

# WHELEN<sup>®</sup>

## EDGE<sup>®</sup> ULTRA

SERIES STROBE LIGHTBARS

*Designed &  
Manufactured  
in the U.S.A.\**



Officially Licensed  
Warning Lights of  
NASCAR<sup>®</sup>



# EDGE® ULTRA LIGHTBARS

Edge Ultra is classic Edge styling with a slightly wider footprint providing greater stability and weight distribution. But take a closer look and you'll discover it's a completely new lightbar with a host of new features! Ultra starts with new modular architecture with "snap-in/lock-in" components and an internal wiring harness that lets you select the exact strobe, LED and halogen warning configuration you require. Lenses and lamp modules are of equal size so that they can be placed anywhere on the lightbar. This wide selection of light sources and configurations gives you a custom lightbar with "off-the-shelf" convenience, that is easily upgradeable later. Now, as never before, you can easily build the exact lightbar you've been looking for.

## Edge Ultra "LC" Strobe Series Lightbars

**Top of the line strobe performance, packed with features, plenty of options and low current operation!**

- Classic Edge profile with a slightly wider stance and are available in four, six, eight, ten or twelve strobe models.
- Easily upgradeable. For example, buy a four-strobe version today, and then add up to eight more strobe modules at a later date.
- All inboard modular Snap-in/Lock-in lamp modules and slide-in lenses are interchangeable and can be placed anywhere on the lightbar.
- Simply remove eight end cap screws for easy access to all internal components.
- Low "LC" Current operation uses a small diameter external cable harness for easier installation and operation with standard or low current switch controls or micro switches.
- Internal cabling allows complete customization of the lightbar at any time and internal electronics allows for twenty-two gauge external wiring for all switching functions.
- Strobe power supplies located on the ends of the lightbar for ease of access and providing ten externally selectable flash patterns using Scan-Lock™ momentary selection switching.
- Optional secondary warning lamp modules available are all strobe, all halogen, all LED; or combination: strobe over halogen, strobe over LED, halogen over halogen, LED over LED, and brake/tail/turn.
- End caps with clear lenses and color inner filters allow individual color selection of front and rear end warning lamps. Color filters are also available for duplex light modules.
- 5 year HDP® (Heavy-Duty Professional) warranty on power supply, 2 year warranty on strobe tubes.
- Three standard lengths are: 44" (44.38"), 50" (49.75") and 55" (55.13"). Custom lengths available: 60", 66", 72", 77", 82", 88", 93" & 98".
- Pre-wired with 15' passenger side exit cable. Optional driver side cable exit is available.
- Design your own lightbar in your choice of strobe, halogen and LED modules or Optional built-in LED or halogen Traffic Advisors™ and Smart Arrow Messenger®.
- Optional Strap Mounting Kits available for a wide variety of vehicles.
- Certified by AMECA to meet SAE Class I and California Title XIII requirements.



LC FEATURES

## SCANLOCK

At any time easily scan through nine flash patterns and lock in the one you want.

- CometFlash® 150
- TripleFlash™ 185
- DoubleFlash 220
- SingleFlash 480
- ActionFlash™
- ModuFlash™
- MicroBurst II™
- MicroBurst III™
- LongBurst™
- (constant "on" look)
- ActionScan™



# EDGE® ULTRA LIGHTBARS

**WHELEN®**  
"Engineers for the Emergency Warning Industry"



**EDGE®**



Edge Ultra 9U with optional LED light modules



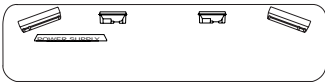
TAD9L06 Built-in Duplex Halogen Traffic Advisor™

## Standard Model Configurations



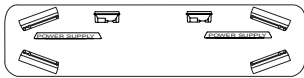
### 9U24 Series

One power supply, four corner strobes (2 front/2 rear)  
9U244000 (44"), 9U248000 (50"), 9U242000 (55")



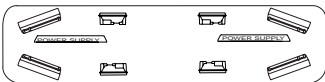
### 9U24-F Series

One power supply, four front facing strobes.  
9U24400F (44"), 9U24800F (50"), 9U24200F (55")



