

LEGION LIGHTBAR

FIT series

12-24VDC



SIDE VIEW



FEATURES

- New 3LED Fresnel optics for Front/Rear lightheads.
- New 6LED Large D-Fuser for Corner lightheads.
- Multi-Voltage Input 12-24VDC with EMC Compliance.
- Built in intergrated siren speaker.
- Lightbar lengths ranges from 24" up to 84" (depnding on model)
- Easy maintenance and lamp replacement.
- Built-in selectable flash patterns.
- Non-volatile memory recalls last flash pattern used at power up.
- Reverse polarity protection.
- Solid Aluminium base plate for best rigidity and heat dissipation.

FLASH PATTERN (SAE Model)

FP#	Warning Flash Patterns		
1	Kit Scan (split)	14	Single H/L (split)
2	Outside-In Single	15	Single (all)
3	Outside-In Ultra	16	Double (all)
4	Side-by-Side Single	17	Quad (all)
5	Side-by-Side Ultra	18	Quint (all)
6	Random	19	Mega (all)
7	Single (split)	20	Ultra (all)
8	Double (split)	21	Single-Quad (all)
9	Quad (split)	22	Single H/L (all)
10	Quint (split)	23	Single Cross
11	Mega (split)	24	Ultra Cross
12	Ultra (split)	25	Rotator1
13	Single-Quad (split)	26	Rotator2

FLASH PATTERN (ECE R65 Model)

FP#	Warning Flash Patterns		
1	Double (corners only) R65	5	Quad (split) 2Hz
2	Double 2Hz	6	Single 2Hz
3	Double (split) 2Hz	7	Single (split) 2Hz
4	Quad 2Hz		

SPECIFICATIONS

Compliances:

SAE J845; ECE R65 (TA1 & TB1 & TR1); ECE R10

Operating Voltage: 12-24VDC

No. of Warning Patterns: 26 (SAE); 7 (ECE R65)

Ave. Current & Max Current:

Full Lighthead Model	Ave. Current (varies with flash pattern)		Max Current	
	12.8V	25.6V	12.8V	25.6V
24"	5.0A	3.0A	4.9A	2.4A
30"	5.0A	3.0A	5.7A	2.9A
36"	5.0A	3.0A	6.5A	3.4A
43"	5.0A	3.0A	7.3A	3.9A
49"	5.0A	3.0A	8.1A	4.4A
54"	5.0A	3.0A	8.9A	4.9A
60"	5.0A	3.0A	9.7A	5.4A
66"	5.3A	3.0A	10.5A	5.9A
72"	5.7A	3.2A	11.3A	6.4A
84"	6.5A	3.7A	12.9A	7.4A
Speaker Model	12.8V	25.6V	12.8V	25.6V
36"	2.4A	1.25A	4.8A	2.5A
49"	5.0A	3.0A	6.5A	3.4A
60"	5.0A	3.0A	8.1A	4.4A
72"	4.9A	2.7A	9.7A	5.4A
84"	5.7A	3.2A	11.3A	6.4A

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

Fuse Rating:

Lighthead	12VDC	24VDC
	Max. Current (A)	Max. Current (A)
3 LED Middle Lighthead	+0.51 each	+0.27 each
6 LED Middle Lighthead	+0.90 each	+0.60 each

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

Power Wires: Red-Vcc @12AWG

Black-GND:@12AWG

Function Wires: 2 x 20AWG

Speaker Wires: 2 x 20AWG for applicable Speaker Edition only

Speaker Power: 100W

Speaker Impedance: 11 Ohm

PART NO.

