors; halogen include 6" pigtails. Split lens models are available. Optional chrome plated flange is available.
Size: 8" (203mm) H x 10" (254mm) W x 2" (50mm) Depth.

Models
81EC20*U..Strobe.
81EC20#U..Strobe, split lens.
810CAA*R..Dual halogen.
810CAA#R..Dual halogen, split lens.
810CA0ZR..8° - 32° Scenelight.

Replace symbol* in model with letter indicating lens color:
A=Amber, **B**=Blue, **C**=Clear, **R**=Red, **G**=Green.

Replace symbol # with letter indicating split lens color desired:
D = Red/Clear   **E** = Blue/Clear
F = Amber/Clear   **H** = Green/Clear
J = Red/Blue   **K** = Red/Amber
L = Red/Green   **M** = Blue/Amber

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN® 9

Incandescent Series

Whelen's commitment to vehicle safety extends beyond primary emergency warning to the critical importance of signalling devices. Fire and rescue, ambulances, DOT, towing, and construction vehicles all share the hazardous and "rough road" conditions that wear down equipment. Industry standard 1157 lamps are mounted in a relampable brass/chrome plated lamp socket and a stainless steel contact spring which are impervious to corrosion and moisture related failures. 1157 incandescent lamps are featured standard in the 600, 700 and 900 Series only. 1157 lamps can be purchased commercially reducing service time and cost. All Whelen brake and taillights are designed to keep you on the road safely and with minimal service.

Brake & tail incandescent lights require mounting option purchased separately.

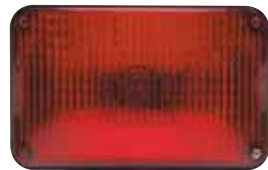**K   X**

500 Series
Small size lighthead with a wide variety of mounting options. Utilizes globular snap-in incandescent bulb.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Model
50X000RR..Brake/tail/turn.

**J
K
L
T
V**

600 Series
Mid-sized directional, lighthead. Uses #1157 incandescent bulb. Certified SAE and FMVSSA.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Model
60X000RR..Brake/tail/turn.

J K L M T V

700 Series
Rectangular mid-sized lighthead. Uses #1157 incandescent bulb. Certified SAE and FMVSSA.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Model
70X000RR..Brake/tail/turn.

J K L T V

900 Series
The largest directional lighthead in the series. Uses #1157 incandescent bulb.
Certified SAE and FMVSSA.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Model
90X000RR..Brake/tail/turn.

WHELEN®

LED BRAKE/TAIL/TURN

Designed & manufactured in the U.S.A.

Encapsulated modules shrug off moisture, salt, chemicals and road shock. They are rated for 100,000 hours of low current, operation. Two flash patterns including the most effective pattern on the market today, SignalAlert™, is standard. When LED is activated, SignalAlert provides a 4 burst flicker before turning steady-on for a more eye-catching pattern. All maximum brake and tail lightheads featured on this page are dual mode intensities that can be used as a brake/tail/turn and exceed SAE specifications for the brightest, most effective signalling capability available. LED lightheads have a five year HDP® Heavy-Duty Professional warranty. Mounting options are purchased separately.

J K L X Y

NEW M6 Series
Unique lens shape is completely illuminated with LED designed reflector assembly. Surface mounted via two screws. Lens and reflector are a sealed assembly. Hard coated lens resists scratches, chemical and UV damage.
Size: 4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D.
M6 Model
M6BTT...........Brake/tail/turn.

J K L X Y

NEW M9 Series
Unique lens shape is completely illuminated with LED designed reflector assembly. Surface mounted via two screws. Lens and reflector are a sealed assembly. Hard coated lens resists scratches, chemical and UV damage.
Size: 6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D.
M9 Model
M9BTTX...........Brake/tail/turn.

J K L X Y

2G / 4" Round and 5G / Oval Super-LED® Series
Highly efficient optic and Super-LED technology makes a brake/tail/turn light that only needs one single light emitting diode (LED) to meet SAE standards for all vehicles including vehicles that exceed 80" in overall width. Encapsulated Super-LED and hermetically sealed vinyl grommet mount light is compatible with competitive oval lights and fits in all applicable industry horizontal or vertical mounting accessories. Includes 6" integral wires, or industry standard connector to mate with truck harness. Custom wire lengths and termination available.
Size: 2G including grommet: 5-1/2" (140mm) Dia.
5G including grommet: 3-3/16" (81mm) H x 7-7/16" (189mm) W.
2G Models
2GR01BRR ..Lighthead only.
2GR01BRT ..Lighthead with connector.
5G Models
5GR01BRR ..Lighthead only
5GR01BRT ..Lighthead with connector.

F G J K L T V X Y

400 Series
Slim rectangular housing offers mounting versatility in tight spaces.
Size: 3-3/16" (77mm) H x 4-15/16" (124mm) W.
400 Model
40R00XRR..Brake/tail.

P Flange Mount

P Surface Mount

500 Series
Small size rectangular auxiliary light with a wide variety of mounting options. Also available in surface mount model.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Models
5SR00XRR..Surface mount brake/tail, auxiliary.
50R00XRR..Brake/tail, auxiliary

Maximum populated

J K L T X Y

Minimum populated

F G H J K L T V X

600 Series
Mid-sized rectangular lighthead.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Models
60R00XRR..Maximum populated, exceeds SAE requirements.
60R00BRR..Minimum populated, meets SAE requirements.

Maximum populated

F G H J L M T V Y

Minimum populated

M K T X Y

700 Series
Rectangular mid-sized lighthead.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Models
70R00XRR..Maximum populated, exceeds SAE requirements.
70R00BRR..Minimum populated, meets SAE requirements.

J K L X Y

900 Series
The largest directional lighthead in the series.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Model
90R00XRR..Brake/tail, exceeds SAE requirements.

J K

Strip-Lite™ Series
Surface mounted, slim, rectangular lighthead for brake/tail/turn.
Size: 1-3/8" (35mm) H x 11-1/2" (292mm) W.
Strip-Lite Models
PSR00XRR..Brake/tail, exceeds SAE requirements.
PSRASXCR..Brake/tail, amber turn at each end (supplemental).

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN® 11

TURN SIGNALS

Incandescent Turn

Choose from three sizes of incandescent turn signals, all with arrows which can be mounted in a left or right direction. Incandescent bulbs (#1157) are commercially available for easy replacement and feature a brass/chrome-plated lamp socket and a stainless steel contact spring which are impervious to road chemicals and moisture. Whelen incandescent turn signals complement our full line of warning and signalling devices for the most effective and complete warning package on the road today. Mounting options are purchased separately.
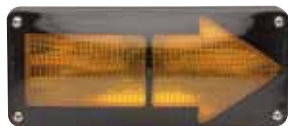
L Y

600 Series
Mid-sized lighthead.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Model
60X000TR... Incandescent arrow.

L Y

700 Series
Rectangular mid-sized lighthead.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Model
70X000TR.. Incandescent arrow.

L V

900 Series
The largest lighthead in the series.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Model
90X000TR .. Incandescent arrow.

Super-LED® Turn

Unique lens shape is completely illuminated with patented Linear-LED® designed reflector assembly. Super-LEDs provide unmatched high intensity warning, low current consumption. Surface mounted via two screws allows for faster and easier installation. Hard coated lens resists scratches, chemical and UV damage. Mounting options are purchased separately.

L Y

NEW M6 Series
Mid sized Super-LED turn light.
Size: 4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D.
M6 Model
M6T..............Super-LED arrow shape.

L Y

NEW M9 Series
Large sized full arrow.
Size: 6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D.
M9 Model
M9T..................Super-LED arrow.

