

AEGIS series

HIGH PERFORMANCE LED LIGHTBAR



FEATURES

- **Tough Outline:** Modern design, with a solid, sturdy look to best fit your vehicle.
- **Powerful Optics:** New Optics that meets ECE R65, SAE and NFPA.
- **Single or Dual Colour:** Choice of any colour combination.
- **3.25" (83mm) Thickness:** Broad Visibility and Powerful Output.
- **Coloured Top:** Choice of any coloured top cover to show your designation.
- **Built-in-Speaker:** Optional Low Profile speaker or Extra Power speaker (48" only).
- **Takedown, Alley Light:** Optional special lighthouse.
- **Built-in Traffic Director:** Control your work-site with a flick of the switch.
- **Computer Programming:** Set all wire function and setting on PC Software via USB.

SPECIFICATIONS

Compliance*: SAE J845 Class 1; CA Title 13; NFPA 1901 ZONE A
ECE R65 Class 2; ECE R10
*actual approvals may vary; based on model ordered.

No. of Warning Patterns: 15 Flash Patterns x 5 Flash Groupings

Operating Voltage: 12VDC or 24VDC

Input / Wire Gadgets:

Two Cable Model: Power Cable (480 cm / 15.7 Feet):
2 x +Vcc Power Wire @12AWG
2 x -GND Power Wire @12AWG
2 x Speaker Wire @ 20AWG (for applicable Speaker Model only)

Function Cable (480 cm / 15.7 Feet):
16 x Function Wire @ 22AWG

One Cable Model: Power & Function Cable (480 cm / 15.7 Feet):
1 x +Vcc Power Wire @10AWG
1 x -GND Power Wire @10AWG
2 x Speaker Wire @ 20AWG (for applicable Speaker Model only)
8 x Function Wire @ 22AWG

Speaker SPL: Low Profile Speaker: up to 120 dB
Extra Power Speaker: up to 123.5 dB

Speaker Power: 100W

Speaker Impedance: 11 Ohm

LIGHTHEAD OPTIONS

Corner Lighthouse Optics: i. 9LED D-Fuser Single Colour
ii. 18LED D-Fuser Dual Colour (for 12VDC model only)

Middle Lighthouse Optics: i. 3LED Fresnel
ii. 6LED Linear
iii. 12LED Linear Dual Colour (for 12VDC model only)

Optional Lighthouse: i. 3LED Alley Light
ii. 6LED Takedown / Work Lamp
iii. 9LED Takedown / Work Lamp

COLOUR OPTIONS

LED Colour: Amber, Blue, Red, White, Green

Lens Colour: Clear, Semi-opaque White (ICS), Semi-opaque Red (ICS)

Top Cover: Amber, Blue, Red, Black, White (ICS)

CURRENT RATING

Lighthouse	12VDC	24VDC
	Max. Current (A)	Max. Current (A)
9LED Corner Lighthouse	2.04 / each	1.01 / each
18LED Corner Lighthouse	1.95 / each	N/A
3LED Middle Lighthouse	0.39 / each	0.24 / each
6LED Middle Lighthouse	0.99 / each	0.53 / each
12LED Middle Lighthouse	0.99 / each	N/A
6LED Takedown	0.99 / each	0.48 / each
9LED Takedown	1.35 / each	0.66 / each
3LED Alley Light	1.34 / pair	0.84 / pair
ICS Section	0.82 / set	0.6 / set

NOTE: Please calculate the total current rating based on your lightbar configuration.

SUGGESTED FUSE RATING

Lighthouse	12VDC	24VDC
9LED Corner Lighthouse	+2.64A / each	+1.37A / each
18LED Corner Lighthouse	+2.56A / each	N/A
3LED Middle Lighthouse	+0.50A / each	+0.32A / each
6LED Middle Lighthouse	+1.30A / each	+0.72A / each
12LED Middle Lighthouse	+1.30A / each	N/A
6LED Takedown	+1.28A / each	+0.65A / each
9LED Takedown	+1.70A / each	+0.89A / each
3LED Alley Light	+2.00A / pair	+1.14A / pair
ICS Section	+1.07A / set	+0.84A / set

NOTE: Please calculate the total fuse rating needed based on your lightbar configuration.