- L006-6xyz-000 (SAE)
- L006-7xyz-000 (ECE R65)
- L006-8xyz-000 (ECE R10)

xx : refer to configuration chart

y : refer to Mounting feet

- 0 = W/O MOUNTING
- 1 = STANDARD
- 2 = ADJUSTABLE
- 3 = FLAT NARROW SURFACE
- 4 = FLAT WIDE SURFACE
- 5 = FLAT WIDE SURFACE 3pcs (66"/72")
- 6 = FLAT WIDE SURFACE 4pcs (84")

z : refer to Colour

- A = Amber LED & Clear Lens
- 1 = Amber LED & Amber Lens
- B = Blue LED & Clear Lens
- 2 = Blue LED & Blue Lens
- R = Red LED & Clear Lens
- 4 = Red LED & Red Lens
- W = White LED & Clear Lens
- G = Green LED & Clear Lens
- Q = Red/Blue LED & Clear Lens
- N = Red/Blue LED & Red/Blue Lens
- U = Red/White LED & Clear Lens
- F = Amber/Red LED & Clear Lens
- K = Amber/White LED & Clear Lens

BRACKET TYPE

99-LLEGM01-000
Standard Bolt Mount Brackets



99-LTRTM00-000
Adjustable Bolt Mount Brackets



99-LTRTM01-000
Flat Surface Mount Brackets Small

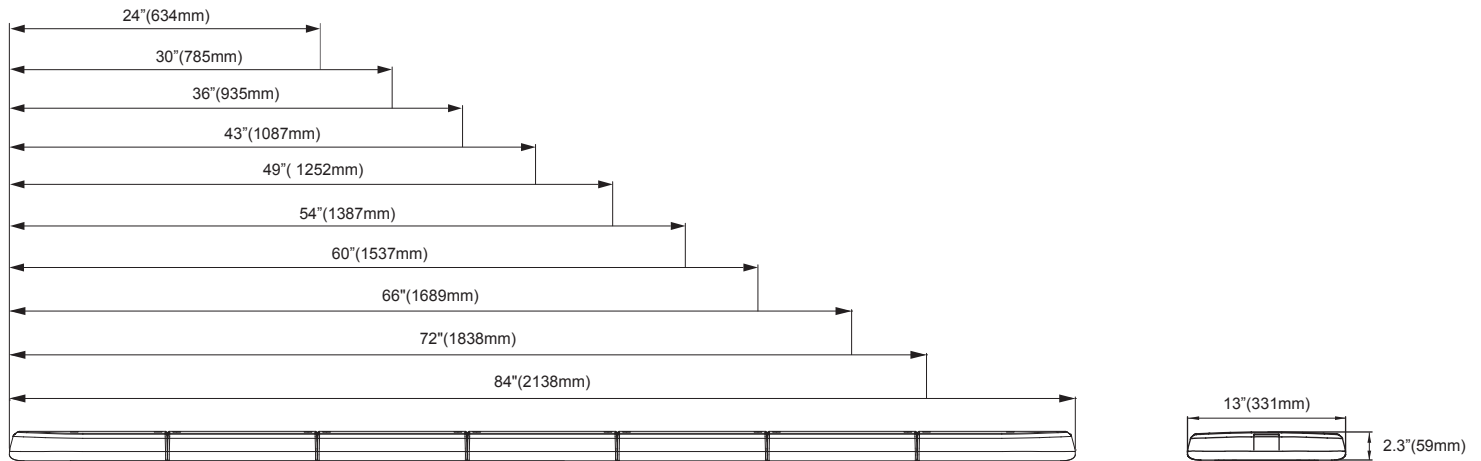


99-LTRTM04-000
Flat Surface Mount Brackets Large

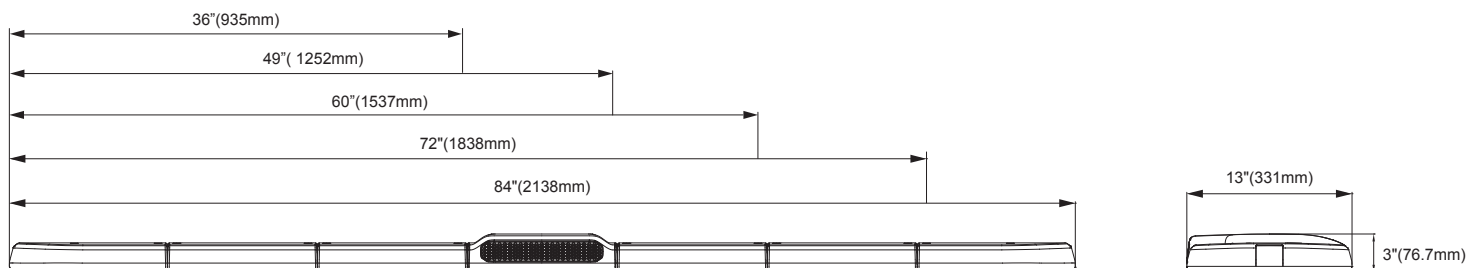


DIMENSIONS

Standard Model Available Lengths:



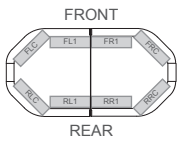
Speaker Model Available Lengths:



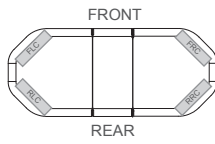
CONFIGURATION

Refer to the chart for xx

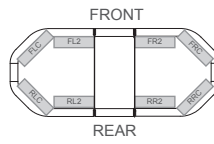
▼ 24" xx = 81



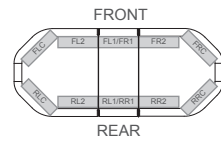
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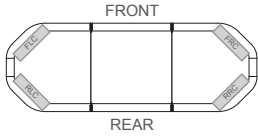
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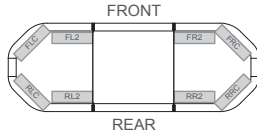
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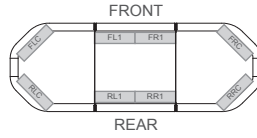
▼ 36" xx = 50



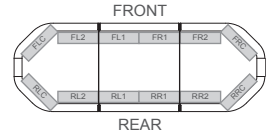
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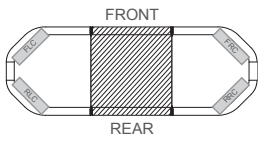
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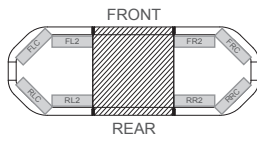
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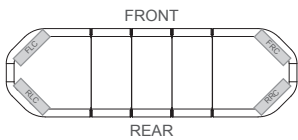
▼ 36" Speaker xx = 5C



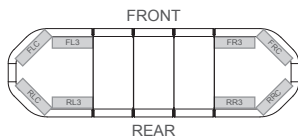
▼ 36" Speaker xx = 5D



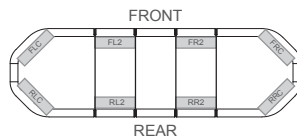
▼ 43" xx = 00



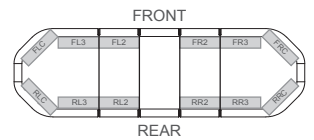
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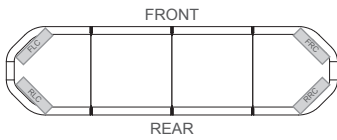
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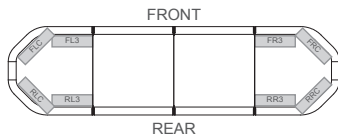
▼ 43" xx = 03



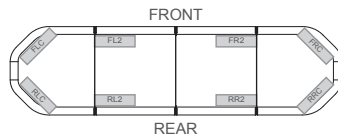
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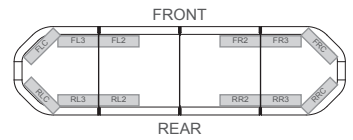
▼ 49" xx = 11



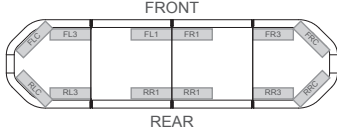
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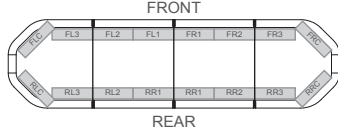
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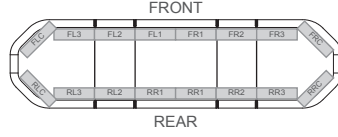
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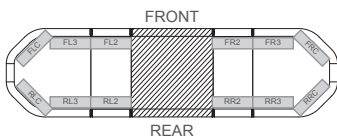
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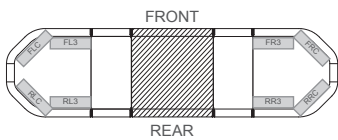
▼ 49" xx = 17