LED Turn

Heavy-duty LED vibration and moisture resistant turn signals provide a choice of arrow shapes and non-arrow models. All models feature 6 flash patterns, including light sequencing across the arrow shape for added attention. Whelen 100% solid-state LEDs have no moving parts, no glass, no lamp filaments, plus they are epoxy encapsulated so they stand up to rough road and adverse weather conditions. Epoxy encapsulated LEDs are vibration, corrosion and moisture resistant. Rated for 100,000 hours of operation, they may outlast the vehicle! LED lightheads have a five year HDP® Heavy-Duty Professional warranty. Mounting options are purchased separately.

X Y

400 Series
Amber turn indicator/front marker clearance light combination. Turn indicator is certified to SAE J588.
Size: 3-3/16" (77mm) H x 4-15/16" (124mm) W.
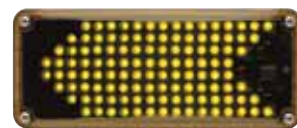**400 Model**
40A00AAR..LED combination turn clearance.

L Y

600 Series
Mid-sized lighthead in arrow shape with amber LEDs.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Model
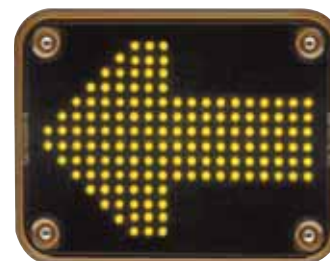60A00TAR.. LED arrow.

L Y

700 Series
Rectangular mid-sized lighthead, in amber chevron arrow shape.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Model
70A00TAR.. LED chevron arrow.

L Y

900 Series
The largest lighthead in the series in amber arrow shape.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Model
90A00TAR.. LED arrow.

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

BACK-UP LIGHTS

Halogen Back-up

Halogen back-up lights give you a choice of three sizes from the compact 600 Series to the full size 900 Series. All have 27 watt snap-in halogen bulbs and are SAE, FMVSSA certified. Foam-in-place gasket keeps moisture out and provides vibration resistance. Mounting options purchased separately.

F
G
H
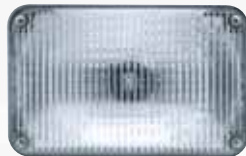
600 Series
Mid-sized back-up light.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Model
60J000CR .. Halogen.

N

700 Series
Rectangular mid-sized.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Model
70J000CR .. Halogen.

N

900 Series
The largest light in this series.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Model
90J000CR .. Halogen.

Super-LED® Back-up

M Series unique lens shape is completely illuminated with patented Linear-LED® designed reflector assembly. Super-LEDs provide unmatched high intensity warning, low current consumption. Surface mounted via two screws allows for faster and easier installation. Hard coated lens resists scratches, chemical and UV damage. Mounting options purchased separately.

N

NEW M6 Series
Super-LEDs provide unmatched high intensity warning, low current consumption.
Size: 4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D.
M6 Model
M6BUW........Super-LED.

N

NEW M9 Series
Super-LEDs provide unmatched high intensity warning, low current consumption.
Size: 6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D.
M9 Model
M9BUW............Super-LED.

NEW 5G Back-up
Hermetically sealed vinyl grommet mount light is compatible with competitive oval lights and fits in all applicable industry horizontal or vertical mounting accessories. Includes vinyl mounting grommet.
Size including grommet: 3-3/16" (81mm) H x 7-7/16"(189mm) W.
5G Model
5GC00WCR ..LED

LED Back-up

LED back-up lights give you a choice of sizes and intensity. LEDs are the perfect lamp choice when road shock, moisture, and corrosion are a consideration. Whelen LED's are epoxy encapsulated, have no glass or filament to break and are rated for 100,000 hours of trouble-free operation. All LED back-up lights have a five year HDP® Heavy-Duty Professional warranty. Mounting options purchased separately.

N

400 Series
Small versatile LED size.
Size: 3-3/16" (77mm) H x 4-15/16" (124mm) W.
400 Model
40C00VCR.. LED.

N

500 Series
Small versatile size, LED with a wide variety of mounting options, purchased separately.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Model
50C00WCR.. LED.

N
Minimum intensity

N
Maximum intensity

600 Series
Mid-sized lighthead in two intensities with minimum and maximum populated LEDs.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Models
60C00VCR.. Minimum intensity.
60C00WCR.. Maximum intensity.

N
Minimum intensity

N
Maximum intensity

700 Series
Rectangular mid-sized lighthead in two levels of intensities with minimum and maximum populated LEDs.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Models
70C00VCR.. Minimum intensity.
70C00WCR.. Maximum intensity.

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

MULTI-PURPOSE LED LIGHTS

Compact, surface mount LEDs are perfect for lighting previously hard to access areas on your vehicle. Moisture and vibration resistance plus long-life and low amp draw make LED lights ideal for many applications. Mounting options purchased separately.

0S Series
Single white diode illumination light with 45° chrome housing for illuminating step surface and other areas needed angled illumination.
Size: 1" (25mm) H x 1-1/2" (38mm) L x 1/2" (13mm) D.
Bezel model: 1" (25mm) H x 7/8" (21mm) D x 1-7/8" (48mm) L.
0S Models
0SC0EDCR..Single LED, white illumination light.
0AC0EDCR..Single LED, white 45° bezel illumination light.

M

0S Series
LED Marker/Clearance light with chrome housing and clear lens available in red or amber.
Size: 1" (25mm) H x 1-1/2" (38mm) L x 1/2" (13mm) D.
0S Models
0SA00MCR..4-LED, marker, clearance light, amber.
0SR00MCR..4-LED, marker, clearance light, red.

NEW Vertex™
Single self-contained lighthead with new smaller in-line lamp driver with 25 Scan-Lock™ flash patterns, including steady-burn. No RFI noise emitted for radio interference. Encapsulated with aluminum base. 9' connector cable.
Size with grommet: 7/8" (22mm) H x 1-1/2" (38mm) W.
Size with flange: 1" H x 2-1/4" (57mm)
Vertex Models
VTX609A.....Amber light.
VTX609R.....Red light.
VTX609B.....Blue light.
VTX609C.....White light.

2" Round
Small 2" round LED with a flat lens. White for compartment lighting and clearance lighting in red and amber. A choice of mounting options makes it easily adaptable for adding the light anywhere on your vehicle. Each lighthead includes a 2-1/2" adapter (for customer supplied 2-1/2" grommet) plus a 3" and 3-1/2" flange mount. Optional flanges and grommet available.
Size: 2" (51mm) Dia.
M **M**
2" Round Models
T0CACCCR..Compartment light.
T0A00MAR..LED marker or clearance light, amber.
T0R00MRR..LED marker or clearance light, red.

2G (4" Round) Series
LED compartment and ground perimeter lighting. Picture shown with optional grommet. Requires optional mounting, purchased separately.
Size with grommet: 5-1/2" (140mm) Dia.
2G Model
20C0CDCR...Compartment light.
20C0CDCD...Compartment light, includes Deutsch waterproof connector.

5G Series
Super-LED® compartment light with clear lens. Includes black vinyl grommet.
Size with grommet: 3-3/16" (81mm) H x 7-7/16" (189mm) W.
5G Model
5GC0CCCR..Compartment light.

M

500 Series
Small size, amber or red LED surface mount clearance lights. Versatile lighting fits anywhere on your vehicle. Requires optional mounting, purchased separately.
Size: 1-5/8" (41mm) H x 5" (127mm) W.
500 Models
50A00MAR...Clearance, amber.
50R00MRR...Clearance, red.

