

# WHELEN<sup>®</sup>

## EDGE<sup>®</sup> 9M

### SERIES LIGHTBARS

*All Whelen Products  
are proudly made  
in the U.S.A.*



# EDGE® 9M LIGHTBARS

The Edge 9M, built on the classic Edge 9000® extruded aluminum I-Beam chassis, the 9M Series is a highly effective, user friendly and cost efficient addition to the Edge family. Available in four, six, eight, ten or twelve strobe versions, 9M features modular construction “snap-in/lock-in” components for ease of service and exchange or upgrade. Patented Scan-Lock™ flash pattern control is available, along with a wide choice of Traffic Advisor™ models.

**WHELEN® EDGE®**



## Edge 9M Series Lightbars

- Classic Edge proportions with straightforward, modular construction for changes, upgrades or service.
- Modular design. Lamp modules and slide-in lenses are of equal size and can be placed anywhere in the lightbar.
- Models include 4, 6, 8, 10, or 12 strobe lightheads plus up to 10 secondary warning, halogen or LED modules. Optional built-in Traffic Advisor™ in strobe, LED or halogen versions.
- End caps with clear lenses and color inner filters allow individual color selection of front and rear strobes. Color filters are also available for duplex light modules.
- Optional Scan-Lock™ flash pattern control (using an external connection) toggle through 10 strobe, 6 halogen or 16 LED flash patterns, and lock in the pattern you select. Selected pattern is stored in non-volatile memory until you decide to change.
- Optional flashing LED lightheads and flashing or steady halogen lightheads.
- Up to two LED/Halogen flasher boards per bar. Each runs up to 4 lightheads and includes steady-burn over-ride for one pair of lights to be used for flashing take-downs, etc.
- Select up to 3 strobe power supplies (60 watt output each) and 2 flasher boards per lightbar. Scan-Lock allows each power supply and flasher board to be programmed in a different flash pattern.
- Most options are available in kit form, field-upgradeable by distributor, installer or user.
- Pre-wired with passenger side exit 15' external cable harness. Includes two (8 gauge) power cables to the battery & sixteen low power (22 gauge) function wires for connection to the customer supplied switch control. These low power function wires need less than 1/2 amp to operate, allow for simple operational independence of each lightbar control function and make wiring a snap! Optional driver side cable exit with 25' power cable.
- Mini 9M lightbar available in four or six strobe versions in magnetic or permanent mount. Permanent mount available with a wide variety of gutter mounting options (See price list).
- All models meet or exceed SAE Class 1 and California Title XIII requirements.
- Size: 3-3/4" (95mm) H x 10" (254mm) W x 44-3/8" (112cm) or 49-3/4" (126cm) or 55-1/8" (140cm) L. These three standard lengths are generically called 44", 50" & 55" respectively.
- Custom lengths are 60", 66", 72", 77", 82", 88", 93" and 98". Contact factory for additional lengths.
- 2 year warranty on power supply and strobe tubes.
- 5 year warranty on LED modules.

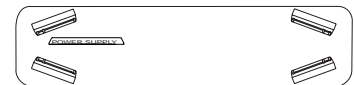
9M FEATURES

**SCANLOCK™**

At any time easily scan through 9 flash patterns & lock in the one you want.

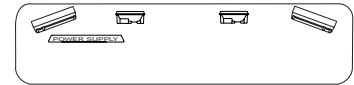
- CometFlash®
- TripleFlash™
- DoubleFlash
- RapidRate™
- ActionFlash™
- ModuFlash™
- MicroBurst II™
- MicroBurst III™
- LongBurst™
- (constant “on” look)

### Standard Model Configurations



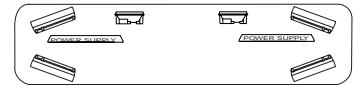
#### 9M14 Series

One Power Supply, Four Corner Strobes  
9M144000 (44"), 9M148000 (50"), 9M142000 (55")



#### 9M14-F Series

One Power Supply, Four Front Facing Strobes  
9M14400F (44"), 9M14800F (50"), 9M14200F (55")



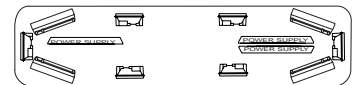
#### 9M26 Series

Two Power Supplies, Six Strobes  
9M264000 (44"), 9M268000 (50"), 9M262000 (55")



#### 9M28 Series

Two Power Supplies, Eight Strobes  
9M284000 (44"), 9M288000 (50"), 9M282000 (55")



