



AERO DYNAMIC™ LIGHTBARS

available in:



ADX5250

> Features

- LED models feature Solaris LED technology.
- Available in 22", 52" and 72" lengths.
- Effective warning via LED reflectors or oversized, 55-watt halogen rotators.
- Five-year warranty on rotator mechanism and LEDs.
- LEDs are available in red, amber, blue, and white.
- Dome colors are available in red, amber, blue, black and clear.

Powerful Tradition

Classic in its design, the AeroDynamics™ is a traditional lightbar used in the emergency lighting industry for over 30 years. Constant improvements and innovations have made this quality, reliable lightbar a trademark in emergency lighting.

The AeroDynamics can be entirely customized from placement of rotators and Solaris® LEDs to the color and configuration of the domes. AeroDynamics options include takedown lights, alley lights, mirrors, front and rear flashers, three different rotators, and the innovative Meteor™ traffic clearing light.

Solaris LED Technology

Tradition meets the latest LED technology in the Solaris AeroDynamics. The dual Solaris LED reflectors provide high optical efficiency for maximum lighting performance. In the AeroDynamics, this technology provides several benefits such as low current consumption and minimal maintenance while increasing the effectiveness of the vehicle's emergency lighting system.

Rotating Lights

Each rotator unit contains a 55-watt halogen bulb with oversized reflector and its own individual motor for 80,000 candela of brilliant light output.

V-Mirror

The V-mirror uses highly polished optics to provide distinctive flash patterns. In some base units, space is available to allow two V-mirrors to form a diamond shape for increased light output.

Meteor Traffic Clearing Light

The Meteor™ traffic clearing light provides crucial emergency warning in intersections. Its "M" pattern moves both horizontally and vertically to command the attention of traffic in front of the emergency vehicle.

Domes

AeroDynamics lightbars continue to feature high-strength polycarbonate domes available in various colors: red, amber, blue, black, and clear. Choose your own color combination to meet your specific needs.

> Approvals

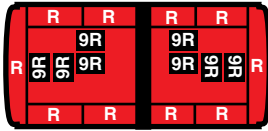
- CAC Title 13, Article 22
- NFPA 1901 compliant models are available
- SAE J595
- SAE J845, Class 1
- SAE J2498



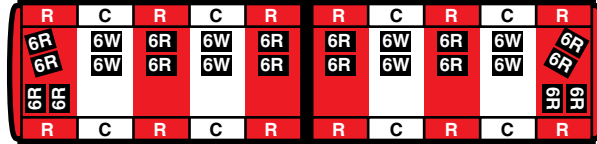
Solaris Preselect Models:



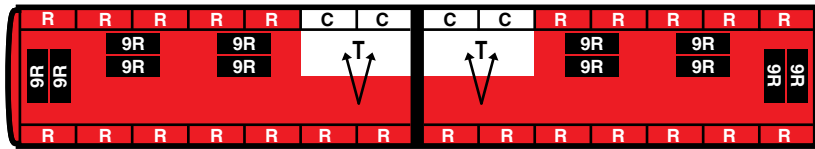
ADX5250



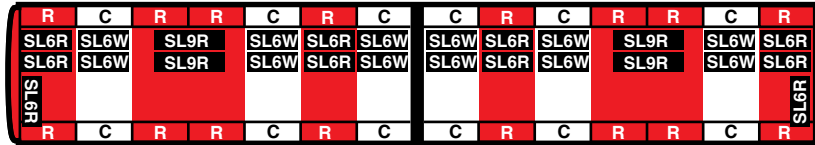
ADX2201



ADX5250



ADX7205



ADX7250

Legend							
6R	Six-LED Solaris reflector - red		95 FPM rotator		Meteor Traffic Clearing Light		V-mirror
6W	Six-LED Solaris reflector - white		175 FPM rotator		120 FPM rotator		Cascade mirror
9R	Nine-LED Solaris reflector - red	R	*Red dome	C	*Clear dome	A	*Amber dome
BTT	Brake-Tail-Turn	FF	Front Flasher	RF	Rear Flashers	WL	Work Light

*Dome colors shown for the preselect models are popular configurations. Dome colors can be custom configured but Solaris model domes must be clear or match the color of the LEDs.