Strip-Lite™ Series
Surface mount lighthead features frosted amber and white LEDs and are available in two levels of intensity. Optional 45° mounting brackets for one lighthead. Four color LED light version indicates fluid level on water tank. Green light indicates a full tank, blue is half, amber is a quarter full and red means empty (tank sensor, customer supplied).
Size: 1-3/8" (35mm) H x 11-1/2" (292mm) W.
Strip-Lite Models
PSC0CDCR...6 diode compartment light.
PSC0ADCR...3 diode compartment light.
PSTANK .....Four color LED water tank status light (tank sensor, customer supplied).

Red letters next to photograph indicate current lighthead certifications, see page 22.

WHELEN®

INTERIOR LIGHTS

Advanced LED technology provides superior, uniform interior lighting that eliminates hot spots and shadows, closely replicates natural light for monitoring patient skin tones, and illuminates cabinets and emergency equipment for critical response procedures. Certified to meet NFPA, KKK or FMVSSA requirements. Whelen LED lights are reliable, moisture and vibration resistant and will provide many hours of peak performance and all the many benefits of LED technology. Designed to easily replace your present outdated lighting. Mounting options purchased separately.

Halogen Interior

8635CU
Dual intensity, interior light with 14 and 35 watt snap-in halogen lamps. One piece reflector with chrome plated flange.
Size: 1-5/8" Recess x 1-11/64" (30mm) Protrusion x 6-7/16" (164mm) W x 8-3/16" (208mm) L
86 Model
8635CU......35 watt halogen, rectangular.

CL25
Surface mounted, two wire design compartment light. Extends less than 2" into compartment. Bayonet style 25 watt lamp, clear lens.
Size: 5-7/8" (149mm) Dia. x 1-7/8" (47mm) Protrusion.
CL25 Model
CL25C ....25 watt halogen, round.

Super-LED® Interior

NEW 86CE1
One piece reflector and chrome plated trim flange. Hi/Low intensity mode.
Size: 8-3/16" (208mm) W x 6-7/16" (163mm)D x 1-1/4" (32mm) recess.
86 Model
86CE1.........12 diode Super-LED, rectangular, white.

NEW 8" Round
Direct replacement to outdated halogen and incandescent lighting fixtures.
Super-LED ambulance interior light approximates natural light at mid-day for truer flesh tones and accurate patient evaluation. Lightheads feature standard Hi/Low intensity mode and an additional four dimming levels achieved using Model 8DIMCTRL dimmer control (switch is customer supplied). Properly installed with the appropriate number of lightheads, this product is certified to meet KKK 1822F.
8" Round Models
80C0EHCR..9 diode, Super-LED white.
80R0EKCR..3 diode, Super-LED, red.
80R0EJCR..6 diode, Super-LED, red.

SCENELIGHTS

Five sizes to choose from. The smaller M6 or 600 Series to the full size 900 and M9. Choice of Super-LED or Halogen. 12 diode Super-LED models are comparable in intensity to halogen, and the 24 diode model compares to H.I.D. Super-LED offers lower voltage and lower operating temperature, plus they do not emit ultra violet radiation that attracts insects during night operation. Unique patented internal and external optic design directs lighting at 8°-32° angles on all models without added inserts or angle brackets. Halogen models use snap-in halogen bulbs. Outer lens provides the proper degree of light placement with internal optics while a foam-in-place gasket keeps moisture out. Mounting options purchased separately.

508 Series
Eliminate large cutouts on your vehicle with surface mounted 8°-32° scenelight model featuring snap-in relampable 27 watt bulbs. Optional chrome plated flange is available.
Size: 5" (127mm) H x 8-5/8" (220mm) W x 2" (50mm) Depth.
508 Model
580CAAZR.. Halogen, surface mount.

810 Series
8°-32° Scenelight eliminates large cut-outs on your vehicle. Only four mounting screws and an access hole for cable is needed making installation and maintenance easier.
Size: 8" (203mm) H x 10" (254mm) W x 2" (50mm) Depth.
508 Series
810CA0ZR.. Halogen, surface mount.

Halogen & LED Scenelights

500 Series
Small size LED requires optional mounting.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
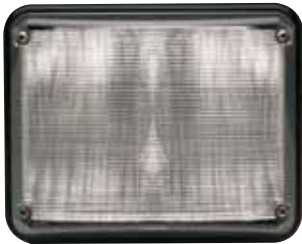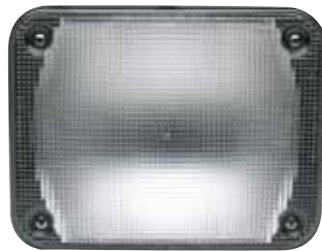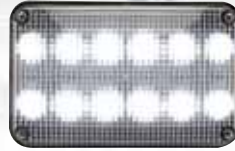**500 Models**
50C000ZR.. LED.

600 Series
Mid-sized directional, lighthead with 35 watt, snap-in halogen lamp.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Models
60K000XR.. Halogen, 26°.
60K000YR.. Halogen, 13°.

700 Series
Rectangular lighthead with 35 watt, snap-in halogen lamp.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Model
70K000ZR.. Halogen, 8-32°.

900 Series
Large halogen with snap-in 50 watt halogen bulb.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Model
90E000ZR .. Halogen.

Super-LED® Scenelights

600 Series
Mid-sized 12 diode, gradient 8°-32° Super-LED scenelight.
Size: 4-1/8" (105mm) H x 6-1/2" (165mm) W.
600 Model
60C0ELZR.. Super-LED.

700 Series
Rectangular 12 diode, gradient 8°-32° Super-LED scenelight.
Size: 3-1/16" (78mm) H x 7-1/4" (184mm) W.
700 Model
70C0ELZR... Super-LED.

900 Series
Two large gradient 8°-32° Super-LED® models of 12 and 24 diodes. 12 diode model compares to halogen and 24 diode compares to H.I.D. scenelights.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
900 Models
90C0ELZR.. Super-LED,12 diode.
90C0ENZR.. Super-LED, 24 diode.

NEW M6
Surface mount 12 diode gradient 8°-32° Super-LED scenelight features inner optics that direct light downward without angle brackets.
Size: 4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D.
M6 Model
M6ZC .... Super-LED, surface mount.

NEW M9
Surface mount 12 diode gradient 8°-32° Super-LED scenelight features inner optics that direct light downward without angle brackets. Photo shown with optional chrome flange.
Size: 7-1/8" (181mm) H x 9-1/8" (232mm) W.
M9 Model
M9ZC .... Super-LED, surface mount.

MOUNTING OPTIONS

Designed & manufactured in the U.S.A.

Whelen lighthead mounting options are designed and manufactured in our Charlestown, NH and Chester, CT facilities for design integrity and quality assurance. Only in this way can we promise you the finest materials that will stand up to the long haul. From lightweight molded housings to super heavy-duty polished cast aluminum housings, we are constantly striving to improve the looks, reliability and serviceability of these products. Lightheads are purchased separately.

TFLANGEC TFLANGEB TGROM2

2" Round

TGROM2 ....2" Grommet.
TFLANGEB ......Surface mount flange, black.
TFLANGEC ......Surface mount flange, chrome.

2FLANGEC 2FLANGEB 2GROMMET

4" Round

2FLANGEB ....Black surface mount trim ring, LED models only.
2FLANGEC ....Chrome surface mount trim ring, LED models only.
2GROMMET ....4" grommet mount for strobe or LED.

508 & 810 Series

508TRIM ....Chrome plated flange cover for 508 Series, factory installed.
810TRIM ....Chrome plated flange cover for 810 Series, factory installed.

810TRIM
508TRIM

M Series

M4 Series
M4FC ....Chrome plated flange.
M4FB ....Black flange.
M4IF8C..........Intersector™ (fender) surface mount chrome housing, 2008 Ford "F" Series, pair.
M4GM2LRC ..Grille mount chrome housing, Freightliner M2 Series 2005-2009, pair.