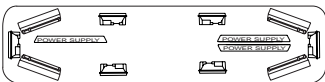
### 9U36 Series

Two power supplies, six strobes (4 front/2 rear)  
9U368000 (44"), 9U364000 (50"), 9U362000 (55")



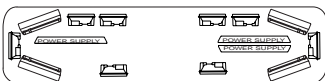
### 9U38 Series

Two power supplies, eight strobes (4 front/4 rear)  
9U384000 (44"), 9U388000 (50"), 9U382000 (55")



### 9U40 Series

Three power supplies, ten strobes (4 front/4 rear/2 end)  
9U404000 (44"), 9U408000 (50"), 9U402000 (55")



### 9U42 Series

Three power supplies, twelve strobes (6 front/4 rear/2 end)  
9U424000 (44"), 9U428000 (50"), 9U422000 (55")

## EDGE ULTRA LEGEND

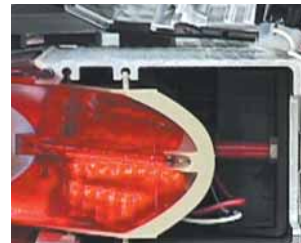


Ultra Lightbars offer optional Traffic Advisors to the rear of the lightbar to direct traffic flow during warning situations.

All Ultra Lightbars offer modular design for easy maintenance.



All lighthouse modules are the same size and can be placed anywhere in the lightbar.



End strobe modules slide in the channels of the extruded aluminum housing.



Lighthouse modules snap in for a tight secure fit.



Mate-N-Lok® connectors snap together for easy lighthouse replacement or additions.

To help you build your Ultra Lightbar, Whelen's "WeCad" build-a-bar program is available on our Website at:

[www.whelen.com](http://www.whelen.com)