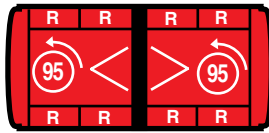
Solaris Model Chart		
Model	Description	**Current Draw
ADX2201	22", AeroDync LED, (8) nine-LED Solaris reflectors - red, no rear lighting	6 amps
ADX5250	52", AeroDync LED, (16) six-LED Solaris reflectors - red, (8) six-LED Solaris reflectors-white, no rear lighting	12 amps
ADX7205	72", AeroDync LED, (12) nine-LED Solaris reflectors - red, (2) traffic clearing lights, no rear lighting	17 amps
ADX7250	72", (Candy Stripe), two-tier LEDs, (4) Red large reflectors, (12) Red small reflectors, (12) White small reflectors, no rear lighting	30 amps

** Approximate current draw in a flashing pattern.

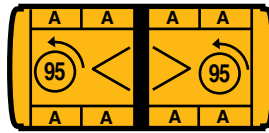
Halogen Preselect Models:



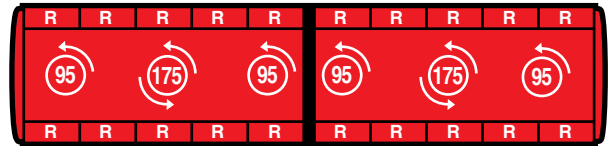
517112



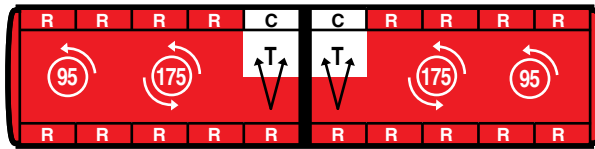
221



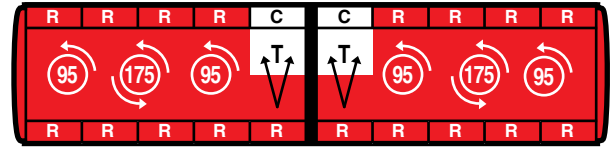
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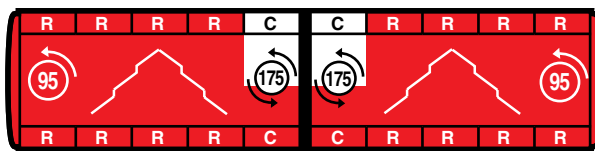
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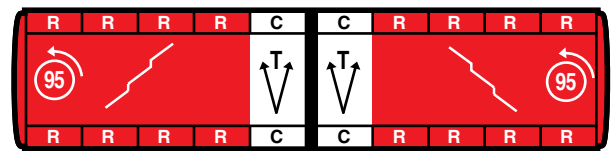
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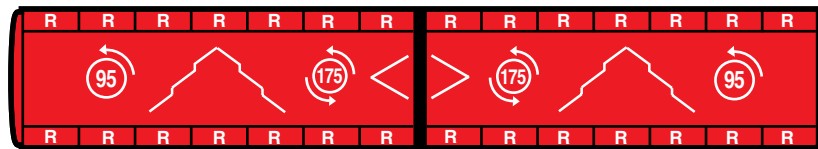
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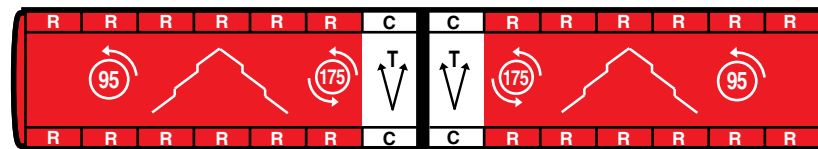
25RQL-FAST