M6 Series
M6FC ....Chrome plated flange.
M6FB ....Black flange.
M6P15C........15° angled surface mount housing, chrome.
M6P15B........15° angled surface mount housing, black.
M6HDLMTK ..Chrome headlight mounting kit for ATI & KD housing.
M6FC600 ....Chrome flange, adapts M6 to 600 Series.
M6FCV2.........Chrome flange for 2 vertical lightheads.
M6FCV3.........Chrome flange for 3 vertical lightheads.
M6FCV4.........Chrome flange for 4 vertical lightheads.

M7 Series
M7FC ....Chrome plated flange.
M7FB ....Black flange.
M7IF8C ....Intersector (fender) surface mount chrome housing, 2008 Ford "F" Series, pair.
M7IC8C.........Intersector (fender) surface mount chrome 2005-2008,Chevy 4500/5500 Series, pair.
M7GCV8C .....Grille surface mount chrome housing, 2006-2008 Chevy Express Van, pair.
M7ICV8C.......Intersector (fender) surface mount chrome housing, 2006-2008 Chevy Express Van, pair.
M7FC700 ....Chrome flange, adapts M7 to 700 Series.
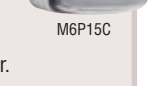
M9 Series
M9FC ....Chrome plated flange.
M9FB ....Black flange.
M9FC900 ....Chrome flange, adapts M9 to 900 Series.

M4FB M6FC M7FB M9FC M6P15C
M6FC600 M7FC700 M6FCV2 M9FC900 M6FCV3 M6FCV4

Strip-Lite™ Series

PSBKT451
PSBKT1

PSBKT451.....45º stainless steel mounting bracket for one compartment light.
PSBKT1.........Guard for use with or without single angle bracket.

TIR3™/LIN3™

Mountings will fit both TIR3 and LIN3 Lightheads

RFLANGEC ....Chrome flange.
RFLANG2C ....Chrome flange for dual lightheads.
RFLANG2B....Black flange for dual lightheads.
RFLANGEA ....Cast aluminum flange.
RFLANGCD...Deep chrome plated flange.
RBKT1...........Mounting bracket for one lighthead, (not for vertical lightheads).
RBKT2...........Mounting bracket for dual lightheads, (not for vertical lightheads).
RBKT3...........Crown Victoria trunk mount bracket for two lightheads, pair.
RBKT4...........Swivel mounting bracket.
RBKT5...........Under the sideview mirror, 18° downward mount for 2009-2010 Chevy Tahoe.
RBKT6...........License plate bracket for two lightheads, horizontal mount.
RBKT7...........License plate bracket for two lightheads, vertical mount.
RBKT8B ....Black fender mount for Freightliner M2 or International, pair
RBKT8C ....Chrome fender mount for Freightliner M2 or International, pair

Harley-Davidson® Motorcycle Brackets
RBKTHD1......Windshield bracket for one lighthead.
RBKTHD2......Side saddle crash bar bracket for two horizontal lightheads.
RBKTHD3......Rear saddle crash bar bracket for two horizontal lightheads.
RBKTHD4......Under radio box bracket for one horizontal lighthead.
RBKTHD5......Under headlight bracket for one horizontal mount lighthead.
RBKTHD6......Passing/Fog light bracket kit (not shown).

RFLANGEC RFLANGEA RFLANG2B RFLANG2C RBKT1 RBKT2 RBKT4

RBKTHD1 RBKTHD2 RBKTHD3 RBKTHD4 RBKTHD5

LINZ6™

LINZ6FC.........Deep chrome plated flange.
L6BKT1..........Ford Crown Victoria trunk bracket for 2 lightheads.
L6BKT2..........Dodge Charger trunk bracket for 2 lightheads.
L6BKT3..........46° push bumper bracket.
RBKT6...........License plate bracket for 2 lightheads, horizontal mount.
RBKT7...........License plate bracket for 2 lightheads, vertical mount.

WHELEN® 17

Designed & manufactured in the U.S.A.

2GFLANGC 2GFLANGB 2GROMMET 2GBKT1

2G Series
2GFLANGC .....Chrome plated flange.
2GFLANGB .....Black flange.
2GROMMET ...Grommet mount.
2GBKT1 ....Black "L" bracket for grommet mount lighthead only.

5GFLANGC 5GFLANGB 5GBKT1

5G Series
5GFLANGC ......Chrome plated flange.
5GFLANGB ......Black flange.
5GBKT1 ....Black "L" bracket for grommet mount lighthead only.

4FLANGEB 4EFLANGE 4EGRILP

4EGRILB Grille and Fender Mount Housings

400 Series
4EFLANGE .....Chrome plated flange (not for Linear Super-LED®).
4FLANGEB .....Black flange (not for Linear Super-LED).
4TSMAC ....Chrome Linear Super-LED surface mount flange.
4TSMAB ....Black Linear Super-LED surface mount flange.
4EGRILP ....Grille-Master™ chrome housing with swivel bracket.
4EGRILB ....Grille-Master black housing with swivel bracket.
4GI5LRC ....Grille mount chrome housing, pair, 2005 International®
　　　　　　　　7400 Series. Super-LED and LED will surface mount.
4GM2LRC ......Grille mount chrome housing, Freightliner M2.
4GC5LRC ....Grille mount chrome housing, pair, 2005-2006 Chevy Kodiak
　　　　　　　　4500/5500 with mesh grille only. Super-LED and LED will
　　　　　　　　surface mount.
4GCW5LRC ...Grille mount chrome housings, pair, 2005-2007 Chevy Kodiak
　　　　　　　　4500/5500 with webbed grille only. Super-LED and LED will
　　　　　　　　surface mount.
4GCV6LRC ....Grille mount chrome housings, pair, 2006-2009 Chevy Express
　　　　　　　　Van. Super-LED and LED will surface mount.
4II5LRC ....Intersector™ (fender) mount chrome housings, pair, 2005-2009
　　　　　　　　International 7400 Series.
4IF8LRC.........Intersector (fender) mount chrome housings, pair, 2008-2009
　　　　　　　　Ford F-Series.
4IE8LRC ....Intersector (fender) mount chrome housings, pair, 2008-2009
　　　　　　　　Ford E 350/450 Series. Super-LED and LED will surface mount.
4ICV6LRC......Intersector (fender) mount chrome housings, pair, 2006 Chevy
　　　　　　　　Express Van. Lighthead 40*02Z*R or LED will surface mount.
4IDSLRC........Intersector (fender) mount chrome housings, pair, 2004-2009
　　　　　　　　Dodge Sprinter. Super-LED and LED will surface mount.
4ILKT1 ....Polished Intersector housing kit, pair, 4300/4400 International
　　　　　　　　chassis only.