FLASH PATTERN

FP#	FLASH PATTERN CHART		
1	Random / Customised	9	Quint [SAE]
2	Double [2Hz]	10	Ultra [SAE]
3	Quad [2Hz]	11	Single-Quad
4	Single [2Hz]	12	Single H/L
5	Triple [2Hz]	13	Steady
6	Single [SAE]	14	Half Steady-Half Double
7	Double [SAE]	15	Kit Scan
8	Quad [SAE]		

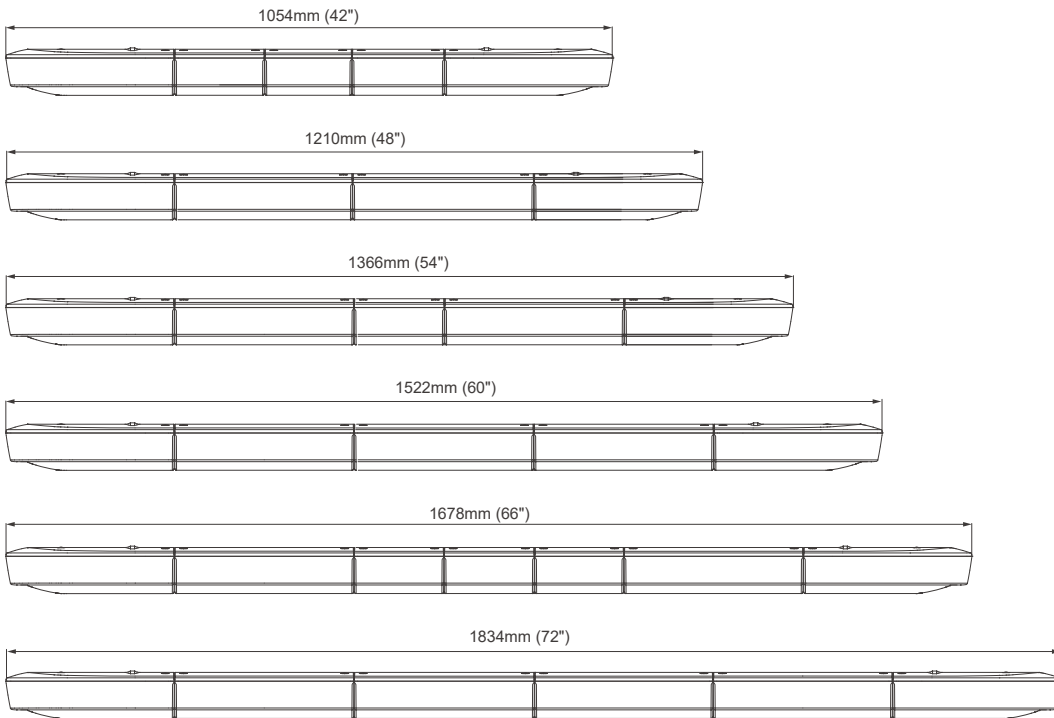
FG#	Lightbar Flash Grouping
1	All Simultaneous
2	Left-Right Split
3	Criss-Cross Split
4	Outside-In Split
5	Side-by-Side Split

NOTE: Actual approval is based on the lighthouse configuration of the model ordered.

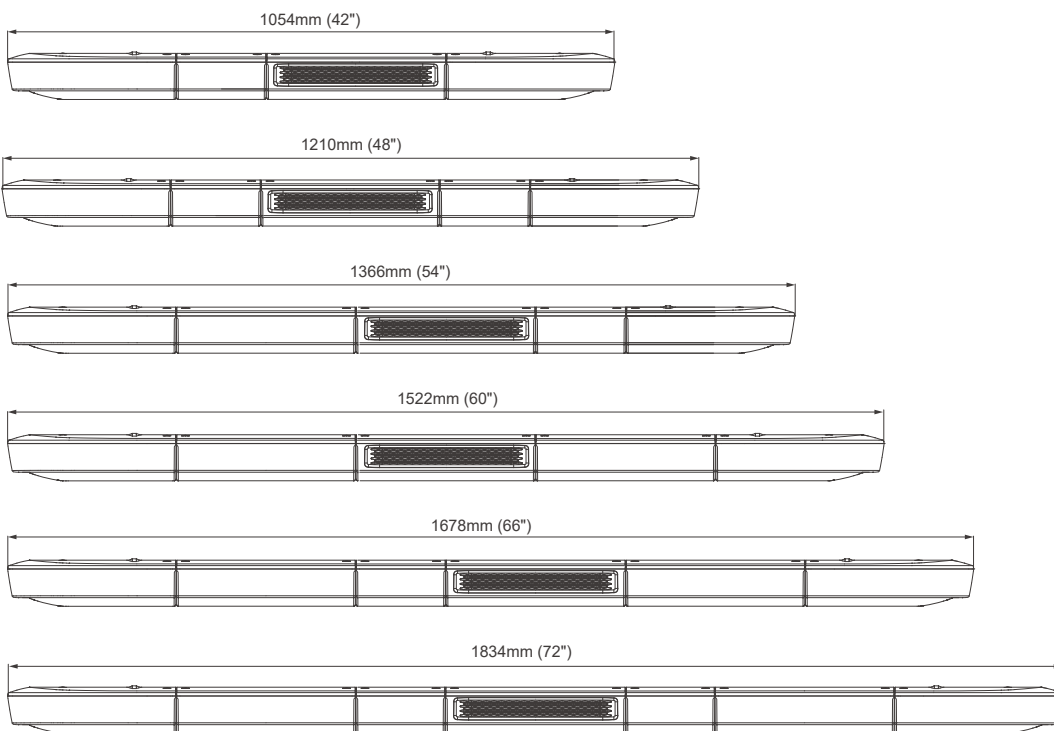


DIMENSIONS

Standard Model:



Speaker Model (Low Profile):

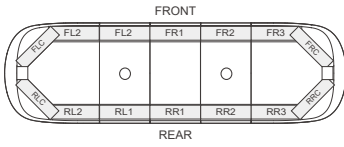


Speaker Model (Extra Power):

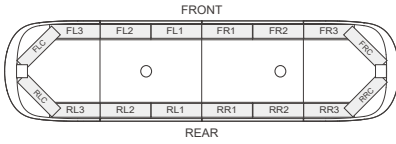


LAYOUT

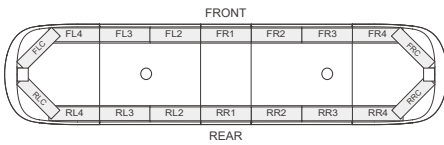
Standard Model



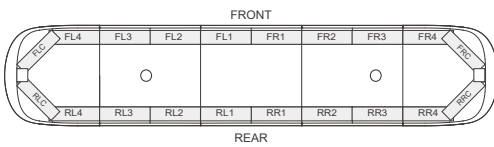
◀ 42" ▶



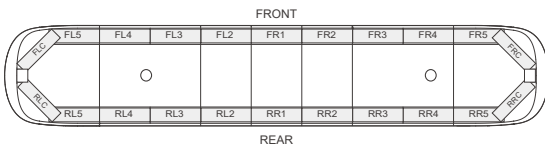
◀ 48" ▶



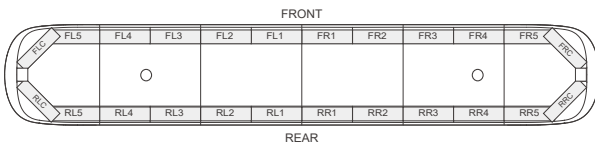
◀ 54" ▶



◀ 60" ▶

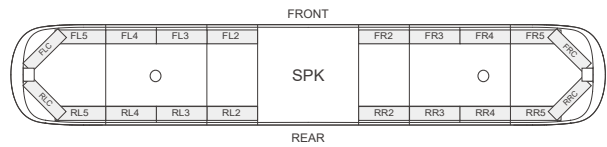
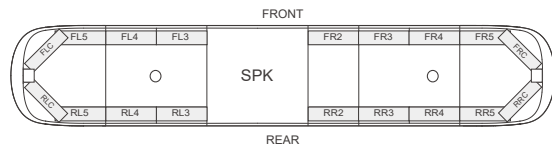
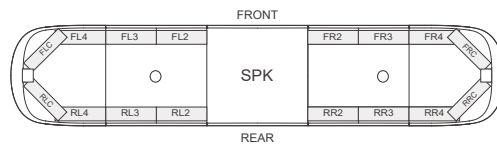
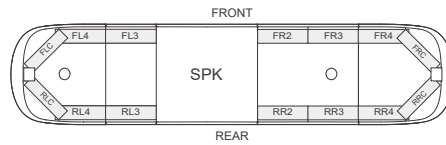
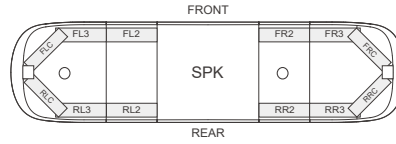
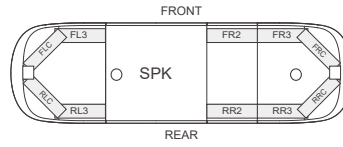


◀ 66" ▶



◀ 72" ▶

Speaker Model



○-Cable-Exit ○-USB Location

MOUNTING OPTIONS

06301798
Adjustable Feet Type B



02040752
Left & Right Lighthouse Brackets Only
02040769
Front & Rear Lighthouse Brackets Only



06011116
Aegis Standard Mount Brackets



06300258
Standard Bolt Mount Brackets



06300241
Adjustable Bolt Mount Brackets



06300166
Flat Surface Mount Brackets-Narrow



06300432
Flat Surface Mount Brackets-Wide



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