

AEGIS series

HIGH PERFORMANCE LED LIGHTBAR

12 or 24VDC



FEATURES

- **Tough Outline:** Modern design, with a solid, sturdy look to best fit your vehicle.
- **Powerful Optics:** New Generation 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 100w Built-in Speaker.
- **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

Approvals*: SAE J845 Class 1; CA Title 13; NFPA 1901 ZONE A
ECE R65 Class 2; ECE R10

*actual approvals may varies; based on actual model ordered.

Pre-set Warning Patterns: 15 Flash Patterns x 5 Flash Groupings

Operating Voltage: 12VDC or 24VDC

Input / Wire Gadges

Two Cable Edition: **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 Edition only)

Function Cable (480 cm / 15.7 Feet):

- 16 x Function Wire @ 22AWG

One Cable Edition: **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 Edition only)
- 8 x Function Wire @ 22AWG

LIGHTHEAD OPTIONS

Corner Lighthouse Optics:

- i. 9LED D-Fuser Single Colour
- ii. 18LED D-Fuser Dual Colour (12VDC Only)

Middle Lighthouse Optics:

- i. 3LED Fresnel
- ii. 6LED Linear
- iii. 12LED Linear Dual Colour (12VDC Only)

Optional Lighthouse:

- i. 3LED Alley Light
- ii. 6LED Takedown / Work Lamp
- iii. 9LED Takedown / Work Lamp

COLOUR OPTIONS

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

Lens Colour: Clear or Semi-opaque White

Coloured Top Cover: Red, Blue, Amber, White or Black

FLASH PATTERN

FP#	FLASH PATTERN CHART	
1	Random / Customized	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.

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 base on your lightbar configuration.

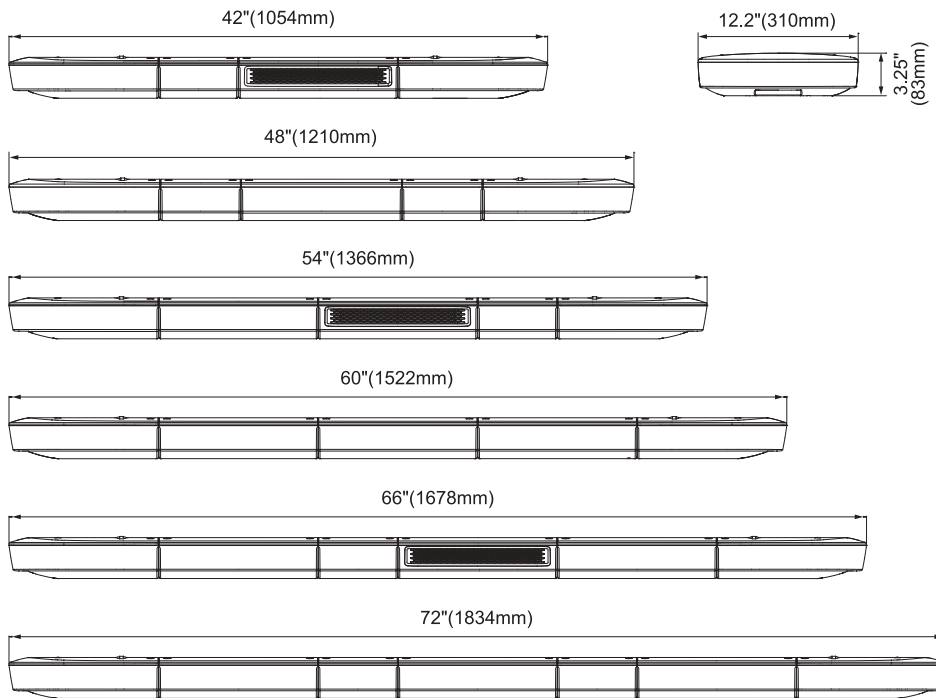
SUGGESTED FUSE RATING

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

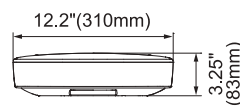
NOTE: Please calculate the total fuse rating needed base on your lightbar configuration.

DIMENSIONS

AVAILABLE LENGTH :



HEIGHT & WIDTH :



MOUNTING OPTIONS

AEGIS FEET Bolt / Strap Mount



ADJUSTABLE FEET Bolt / Strap Mount



FLAT NARROW Surface Mount

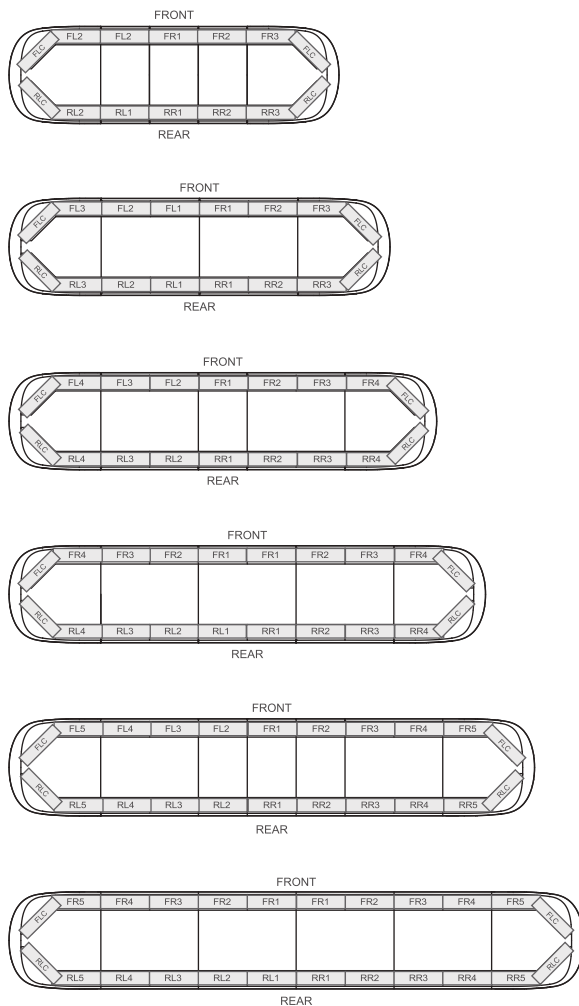


FLAT WIDE Surface Mount



LAYOUT

STANDARD EDITION :



SPEAKER EDITION :

