

# AEGIS FIT PLUS series

## ECONOMICAL 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 CA13.
- **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.
- **Illuminated Center Section:** Backlit section for customizable printing.

### SPECIFICATIONS

**Compliances\*:** SAE J845 Cass 1; CA Title 13;  
ECE R65 Class 2 (XA2, XB2, XR2); ECE R10  
\*actual approvals may varies; based on actual model ordered.

**No. of Warning Patterns:** ECE Version: 7 Flash Patterns  
SAE Version: 26 Flash Patterns

**Operating Voltage:** 12 or 24VDC

**Input / Wire Gages:** (480 cm / 15.7 Feet)

Power Wires: RED +Vcc @12AWG  
BLACK -GND @12AWG  
Function Wires: 2 x 20AWG; or  
5 x 20AWG w/ Takedown and Alley Light  
Speaker Wires: 2 x 20AWG for Speaker Model only

**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

**Corner Lighthouse Optics:** 9LED D-Fuser Single Colour  
**Middle Lighthouse Optics:** 3LED Fresnel Single Colour

### OPTIONAL LIGHTHEAD

**Alley Light:** 3LED

**Takedowns / Worklamp:** 6LED or 9LED

### COLOUR OPTIONS

**LED Colour:** Red, Blue, Amber, White or Green  
**Lens Colour:** Clear, Semi-opaque White (ICS) or Semi-opaque Red (ICS)  
**Top Cover:** Red, Blue, Amber, Black or White (ICS)

### CURRENT RATING

Lighthouse	12VDC	24VDC
	Max. Current (A)	Max. Current (A)
9LED Corner Lighthouse	2.04 / each	1.01 / each
3LED Middle Lighthouse	0.39 / each	0.24 / each
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	0.60 / set

**NOTE:** Calculate the total current rating base on your lightbar configuration.

### SUGGESTED FUSE RATING

Lighthouse	12VDC	24VDC
	Max. Current (A)	Max. Current (A)
9LED Corner Lighthouse	+2.64A / each	+1.37A / each
3LED Middle Lighthouse	+0.50A / each	+0.32A / each
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:** Calculate the total fuse rating needed base on your lightbar configuration.

### FLASH PATTERN

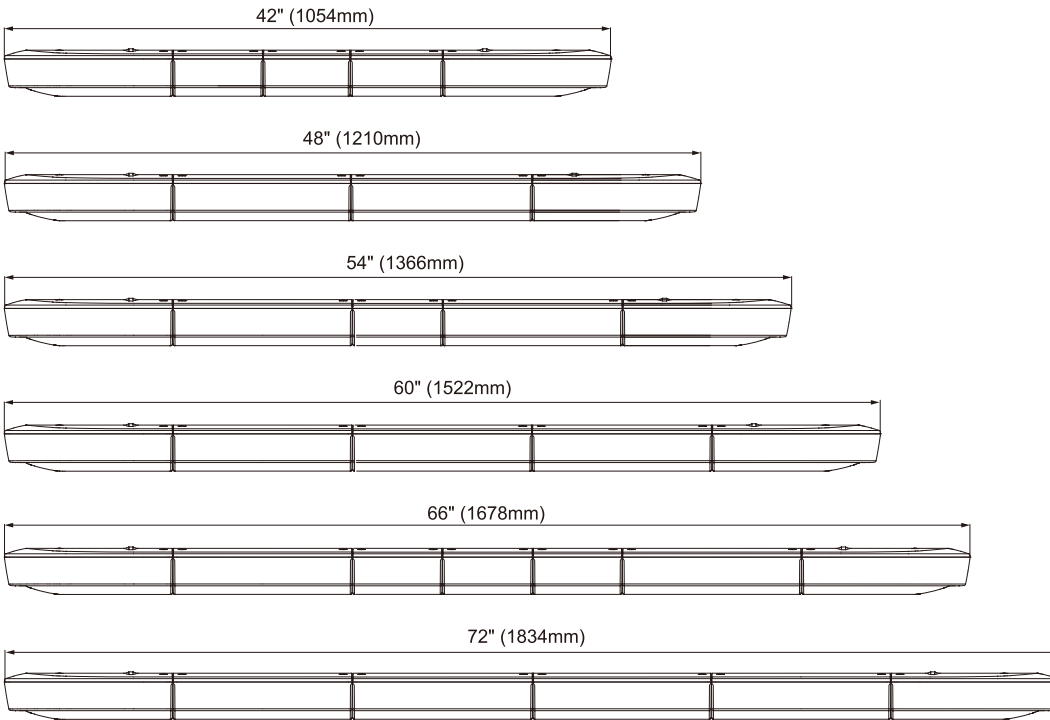
ECE Model					
1	Double (Corners)	[R65]	5	Quad (Split)	[2Hz]
2	Double	[2Hz]	6	Single	[2Hz]
3	Double (Split)	[2Hz]	7	Single (Split)	[2Hz]
4	Quad	[2Hz]			