500 Series
(For 500 Series lightheads, except 5S surface mount models)
5FLANGEB .....Black polycarbonate flange.
5FLANGEC .....Chrome plated flange.
5FLANGEP .....Polished aluminum flange.
5GROMMET .....Grommet mount.
5GBKT1 ....Black "L" bracket for grommet mount lighthead only.
52SMAB ....Black surface mount adapter, strobe only, requires
　　　　　　　　flange, purchased separately.
5TSMAB ....Black flange for surface mounting, TIR6™ only.
5TSMAC ....Chrome plated flange for surface mounting, TIR6 only.
5LSMAB ....Black surface mount adapter, Linear-LED® (only).
5LSMAC ....Chrome plated surface mount adapter, Linear-LED (only) .
5BRUSH ....Aluminum brush guard, includes surface mount adapter for
　　　　　　　　TIR6, LED requires optional flange purchased separately.
5HSGPED ....Pedestal swivel mount, housing & flange.
5HSGB1 ....7/8" to 1" round cast aluminum bar mount, housing & flange.
5HSGB125 .....1-1/4" round cast aluminum bar mount, housing & flange.
5BKT1 ....Bracket for Super-LED®, universal mounting bracket.
5BKT2 ....Bracket for TIR6, Harley-Davidson®, fog mount kit.
5GF8LRC ....Grille mount chrome housings, pair, 2008 Ford F-Series,
　　　　　　　　Super-LED and LED will surface mount.
5GE8LRC ....Grille mount chrome housings, pair, 2008 Ford E 350/450
　　　　　　　　Series, Super-LED and LED will surface mount.
5IF8LRC ....Intersector (fender) mount chrome housings, pair, 2008-2009
　　　　　　　　Ford F-Series, Super-LED and LED will surface mount.
5IE8LRC ....Intersector (fender) mount chrome housings, pair, 2008-2009
　　　　　　　　Ford E 350/450 Series, Super-LED and LED will surface mount.
5II5LRC ....Intersector (fender) mount chrome housings, pair, 2005-2009
　　　　　　　　International 7400 Series, Super-LED and LED will surface
　　　　　　　　mount.
5IC5LRC ....Intersector (fender) mount chrome housings, pair, 2005-2006
　　　　　　　　Chevy Kodiak 4400/4500 & 5500 Series with mesh grille,
　　　　　　　　Super-LED and LED will surface mount.
5HI5LRC.........Hood mount chrome housings, pair, 2005-2008 International
　　　　　　　　7400 Series, Super-LED and LED will surface mount.

5FLANGEP 5FLANGEC 5BRUSH

5GROMMET 5TSMAC 5LSMAC

52SMAB 5HSGB1 5HSGB125 5FLANGEB 5TSMAB

5HSGPED

5BKT1

Grille and Fender Mount Housings

5GBKT1

WHELEN®

Designed & manufactured in the U.S.A.

6EFLANGE

6FLANGEB

6EHDLTMK

CAST3
PLAST3V / PLAST3VL

CAST4V
PLAST4V / PLAST4VL

CAST1L

CAST3H

600 Series

6EFLANGE .....Chrome plated flange.
6FLANGEB .....Black flange.
6EHDLTMK.....Headlight mounting kit includes bracket & hardware for ATI & KD housing.
PLAST3V ....3 Lighthead vertical ABS chrome plated plastic housing.
PLAST3VL .....3 Lighthead vertical ABS chrome plated plastic housing (for LED and Super-LED only).
PLAST4V ....4 Lighthead vertical ABS chrome plated plastic housing.
PLAST4VL .....4 Lighthead vertical ABS chrome plated plastic housing (for LED and Super-LED only).
CAST1L ....1 Lighthead horizontal polished cast aluminum housing.
CAST3............3 Lighthead vertical polished cast aluminum housing.
CAST3H.........3 Lighthead horizontal polished cast aluminum housing.
CAST4V ....4 Lighthead vertical polished cast aluminum housing.
64FKIT ....Mounting kit to convert 600 Series to fit in old style 64 Series hole cut-outs (not shown).

9EFLANGE

9FLANGEB

90FLANGC

900 Series

9EFLANGE.....Chrome plated flange (not for Super-LED).
9FLANGEB ....Black flange (not for Super-LED).
90FLANGB ....Black flange for Super-LED® only.
90FLANGC ....Chrome plated flange for Super-LED® only.
97FKIT ....Mounting kit to convert 900 Series to fit in old style 97/9E Series hole cutouts.
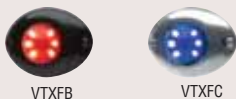
VTXFB

VTXFC

Vertex™ Series

VTXFC.............Chrome plated flange, surface mount.
VTXFB.............Black flange, surface mount.

7EFLANGE

7FLANGEB

7GILKT1

7EGRILB

7EGRILP

7CAST3

7GIKT1

Grille and Fender Mount Housings

7CAST1

700 Series

7EFLANGE.....Chrome plated flange.
7FLANGEB ....Black flange.
7EGRILP ....Grille-Master™ chrome housing with swivel bracket, fits linear strobe and LED only.
7EGRILB ....Grille-Master black housing with swivel bracket fits linear strobe and LED only.
7PLAST1C.....Universal composite chrome plated housing for 1 lighthead.
7CAST1 ....1 Lighthead polished cast aluminum housing (not for 702*S0*U).
7CAST3 ....3 Lighthead polished cast aluminum housing (not for 702*S0*U).
73FKIT ....Mounting kit to convert 700 Series to fit in old style 7E Series hole cutouts.
7GIKT1..........Polished grille housings, pair for 4300/4400 International chassis, no grille modification needed.
7GILKT1 ....Polished grille housings, pair, for LED and 4300/4400 International chassis only, no grille modification needed.
7GILKT2 ....Polished grille housings, pair, fits LED only, and 4300/4400 International chassis with stationary grille, no grille modification needed.
7GI5LRC ....Grille mount chrome housings, pair, 2005-2009 International 7400 Series, Super-LED and LED will surface mount.
7GCV6LRC....Grille mount chrome housings, pair, 2006-2009 Chevy Express Van, Super-LED and LED will surface mount.
7II5LRC.........Intersector™ (fender) mount chrome housings, pair, 2005-2009 International 7400 Series, Super-LED and LED will surface mount.
7GC5LRC ......Grille mount chrome housings, pair, 2006 Chevy Kodiak, 4400/4500 & 5500 Series with mesh grille, Super-LED and LED will surface mount.
7GCW5LRC...Grille mount chrome housings, pair, 2005-2007 Chevy Kodiak, 4500 & 5500 Series with webbed grille, Super-LED and LED will surface mount.
7GM2LRC .....Grille mount chrome housings, pair, Freightliner M2 Series, Super-LED and LED will surface mount.
7IC5LRC........Intersector (fender) mount chrome housings, pair, 2005-2006 Chevy Kodiak 4400/4500 & 5500 Series with mesh grille, Super-LED and LED will surface mount.
7ICV6LRC .....Intersector (fender) mount chrome housings, pair, 2006-2009 Chevy Express Van, Super-LED and LED will surface mount.
7IF8LRC ....Intersector (fender) mount chrome housings, pair, 2008-2009 Ford F-Series, Super-LED and LED will surface mount.
7IE8LRC........Intersector (fender) mount chrome housings, pair, 2008-2009 Ford E 340/450 Series, Super-LED and LED will surface mount.
7HI5LRC ....Hood mount chrome housings, pair, 2005-2009 International 7400 Series, Super-LED and LED will surface mount.
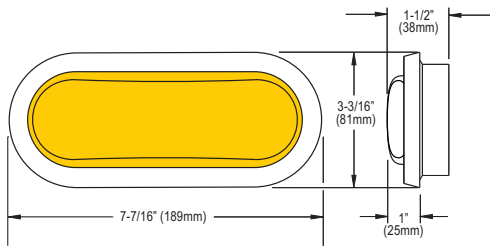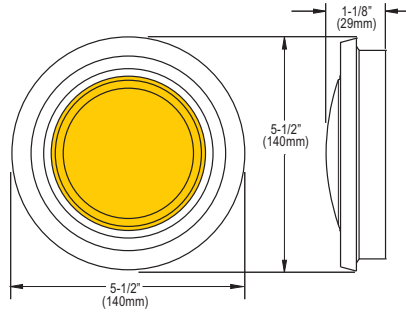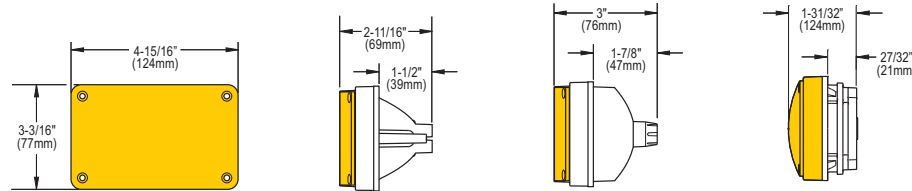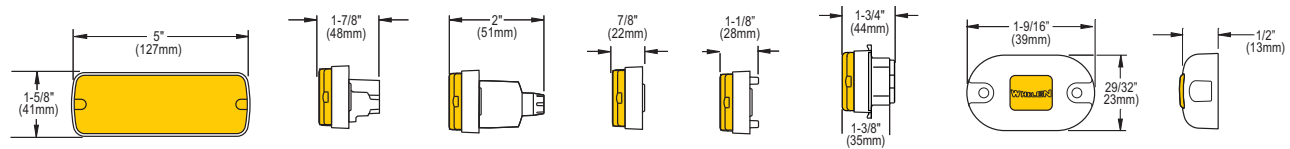
WHELEN®

DIMENSIONS

5G Series

2G Series

Note: 2G and 5G dimensions shown with grommets.

