

RAIDEN FIT

ULTRA LOW PROFILE LIGHTBAR & Optional Integrated Slim Speaker



12-24VDC

▼ Single colour 3LED



FEATURES

- **Ultra Low Profile:** At only 4 cm (1.69") in height, the Raiden FIT™ lightbar is among the thinnest premium lightbars in the market.
- **Ambient Light Sensor:** Built-in sensor that detects ambient light and automatically activates or deactivates the Lower-intensity 'by-night' operation.
- Single Colour Lighthead.
- **Powerful Optics:** 360 degree seamless output that meets and exceeds ECE R65 Class 2, SAE and ICAO standards.
- Multiple choices of coloured covers.
- **Quality and Durability:** Highest tier premium bar that is built to last and protect your road safety.
- **Multi-Voltage:** Input 12-24VDC with EMC Compliance.
- **Easy maintenance:** Simple removal of top cover for re-configuration or replacement of lighthead.
- **Powerful Slim Speaker:** Integrated Optional 100W Slim Speaker with outstanding performance.

SPECIFICATIONS

Compliance: SAE J845 Class 1, CA Title 13;
ECE R65 Class 2 (TA2/TB2/TR2); ECE R10; CISPR25;
ICAO (Amber - corners and ends activated only)

NOTE: actual approvals may vary; based on actual lightbar configuration.

Operating Voltage: 12-24VDC

Cable & Wire Gauge: Single Loom Cable, 500 cm (16.4 Feet)

42" (1066 mm) ~ 72" (1829 mm)

Power Cores - 2 wires @ 3.3mm² (12AWG)

Function Cores: 2 wires @ 0.2mm² (24AWG)

No. of LEDs: Front & Rear: 3LED per Single Colour Lighthead
Corner & End: 6LED per Single Colour Lighthead

Speaker SPL: up to 113dB@3 Meters (in Wail Tone)

Speaker Power: 100W

Speaker Impedance: 11 Ohm

COLOUR OPTIONS

LED Colour: Amber, Blue, Green, Red, White (Single or Dual)

Lens Colour: Clear

Top Cover Colour: Amber, Black, Blue, Clear, Red

CURRENT & POWER RATING

CURRENT	@12.8VDC		@25.6VDC	
	Max. Current (A)	Avg. Current (A)	Max. Current (A)	Avg. Current (A)
3LED Single Colour Lighthead	0.41 / each	0.2 / each	0.2 / each	0.09 / each
6LED Single Colour Lighthead	0.86 / each	0.43 / each	0.43 / each	0.21 / each

POWER	@12.8VDC		@25.6VDC	
	Max. Power(W)	Avg. Power (W)	Max. Power(W)	Avg. Power (W)
3LED Single Colour Lighthead	5.25 / each	2.56 / each	5.12 / each	2.3 / each
6LED Single Colour Lighthead	11.01 / each	5.5 / each	11.01 / each	5.38 / each

NOTE: Please calculate the total Current and Power consumption based on your lightbar configuration.

SUGGESTED FUSE RATING

FUSE RATING	@12.8VDC	@25.6VDC
3LED Single Colour Lighthead	0.55A / each	0.27A / each
6LED Single Colour Lighthead	1.16A / each	0.58A / each

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

MOUNTING OPTIONS & ACCESSORIES

06570736

Low Profile Standard Brackets (2PCS)

* For custom strap kit, contact your sales representative.



06300166

Low Profile Narrow Flat Surface Mount Brackets (2PCS)



06301880

Low Profile Narrow Flat Surface Mount Brackets (3PCS), for 66" & 72" Lightbar

06300432

Low Profile Wide Flat Surface Mount Brackets (2PCS)

06301897

Low Profile Wide Flat Surface Mount Brackets (3PCS), for 66" & 72" Lightbar

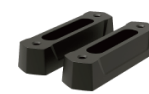


06490539

35mm Rubber Mounting Feet (2PCS)

06570743

35mm Rubber Mounting Feet (3PCS), for 66" & 72" Lightbar



06440350

2° Angled Gasket (2PCS)