SAE Model					
1	Kit Scan (split)	10	Quint (Split)	19	Mega
2	Single (Outside-In)	11	Mega (Split)	20	Ultra [SAE]
3	Ultra (Outside-In)	12	Ultra (Split)	21	Single-Quad
4	Single (Side-by-Side)	13	Single-Quad (Split)	22	Single H/L
5	Ultra (Side-by-Side)	14	Single H/L (Split)	23	Single (Criss-cross)
6	Random	15	Single [SAE]	24	Ultra (Criss-cross)
7	Single (Split)	16	Double [SAE]	25	Rotator x 1
8	Double (Split)	17	Quad [SAE]	26	Rotator x 2
9	Quad (Split)	18	Quint [SAE]		

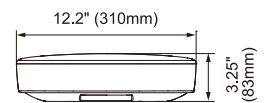
**NOTE:** Actual approval is based on the lighthouse configuration of the model ordered.

## DIMENSIONS

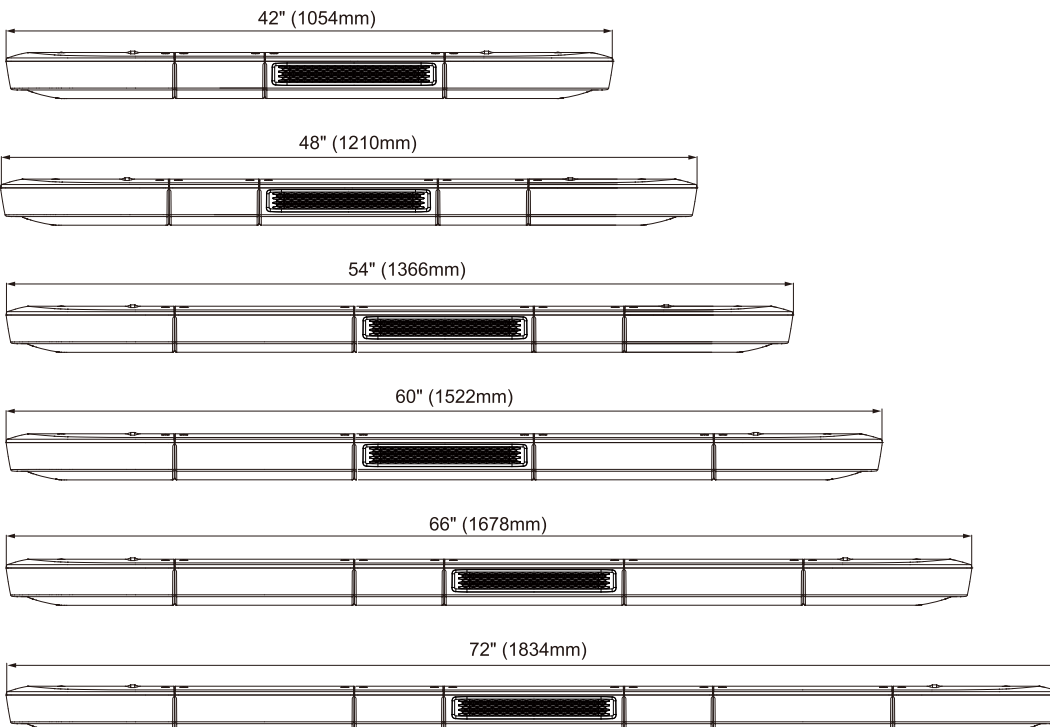
### Standard Model:



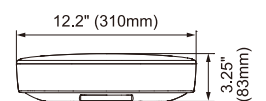
### Height & Width :



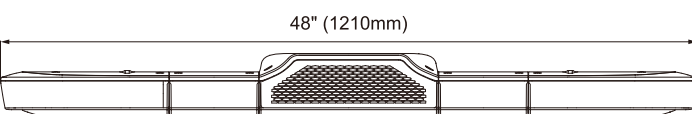
### Speaker Model (Low Profile):