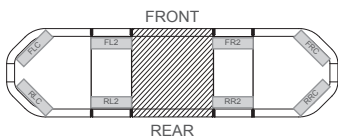
▼ 49" Speaker xx = 19



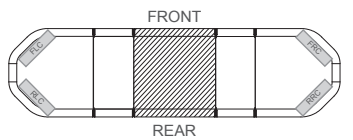
▼ 49" Speaker xx = 1D



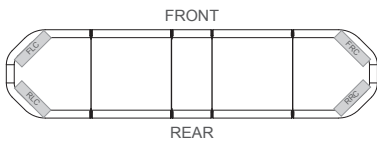
▼ 49" Speaker xx = 1E



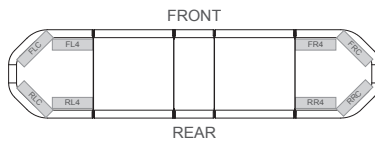
▼ 49" Speaker xx = 1C



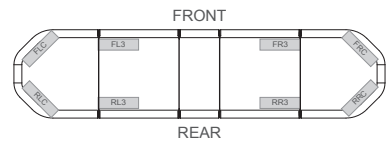
▼ 54" xx = 20



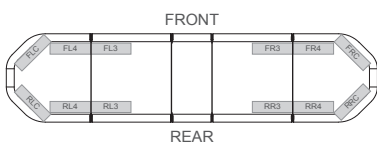
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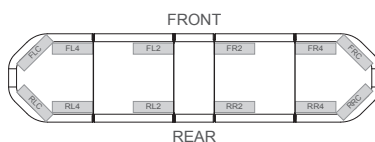
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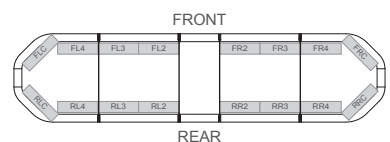
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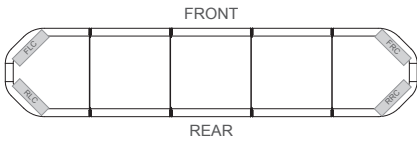
▼ 54" xx = 24



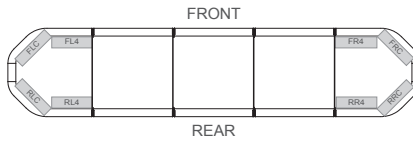
▼ 54" xx = 25



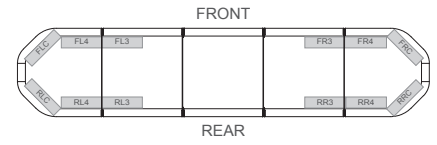
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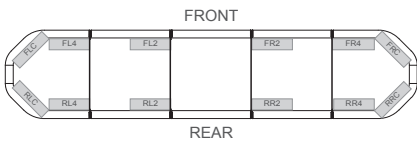
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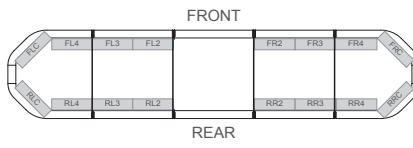
▼ 60" xx = 33



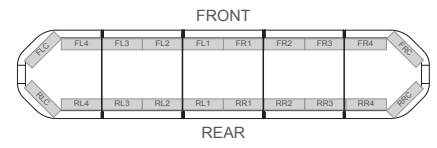
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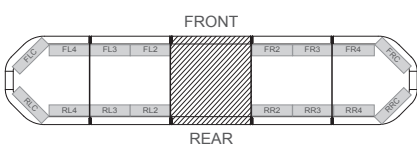
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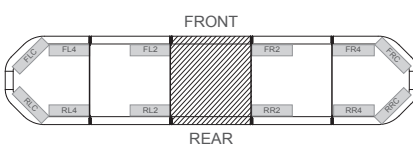
▼ 60" xx = 36