400 Series
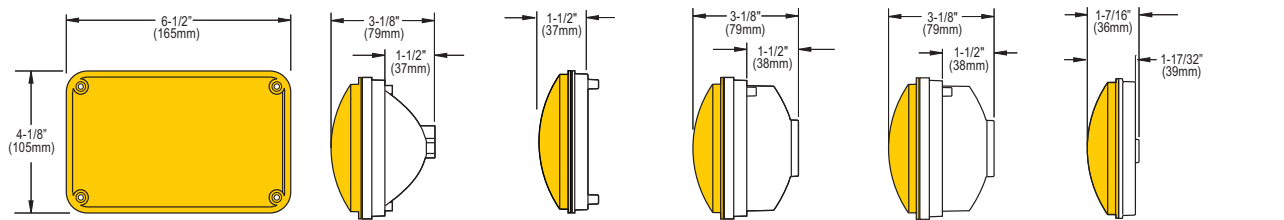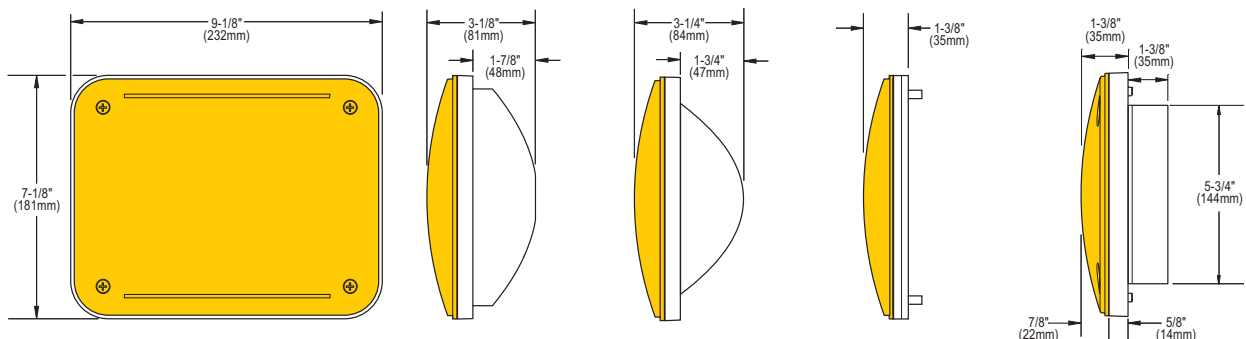
	Strobe	Halogen	Linear-LED

500 Series

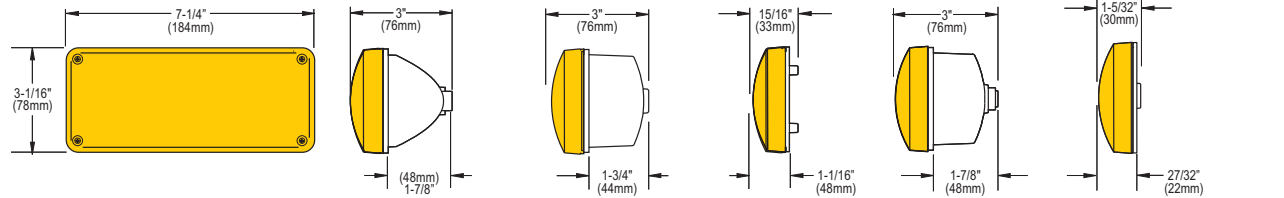|	Strobe	Halogen	LED	TIR6 LED	Linear-LED

0S Series

600 Series

	Strobe	LED	Halogen	Brake/Tail/Turn	Linear-LED

700 Series

	Strobe	Halogen	LED	Brake/Tail/Turn	Linear-LED

900 Series

	Strobe	Halogen	LED	Linear-LED

WHELEN®

DIMENSIONS

8" Round Series

1-7/16" (37mm)
7-5/16" (185mm)
8-5/8" (218mm)
9/16" (15mm)
7/8" (23mm)

810 Series

10" (254mm)
2" (50mm)
8" (203mm)

508 Series

8-5/8" (220mm)
2" (50mm)
5" (127mm)

LINZ6™ Series

2" (51mm)
13/16" (20mm)
1" (26mm)
1" (26mm)

TIR3™/LIN3™ Series

3-5/8" (91mm)
1-5/16" (34mm)

2" Round Series

2" (51mm)
1-3/4" (45mm)
7/8" (22mm)
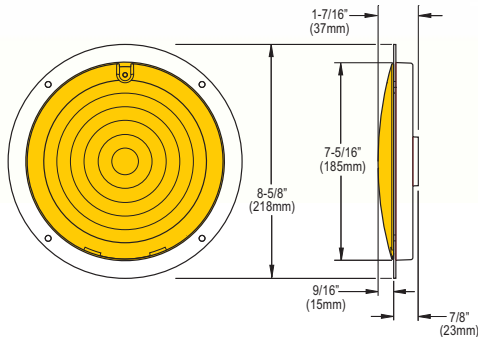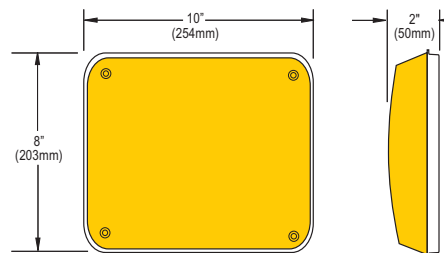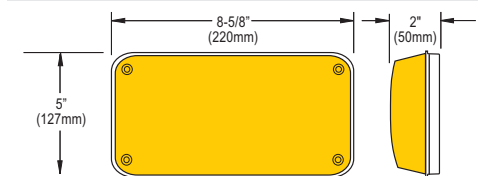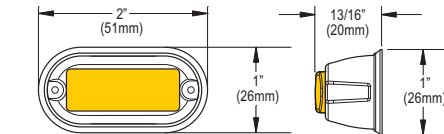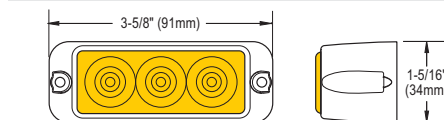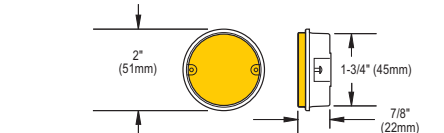
4" Round Series   Flat Lens   Extended Lens
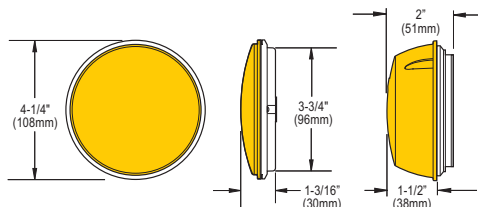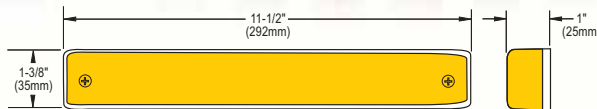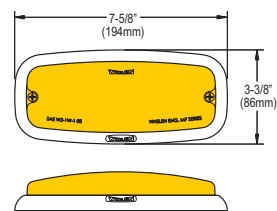
4-1/4" (108mm)
3-3/4" (96mm)
2" (51mm)
1-3/16" (30mm)
1-1/2" (38mm)