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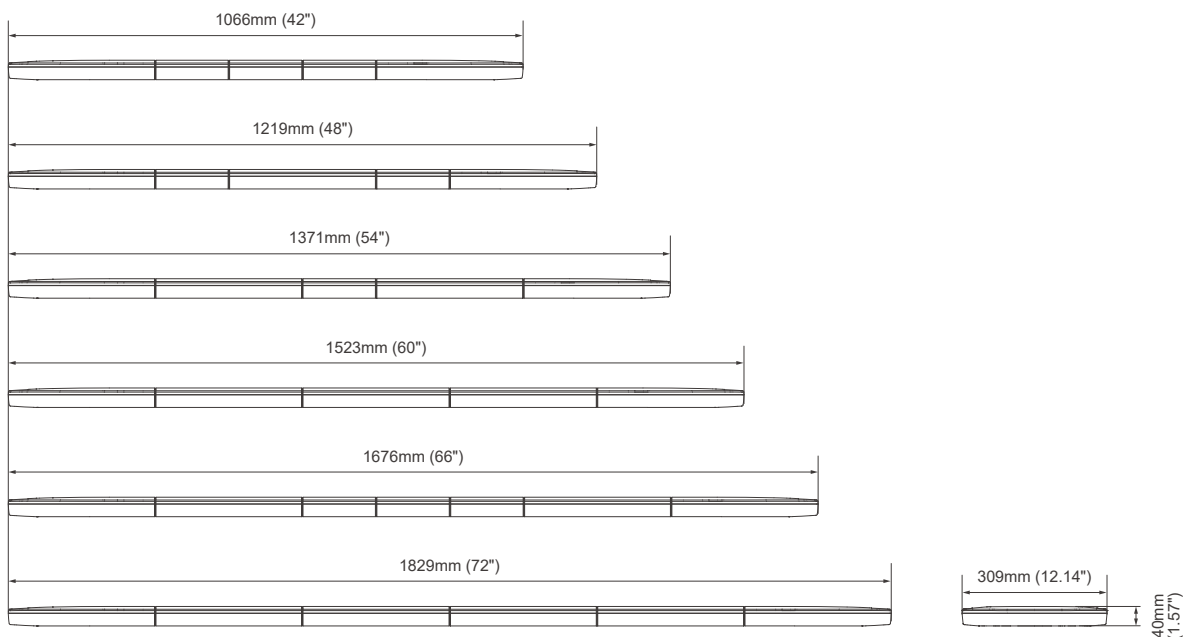


BAR PATTERN

#	SAE (AL Versions)	Grouping	#	ECE (AE Versions)	Grouping
1	Single [SAE, CA13] (Default)	All	1	Double (Corners) [R65] (Default)	Corners
2	Double [SAE]	All	2	Double [2Hz]	All
3	Quad [SAE]	All	3	Quad [2Hz]	All
4	Quint [SAE]	All	4	Single [2Hz]	All
5	Mega	All	5	Triple [2Hz]	All
6	Ultra [SAE]	All	6	Double [2Hz]	Left-Right
7	Single-Quad	All	7	Quad [2Hz]	Left-Right
8	Single H/L	All	8	Single [2Hz]	Left-Right
9	Single-Triple-Quint	All	9	Triple [2Hz]	Left-Right
10	Single	Left-Right	10	ICAO Single *	Corners
11	Double	Left-Right	11	ICAO Single *	All
12	Quad	Left-Right	* Dim Mode is not applicable.		
13	Quint	Left-Right			
14	Mega	Left-Right			
15	Ultra	Left-Right			
16	Single-Quad	Left-Right			
17	Single H/L	Left-Right			
18	Single-Triple-Quint	Left-Right			
19	Random	All			
20	Double-Double	Left-Right			
21	Quad-Quad	Left-Right			
22	Triple-Blast	Left-Right			
23	Double-Double	Outside-in			
24	Quad-Quad	Outside-in			
25	Triple-Blast	Outside-in			
26	Swing II	Outside-in			
27	ICAO Single *	Corners			
28	ICAO Single *	All			

DIMENSIONS

Standard Model Length:



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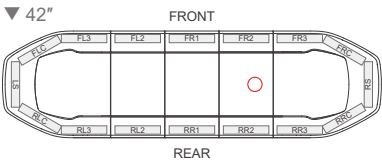
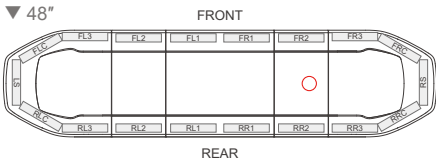
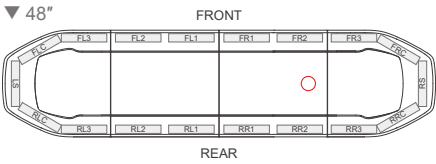
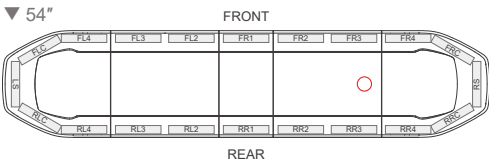
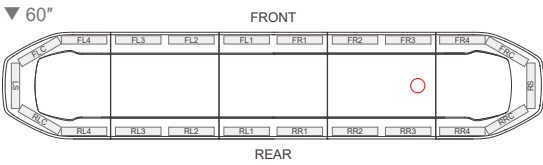
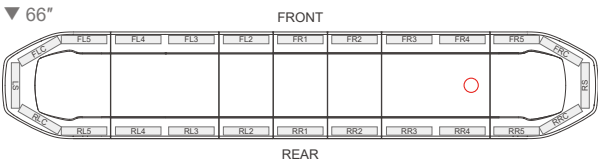
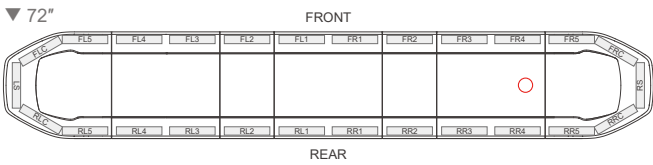
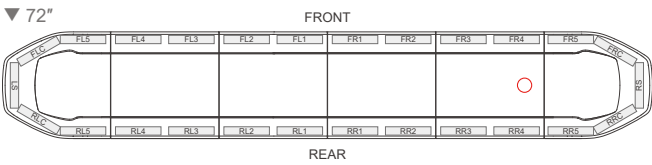
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LAYOUT