**#1**  
**WHELEN®**  
In Strobe & LED Technology

# EDGE® ULTRA LIGHTBARS OPTIONS

LEGEND  
✓ = Available

OPTIONS DESCRIPTION	MODEL	ULTRA-LC					
		9U24	9U24-F	9U36	9U38	9U40	9U42
Driver side cable exit, includes 25' power/ground cable	9UDSCBL	✓	✓	✓	✓	✓	✓
Two halogen alley lights	9LALY	✓	✓	✓	✓	✓	✓
Two duplex halogen alley lights	9LDALY	-	-	✓	✓	✓	✓
Two halogen take-down lights	9LTD2	✓	✓	✓	✓	✓	✓
Two duplex halogen take-down lights	9LDTD2	-	-	✓	✓	✓	✓
One halogen take-down light	9LTD1	✓	✓	✓	✓	✓	✓
Flashing take-down & flashing alley light enable module, requires purchase of take-down and/or alley lights	9LFTA	✓	✓	✓	✓	✓	✓
Piercer II™, dual strobe, nose piece with built-in power supply	PRL1S**	✓	✓	✓	✓	✓	✓
PierceAlert™, twin oscillating lamp assemblies, color and/or clear housing with color windows	PRL2***	✓	✓	✓	✓	✓	✓
One LED California steady red identification light	9LCRLED	✓	✓	✓	✓	✓	✓
One halogen California steady red identification light, red or blue	9LC*L	✓	✓	✓	✓	✓	✓
Two LED flashing lights, front facing, red, amber, blue &/or white	9LFFL**	✓	✓	✓	✓	✓	✓
Two duplex LED flashing lights, front facing, red, amber, blue &/or white	9LDFFL**	-	-	✓	✓	✓	✓
Two LED flashing lights, rear facing, red, amber, blue &/or white	9LRFI**	✓	✓	✓	✓	✓	✓
Two Duplex LED flashing lights, rear facing, red, amber, blue &/or white	9LDRFL**	-	-	✓	✓	✓	✓
Two halogen flashing lights, front facing	9LFFI	✓	✓	✓	✓	✓	✓
Two duplex halogen flashing lights, front facing	9LDFFI	-	-	✓	✓	✓	✓
Two halogen flashing lights, rear facing	9LRFI	✓	✓	✓	✓	✓	✓
Two duplex halogen flashing lights, rear facing	9LDRFI	-	-	✓	✓	✓	✓
LED cruise lights	9MCRUISE	✓	✓	✓	✓	✓	✓
Four cruise lights	9LCRUISE	✓	✓	✓	✓	✓	✓
55" Edge® Ultra lightbar pre-wired for 3M® model 9592 Opticom®	9UOPTI55	✓	✓	✓	✓	✓	✓
49.75" Edge Ultra lightbar pre-wired for 3M model 9592 Opticom	9UOPTI49	✓	✓	✓	✓	✓	✓
3M Emitter for Edge and Edge+Plus™ lightbars, refer to 3M Opticom Emitters section for pricing	9592	✓	✓	✓	✓	✓	✓
Printed sign for Edge lightbar	9LSIGNP	✓	✓	✓	✓	✓	✓
LED backlighted sign for Edge lightbar, amber	9LSIGNL	✓	✓	✓	✓	✓	✓
Built-in LED Traffic Advisor™, programmable flash patterns standard with two lens sections (not available in all models).	TA9LLED	✓	✓	✓	✓	✓	✓
Built-in duplex LED Traffic Advisor, programmable flash patterns standard with two lens sections (not available in all models).	TAD9LLED	✓	✓	✓	✓	✓	✓
Built-in halogen duplex 5 lamp LED Traffic Advisor for 44" lightbars, programmable flash patterns standard with three lens sections (not available in all models).	TAD9LLD5	✓	✓	✓	✓	✓	✓
Built-in halogen Traffic Advisor, programmable flash patterns standard with two lens sections (not available in all models).	TA9L00A	✓	✓	✓	✓	✓	✓
Built-in duplex halogen Traffic Advisor, programmable flash patterns standard with two lens sections (not available in all models).	TAD9L00A	✓	✓	✓	✓	✓	✓
Half color filter for strobe or halogen duplex modules	9HFIL*	✓	✓	✓	✓	✓	✓
Corner color filter for use with clear end cap	9UECFIL*	✓	✓	✓	✓	✓	✓
Optional lens section, glued	LENSGLUE	✓	✓	✓	✓	✓	✓
Custom length up to 98" (Insert required length in model # 60", 66", 72", 77", 82", 88", 93", or 98")	9LLTH_ _	✓	✓	✓	✓	✓	✓
Bulk Package of 18 Edge® Ultra Series Lightbars, in place of standard individually boxed lightbars	FLBULK18	✓	✓	✓	✓	✓	✓
Built-in Smart Arrow Messenger® Series	MGM02	✓	✓	✓	✓	✓	✓

Please note: The selection of one option may preclude the selection of another option.

\* = Select Color: A - Amber, B - Blue, C - Clear/White, G - Green, R - Red.

All the options you need to customize your lightbar. With Ultra's modular design, you can add options now, and more at a later date.



Alley Light



Halogen Flasher



Duplex Strobe Over Duplex Alley Light



LED Flasher



Take-Down Flasher



Linear Strobe/LED Duplex Lighthouse



Linear Strobe



Built-in LED Traffic Advisor



Built-in Duplex Halogen Traffic Advisor



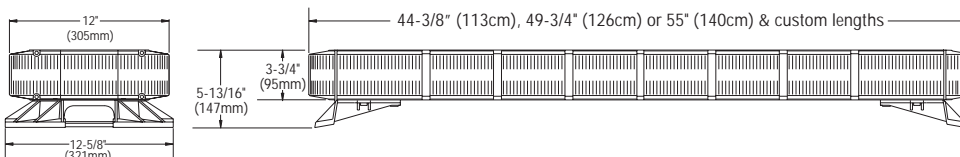
Edge Ultra with LEDs front view



Edge Ultra with LEDs rear view



Designed & Manufactured in the U.S.A.\*



# WHELEN®

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\* Some back-up alarms are custom made for Whelen in Canada.

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