Strip-Lite™ Series

11-1/2" (292mm)
1" (25mm)
1-3/8" (35mm)

M7 Series

7-5/8" (194mm)
3-3/8" (86mm)
1-3/8" (36mm)

M9 Series

6-1/2" (165mm)
10-5/16" (263mm)
1-3/8" (36mm)

M6 Series

4-5/16" (109mm)
6-11/16" (170mm)
1-3/8" (36mm)

M4 Series

5-1/2" (139mm)
1-3/8" (35mm)
3-3/8" (86mm)
1-3/8" (36mm)

86CE1 Series

8-3/16" (208mm)
1-1/4" (32mm)
6-7/16" (163mm)
15/16" (24mm)

8635CU Series

8-3/16" (208mm)
2-3/4" (70mm)
6-7/16" (163mm)
1-5/8" (41mm)
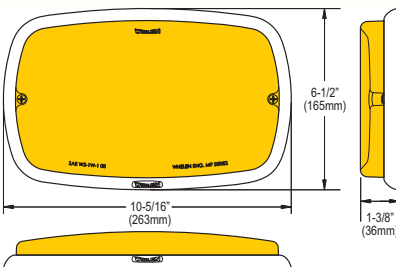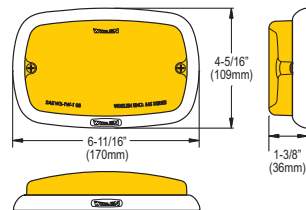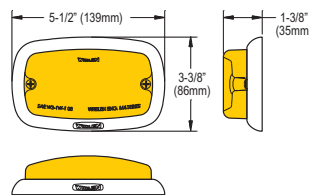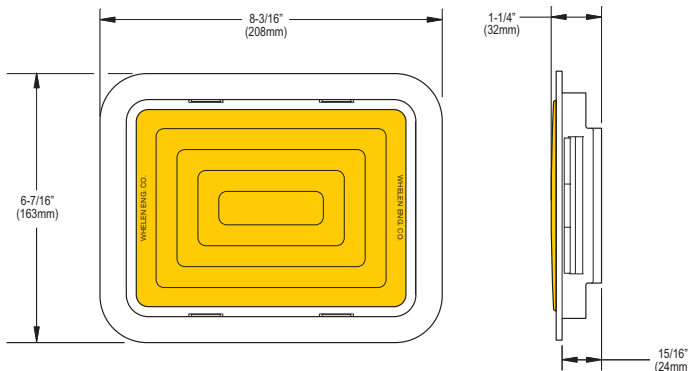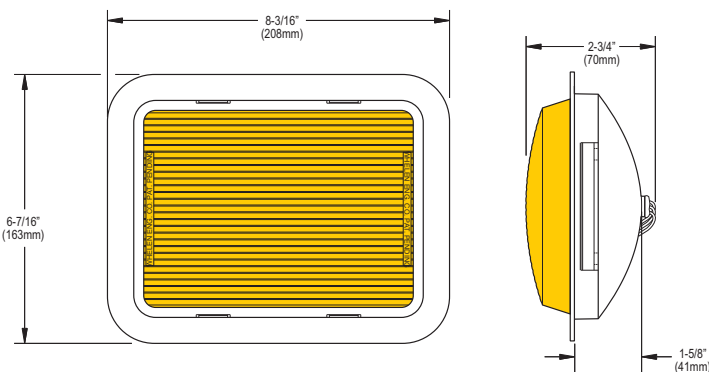
Certifications

Providing the finest, certified lighting for our customers is a priority at Whelen Engineering. As we are constantly upgrading and testing our products, it is impossible to print a document with all of the current information. Many of the lightheads shown in this catalog are certified but do not show that letter key at this time. Our customer service representatives will be happy to answer any questions you have on the current status of any lighthead and provide the proper documentation if needed.

Current lighthead certifications are keyed next to lighthead photo.

If certification is not shown, contact factory.

A......**KKK 1822-F** - Federal Ambulance Specification

B ....**CAC, Title 13, Article 22** (red, blue and amber lightheads)

Warning Lamps and Devices

C ....**SAE J595** - Flashing Warning Lamps for Authorized Emergency, Maintenance, and Service Vehicles (Jan 2005)

D ....**SAE J845** - Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles (May 97) Class 1, Class 2, Class 3

E.....**SAE J1318** - Gaseous Discharge Warning Lamp for Authorized Emergency, Maintenance, and Service Vehicles (May 98) Class 1, Class 2, Class 3

Test Procedures and Materials

F.....**SAE J575** - Test Methods and Equipment for Lighting Devices & Components for use on Vehicles less than 80" (2032mm) in Overall width (Jun 92)

G ....**SAE J2139** - Test Methods and Equipment for Lighting Devices & Components for use on Vehicles greater than 80" (2032mm) in Overall width (Jan 96)

H ....**SAE J578** - Color Specifications (Jun 95)

Signalling and Marking Lighting Devices and Systems

I .....**FMVSS108** - Federal Motor Vehicle Safety Standards

J.....**SAE J586** - Stop Lamps for Use on Motor Vehicles Less than 80" (2032mm) in Overall width (Sep 95)

K ....**SAE J585** - Tail Lamps (Rear position Lamps) for Use on Motor Vehicles Less than 80" (2032mm) in Overall width (Dec 94)

L.....**SAE J588** - Turn Signal Lamps for Use on Motor Vehicles Less than 80" (2032mm) in Overall width (Dec 94)

M ...**SAE J592** - Clearance, Side Marker, Identification Lamps (Dec 94)

N ....**SAE J593** - Back-up Lamps (Reversing Lamps) (Oct 95)

N(A) **SAE J593C** - Back-up Lamps (Reversing Lamps) (Feb 68)

O ....**SAE J914** - Side Turn Signal Lamps for Vehicles less than 36' (12m) in Length (Jan 95)

P ....**SAE J1432** - High Mounted Stop Lamps for Use on Vehicles 80" (2032mm) or More in Overall Width (Sept 97)

Q ....**SAE J1889** - LED Lighting Devices (Jun 99)

R ....**SAE J1957** - Center High Mounted Stop Lamp Standard for Vehicles Less than 80" (2032mm) in Overall Width (Jun 93)

S ....**SAE J2039** - Side Turn Signals Lamps for Large Vehicles (Jun 94)

T.....**SAE J2040** - Tail Lamps (Rear Position Lamps) for Use on Vehicles 80" (2032mm) or More in Overall Width (Apr 99)

U ....**SAE J2042** - Clearance, Side Marker, and Identification Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width (Jun 96)

V ....**SAE J2261** - Stop Lamps and Front and Rear-Turn Signal Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width (Mar 96)

W ...**NFPA 1901** - (2003 Edition) For NFPA application-consult current NFPA Specification Lighting Packages Catalog

X ....**SAE J1398** - Stop Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width

Y ....**SAE J1395** - Turn Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width

AMP DRAW CHART

This chart shows the average, maximum and high or low current draw of Whelen's lightheads. Because color and flash patterns effect current draws, all warning lightheads listed in this chart are amber in color and are measured in the SignalAlert™ default flash pattern.