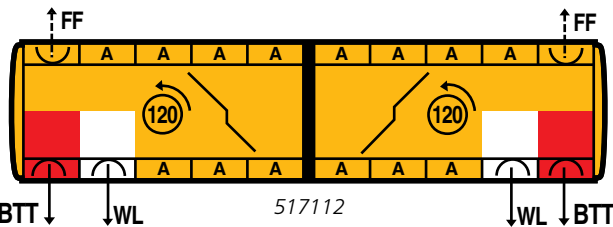
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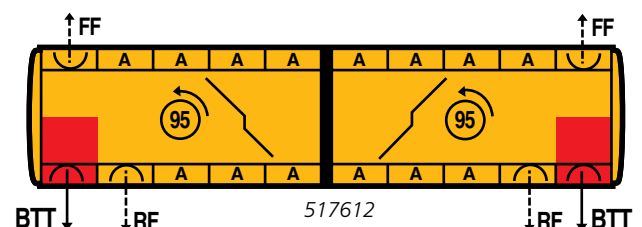
AH1LC



AH2LC



517112



517612

Halogen Model Chart		
Model	Description	Current Draw
221	22", (2) 95 FPM rotators	9 amps
ADL5202	52", (4) 95 FPM and (2) 175 FPM rotators	25.8 amps
ADL5256	52", (2) 95 FPM and (2) 175 FPM rotators, (2) TCL	25.8 amps
ADL5257	52", (4) 95 FPM and (2) 175 FPM rotators, (2) TCL	34.4 amps
25RQL-FAST	52", (2) 95 FPM and (2) 175 FPM rotators, (4) cascade mirrors	17.2 amps
25RQL-TCLF	52", (2) 95 FPM rotators, (2) TCL, (2) cascade mirrors	17.2 amps
AH1LC	72", (2) 95 FPM and (2) 175 FPM rotators, (4) cascade mirrors, (2) V-mirrors	17.2 amps
AH2LC	72", (2) 95 FPM and (2) 175 FPM rotators, (4) cascade mirrors, (2) traffic clearing lights	25.8 amps
517112	52", (2) 120 FPM rotators, (2) worklights, (2) brake-tail-turn, and (2) front flashers	8.6 amps (primary warning only)
517612	52", (2) 95 FPM rotators, (2) brake-tail-turn, (2) front flasher, and (2) rear flashers	8.6 amps (primary warning only)

> **How to Order**

AeroDync (Halogen)

Aero-WKS SAO form for AeroDync (Halogen)

Choose one of the pre-select models or configure a model with the Specify All Options (SAO) forms provided on the Federal Signal www.fedsig.com website.

NFPA technical guides for the AeroDync may be found at www.fedsig.com/fire. For further technical assistance, contact us at (800) 264-3578.



ADX2201

The AeroDync mini-lightbar provides powerful warning in a 22-inch long package. (Diagram shown on page 2)

AeroDync (Solaris)

Choose one of the Solaris preselect models or for custom models please contact customer service at (800) 264-3578.

	22"	52"	72"
Specifications			
Current Draw	See model chart on previous pages		
Ship Weight			
	16.0 lbs (7.3 kg)	32.0 lbs (14.5 kg)	38.0 lbs (17.3 kg)
Physical Specifications			
Height	7.3 in (19.0 cm)	7.3 in (19.0 cm)	7.3 in (19.0 mm)
Width	12.1 in (30.6 cm)	12.1 in (31.0 cm)	12.1 in (31.0 mm)
Length	22.4 in (57.0 cm)	52.6 in (134 cm)	72.0 in (183 mm)
Mount Kits (optional)			
Magnetic	22MK	–	–
Permanent	22PK	UNPK	UNPK



For custom fire apparatus, 22" AeroDync mini-lightbars perfectly complement full size AeroDync lightbars and provide superior warning power to the side zones of a vehicle.