#### 9M30 Series

Three Power Supplies, Ten Strobes  
9M304000 (44"), 9M308000 (50"), 9M302000 (55")



#### 9M32 Series

Three Power Supplies, Twelve Strobes  
9M324000 (44"), 9M328000 (50"), 9M322000 (55")

#### 9M LEGEND



# EDGE® 9M LIGHTBARS



## 9M Mini Edge® Series Lightbars

- Four or six strobes models, mini size useful where space is at a premium.
- Includes internal strobe power supply.
- Permanent mount with 15' cable or magnetic mount.
- Extruded aluminum I-Beam chassis will not sag, warp or bend.
- 2 year power supply and strobe tube warranty, 5 years on LED modules.
- Overall dimensions 3-3/4" (95mm) H x 10" (254mm) W x 28-1/2" (72cm) L.



**Note:** The use of a magnetic or suction mounted lightbar on the roof of a vehicle in motion is not recommended and is at the sole discretion and risk of the user.

## All 9M Lightbars offer Modular Design.



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



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



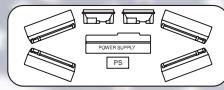
Lighthouse modules snap in for a tight secure fit.



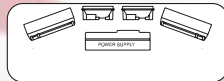
Mate-N-Lok® connectors snap together for easy lighthouse replacement or additions.



**9MMEDGEP / 9MMEDGEM**  
2 Front & 2 Rear Strobes  
Permanent or Magnetic Mount

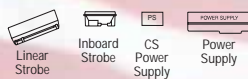


**9MMEDG6P / 9MMEDG6M**  
4 Front & 2 Rear Strobes  
Permanent or Magnetic Mount



**9MMEDFFD**  
4 Front Strobes, Permanent Mount

### LEGEND

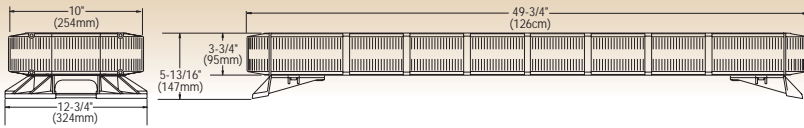


Designed & Manufactured in the U.S.A.



To help you build your 9M Lightbar, Whelen's "Lightbar Wizard" build-a-bar program is available on disk or on our Website at:  
[www.whelen.com](http://www.whelen.com)