Lighthead	Lamp Type	SmartLED or flasher	High / Max	Low / Average
M Series Warning Page 2				
M4	Linear-LED	SmartLED	1.5A (max)	0.6A (avg)
M6	Linear-LED	SmartLED	2.25A (max)	0.9A (avg)
M7	Linear-LED	SmartLED	2.25A (max)	0.9A (avg)
M9	Linear-LED	SmartLED	3A (max)	1.2A (avg)
Linear-LED Warning Page 3				
LIN3	Linear-LED	SmartLED	400mA (max)	126mA (avg)
LINZ6	Linear-LED	SmartLED	750mA (max)	300mA (avg)
400 Single	Linear-LED	Flasher	750mA (max)	300mA (avg)
400 Dual Level	Linear-LED	SmartLED	1.36A (max)	540mA (avg)
500	Linear-LED	SmartLED	1A (max)	400mA (avg)
600	Linear-LED	Flasher	1.52A (max)	600mA (avg)
600	Linear-LED	SmartLED	1.5A (max)	600mA (avg)
700	Linear-LED	Flasher	1.52A (max)	600mA (avg)
700	Linear-LED	SmartLED	1.5A (max)	600mA (avg)
900	Linear-LED	Flasher	3A (max)	1.2mA (avg)
900	Linear-LED	SmartLED	3A (max)	1.2mA (avg)
Split LED Warning Page 4				
LINZ6	Linear-LED	SmartLED	750mA	300mA
M4	Linear-LED	SmartLED	.75A (per side)	.3A (per side)
M6	Linear-LED	SmartLED	1.25A (per side)	.45A (per side)
M7	Linear-LED	SmartLED	1.125A (per side)	.45A (per side)
M9	Linear-LED	SmartLED	1.5A (per side)	.60A (per side)
500	TIR6	SmartLED	.315A (per side)	.125A (per side)
500	TIR6	SmartLED	.450A (per side)	.180A (per side)
600	Linear-LED	SmartLED	750mA (per side)	300mA (avg)
700	Linear-LED	SmartLED	750mA (per side)	300mA (avg)
900	Linear-LED	SmartLED	150mA (per side)	600mA (avg
TIR Warning Page 5				
TIR3	TIR3	SmartLED	400mA (max)	160mA (avg)
4" Round	TIR6	SmartLED	630mA (max)	315mA (avg)
500	TIR6	SmartLED	630mA (max)	315mA (avg)
LED Warning Page 6				
OS	LED	SmartLED	-	300mA (avg)
2" Round	LED	SmartLED	80mA (max)	50mA (avg)
4" Round	LED	SmartLED	600mA (max)	300mA (avg)
2G	LED	SmartLED	.5A (max)	.3A (avg)
5G	LED	SmartLED	.7A (max)	.28A (avg)
400	LED	SmartLED	.5A (max)	.3A (avg)
500	LED	SmartLED	450mA (max)	18mA (avg)
600	LED	SmartLED	1.10A (max)	440mA (avg)
700	LED	SmartLED	750mA (max)	300mA (avg)
900	LED	SmartLED	2.25A (max)	900mA (avg)
Strip-Lite	LED	SmartLED	700mA (max)	350mA (avg)
Halogen Warning Page 7				
400	Halogen	Flasher	2.5A (max)	-
500	Halogen	Flasher	2.75A (max)	-
600	Halogen	Flasher	5A (max)	-
700	Halogen	Flasher	5A (max)	-
900	Halogen	Flasher	5A (max)	-
Strobe Warning Page 8				
All strobe lightheads Amp draws are Power Supply Dependent				
Surface Mount Warning Page 9				
508	Strobe		Dependent upon Power Supply	
508	Halogen	Flasher	5A (high)	-
810	Strobe		Dependent upon Power Supply	
810	Halogen	Flasher	5A (high)	-
Brake/tail/turn - Incandescent Page 10				
500	Incandes-cent	N/A	2.2A (high)	575mA (low)
600	Incandes-cent	N/A	2.2A (high)	575mA (low)
700	Incandes-cent	N/A	2.2A (high)	575mA (low)
900	Incandes-cent	N/A	2.2A (high)	575mA (low)

Lighthead	Lamp Type	SmartLED or flasher	High / Max	Low / Average
LED Brake/tail/turn Page 11				
M6	Super-LED	N/A	0.85A (Brake)	0.06A (Turn)
M9	Super-LED	N/A	0.75A (Brake)	.055A (Turn)
2G	LED	N/A	250mA (high)	30mA (low)
5G	LED	N/A	320mA (high)	20mA (low)
400	LED	N/A	400mA (high)	60mA (low)
500	LED	N/A	250mA (high	50mA (low)
600	LED	N/A	750mA (high)	60mA (low)
700	LED	N/A	550mA (high	60mA (low)
900	LED	N/A	1.75A (high)	70mA (low)
Strip-Lite	LED	N/A	500mA (high)	50mA (low)
Strip-Lite w/turn	LED	N/A	225mA (turn) 150mA (brake) 40mA (tail)	
Turn Signals Page 12				
600	Halogen	N/A	2.2A (high)	575mA (low)
700	Halogen	N/A	2.2A (high)	575mA (low)
900	Halogen	N/A	2.2A (high)	575mA (low)
M6	Super-LED	N/A	0.75A (max)	-
M9	Super-LED	N/A	1.2A (max)	-
400	LED	N/A	400mA (max)	60mA (avg)
600	LED	N/A	700mA (max)	350mA (avg)
700	LED	N/A	900mA (max)	450mA (avg)
900	LED	N/A	1.25A (max)	1A (avg)
Back-up Lights Page 13				
600	Halogen	N/A	2.5A (max)	-
700	Halogen	N/A	2.5A (max)	-
900	Halogen	N/A	2.5A (max)	-
M6	Super-LED	N/A	1.6A (max)	-
M9	Super-LED	N/A	1.8A (max)	-
400	LED	N/A	350mA (max)	-
500	LED	N/A	350mA (max)	-
5G	LED	N/A	150mA (max)	-
600 Minimum	LED	N/A	350mA (max)	-
600 Maximum	LED	N/A	600mA (max)	-
700 Minimum	LED	N/A	350mA (max)	-
700 Maximum	LED	N/A	500mA (max)	-
Multi-Purpose Lights Page 14				
OS Illumination	Super-LED	N/A	-	60mA (avg)
OS Marker/Clearance	LED	N/A	-	30mA (avg)
Vertex	Super-LED	N/A	.750A (max)	.30 A (avg)
2" Round	LED	N/A	25mA (max)	
2G Compartment	LED	N/A	525mA (max)	
5G Compartment	LED	N/A	525mA (max)	
500 Clearance	LED	N/A	50mA (max)	-
Strip-Lite	LED	N/A	450mA (max)	-
Interior Lights Page 15				
8635CU	Halogen	N/A	3A (high)	1A (low)
CL25C	Halogen	N/A	2A (high)	-
86CE1	LED	N/A	2A (high)	.20A (low)
8" Round 9 diode	LED	N/A	1.5A (high)	.15A (low)
8" Round 6 diode (red)	LED	N/A	1A (high)	.1A (low)
8" Round 3 diode (red)	LED	N/A	.5A (high)	.05A (low)
Scenelights Page 16				
508	Halogen	N/A	5A (high)	-
810	Halogen	N/A	5A (high)	-
600	Halogen	N/A	2.75A (max)	-
700	Halogen	N/A	2.75A (max)	-
900	Halogen	N/A	4.75A (max)	-
600	Super-LED	N/A	2.0A (max)	-
700	Super-LED	N/A	2.0A (max)	-
900 12 diode	Super-LED	N/A	2.0A (max)	-
900 24 diode	Super-LED	N/A	4.0A (max)	-
M6	Super-LED	N/A	2A (max)	-
M9	Super-LED	N/A	3A (max)	-

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