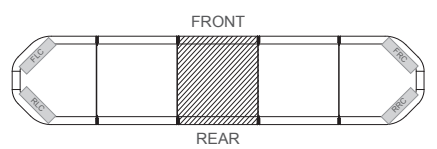
▼ 60" Speaker xx = 3A



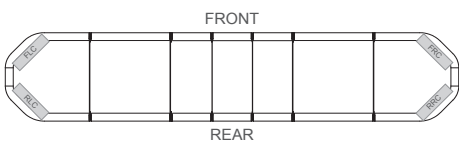
▼ 60" Speaker xx = 39



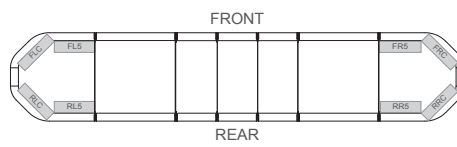
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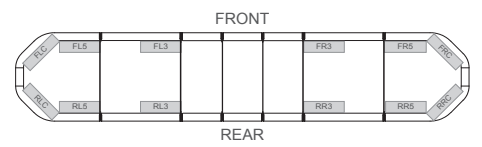
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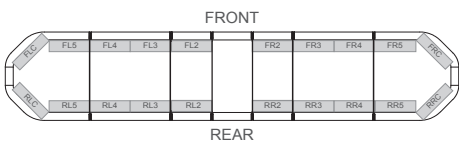
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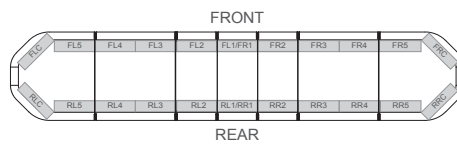
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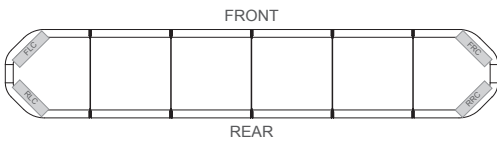
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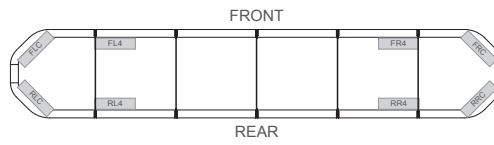
▼ 66" xx = 7L



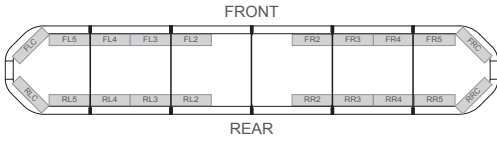
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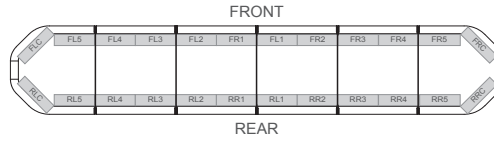
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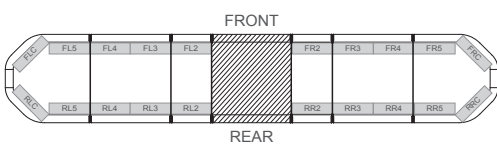
▼ 72" xx = 66



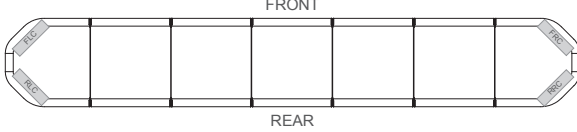
▼ 72" xx = 6M



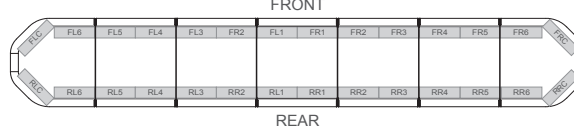
▼ 72" Speaker xx = 6B



▼ 84" xx = 90 / 9N



▼ 84" xx = 9N



▼ 84" Speaker xx = 9K