# EDGE® 9M LIGHTBAR OPTIONS



OPTION DESCRIPTION	MODEL	9M LIGHTBARS						MINI	
		9MT4	9MT4-F	9M26	9M28	9M30	9M32	9MMEDGE	9MMEDGE6
15' five conductor cable for individual Scan-Lock™ flash patterns of each power supply and flasher module.	9MSCANLK	✓	✓	✓	✓	✓	✓	-	-
Driver side cable exit, includes 25 power/ground cable	9MDSCBL	✓	✓	✓	✓	✓	✓	✓	-
Lo-Pro™ speaker	SA40	✓	✓	✓	✓	✓	✓	✓	-
Two halogen alley lights	9MALY	✓	✓	✓	✓	✓	✓	✓	✓
Two duplex halogen alley lights	9MDALY	✓	✓	✓	✓	✓	✓	-	-
One halogen take-down lights	9MTD1	✓	✓	✓	✓	✓	✓	-	-
Two duplex halogen take-down lights	9MDTD2	✓	✓	✓	✓	✓	✓	-	-
Two halogen take-down lights	9MTD2	✓	✓	✓	✓	✓	✓	✓	✓
Two halogen lights, includes flasher with steady-burn priority mode	9MH2**	✓	✓	✓	✓	✓	✓	-	-
Two duplex halogen lights	9MDH2**	✓	✓	✓	✓	✓	✓	-	-
Four halogen lights	9MH4****	✓	✓	✓	✓	✓	✓	✓	✓
Four duplex halogen lights	9MDH****	✓	✓	✓	✓	✓	✓	-	-
Two LED panels	9ML2**	✓	✓	✓	✓	✓	✓	✓	✓
Two Duplex LED panels	9MDL2**	✓	✓	✓	✓	✓	✓	-	-
Four LED panels	9ML4****	✓	✓	✓	✓	✓	✓	✓	-
Four duplex LED panels	9MDL****	✓	✓	✓	✓	✓	✓	-	-
Two halogen lights and two LED panels	9MC4****	✓	✓	✓	✓	✓	✓	✓	-
Two duplex halogen lights & two duplex LED panels, with flasher & steady-burn priority mode for one set of lights, 2 red and/or amber LEDs	9MDC****	✓	✓	✓	✓	✓	✓	-	-
Two LED Brake/Turn/Tail panels includes wiring harness	9MBTTLED	✓	✓	✓	✓	✓	✓	-	-
Two duplex LED Brake/Turn/Tail panels includes wiring harness	9MDBTTLD	✓	✓	✓	✓	✓	✓	-	-
Piercer II™ dual strobe nose piece with built-in power supply	PRM1S**	✓	✓	✓	✓	✓	✓	✓	-
PierceAlert™, twin oscillating lamp, clear housing with clear or color lens	PRM2***	✓	✓	✓	✓	✓	✓	✓	-
LED cruise lights	9MCRUISE	✓	✓	✓	✓	✓	✓	-	-
Printed sign	9MSIGNP	✓	✓	✓	✓	✓	✓	✓	✓
Lighted sign	9MSIGNL	✓	✓	✓	✓	✓	✓	✓	✓
Lightbar pre-wired for 3M® Model 9592 Opticom®	9UOPTI44 44	✓	✓	✓	✓	✓	✓	✓	✓
3M® Emitter for Edge® and Edge+Plus™ lightbars	9592	✓	✓	✓	✓	✓	✓	✓	✓
Built-in 5 halogen lamp Traffic Advisor™ w/control head, 44" lightbar, 3 lens sections	TA9M05H	✓	✓	✓	✓	✓	✓	-	-
Built-in 5 duplex halogen lamp TA with control head, 44" lightbar, 3 lens sections	TAD9M05H	✓	✓	✓	✓	✓	✓	-	-
Built-in 6 halogen lamp Traffic Advisor with control head, 2 lens sections	TA9M06H	✓	✓	✓	✓	✓	✓	-	-
Built-in 6 duplex halogen lamp Traffic Advisor with control head, 2 lens sections	TAD9M06H	✓	✓	✓	✓	✓	✓	-	-
Two Built-in 6 Lamp Halogen Traffic Advisors (1 Front & 1 Rear), single control head with nine auxiliary switches for LC switching	TA9MFR6H	✓	✓	✓	✓	✓	✓	-	-
Built-in 5 LED Traffic Advisor with control head, 44" Lightbar, 3 lens sections	TA9M05L	✓	✓	✓	✓	✓	✓	-	-
Built-in 5 duplex LED Traffic Advisor w/control head, for 44" lightbar, 3 lens sections	TAD9M05L	✓	✓	✓	✓	✓	✓	-	-
Built-in 6 LED Traffic Advisor with control head, 2 lens sections	TA9M06L	✓	✓	✓	✓	✓	✓	-	-
Built-in 6 duplex LED Traffic Advisor with control head, 2 lens sections	TAD9M06L	✓	✓	✓	✓	✓	✓	-	-
Built-in 5 strobe Traffic Advisor two wire control, includes power supply, for 44" lightbar, 3 Lens sections	TA9M05S	✓	✓	✓	✓	✓	✓	-	-
Built-in 5 duplex strobe Traffic Advisor two wire control, includes power supply, for 44" lightbar, 3 lens sections	TAD9M05S	✓	✓	✓	✓	✓	✓	-	-
Built-in 6 strobe Traffic Advisor, two wire control, with power supply. 2 lens sections	TA9M06S	✓	✓	✓	✓	✓	✓	-	-
Built-in 6 duplex strobe TA, two wire control, with power supply, 2 lens sections	TAD9M06S	✓	✓	✓	✓	✓	✓	✓	✓
Half color filters for use with 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")	9MLTH_ _	✓	✓	✓	✓	✓	✓	-	-
Built-in Smart Arrow Messenger® Series	MGM02	✓	✓	✓	✓	✓	✓	-	-

All the options you need to customize your lightbar to your own needs. With 9M's modular design, you can add options now, or at a later date!



Alley Light



Duplex Alley Light



Halogen Flasher



Take-Down Flasher



LED Flasher



Linear Strobe



Duplex Linear Strobe & LED



LED Backlight Sign

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

✓ = Available

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



Whelen Engineering reserves the right to upgrade and improve products without prior notice.

Route 145, Winthrop Road, Chester, CT 06412  
860-526-9504 • Fax 860-526-4078  
www.whelen.com