Standard Model:



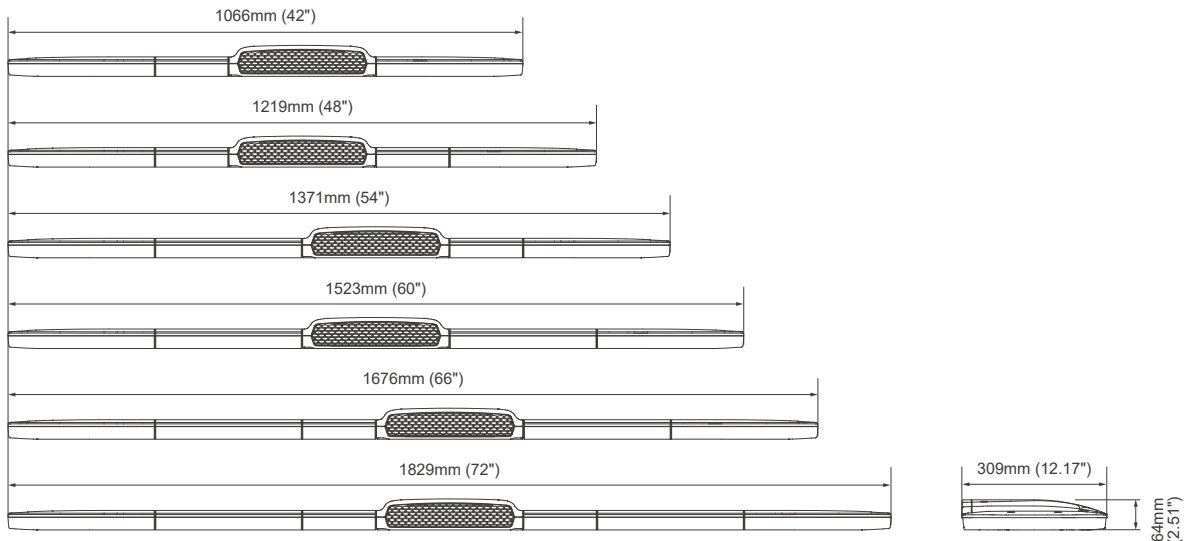
NOTE: Models shown above are standard layouts. For customised lighthead configuration, contact your sales representative.

○ : Default Cable-Exit



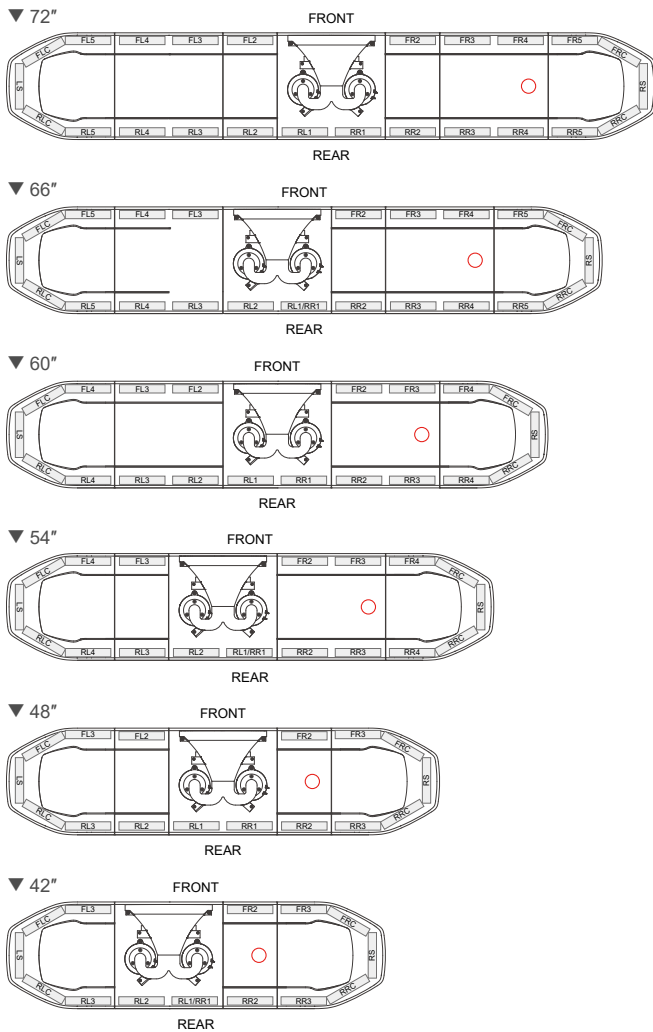
DIMENSIONS

Speaker Model Length:



LAYOUT

Speaker Model:



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○ : Default Cable-Exit



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