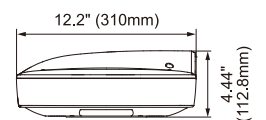
### Height & Width :



### Speaker Model (Extra Power):

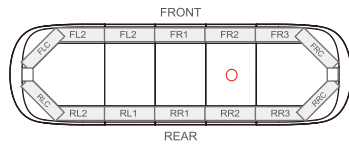


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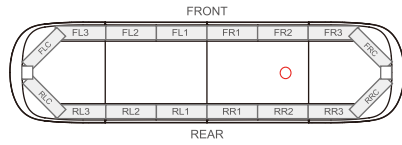


## LAYOUT

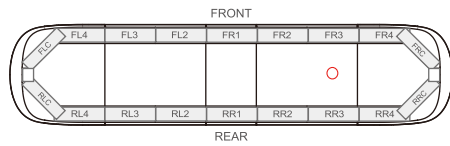
### Standard Model



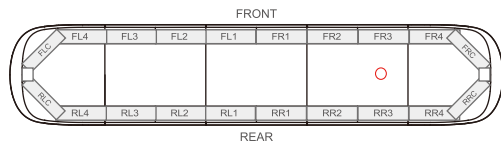
◀ 42" ▶



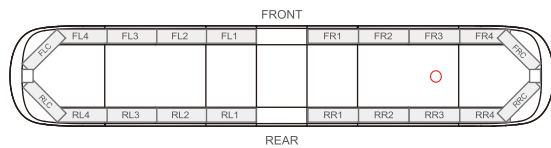
◀ 48" ▶



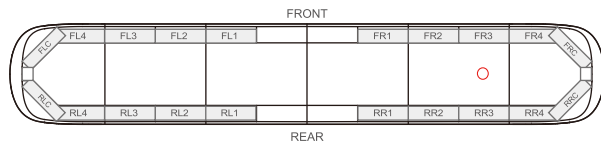
◀ 54" ▶



◀ 60" ▶

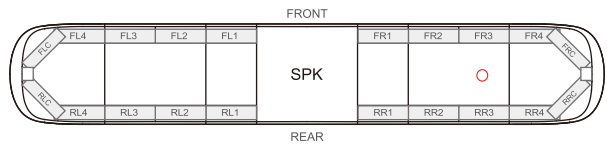
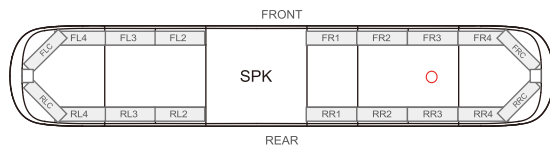
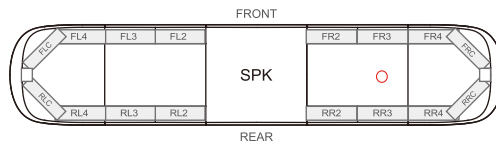
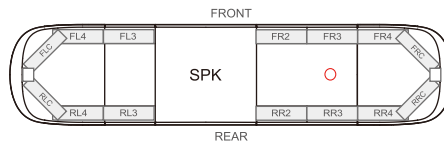
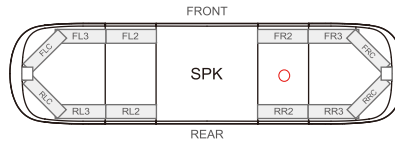
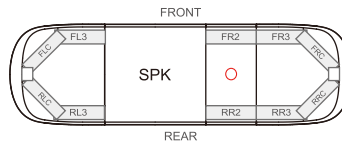


◀ 66" ▶



◀ 72" ▶

### Speaker Model



○-Cable-Exit

## MOUNTING OPTIONS

### 99-A006M00-000

Adjustable Feet Type B



### 99-A006M01-000

Left & Right Lighthouse Brackets Only



### 99-A006M02-000

Front & Rear Lighthouse Brackets Only

### 99-L008M00-000

Aegis Standard Mount Brackets



### 99-LLEGM01-000

Standard Bolt Mount Brackets



### 99-LTRTM00-000

Adjustable Bolt Mount Brackets



### 99-LTRTM01-000

Flat Surface Mount Brackets-Narrow



### 99-LTRTM04-000

Flat Surface Mount Brackets-Wide

