

ARJENT SL LED LIGHTBAR



The latest evolution of the ultra-low profile ARJENT® lightbar platform is the new ARJENT SL version, employing breakthrough SOLARIS™ LED reflector technology, for superior straight-ahead and off-axis performance, in a cost-effective package.

SOLARIS LED TECHNOLOGY

The proprietary SOLARIS light assemblies incorporate offset, compound reflector surfaces for accurate beam shaping and high optical efficiency. This maximizes the performance of the LEDs—creating the brightness necessary for officer safety and standards compliance, without adding the cost and complexity of more LEDs.

SOLARIS LED assemblies cut amperage draw to a minimum, reducing the demands on vehicle electrical systems. And the LEDs stand up to the harsh environments, severe vibrations, and tough duty cycles that can dramatically shorten halogen and strobe performance—virtually eliminating downtime for lightbar repairs and bulb changing.

The ARJENT SL lightbar can include 6-LED and 9-LED SOLARIS reflectors, available in amber, blue, red, and white to meet all requirements. The operation of the SOLARIS LEDs can also be configured as a SIGNALMASTER™ directional warning light. And all SOLARIS LED assemblies are backed by a 5-year warranty.

MORE ARJENT SL FEATURES

The ARJENT SL lightbar is stealthy in appearance, making law enforcement vehicles less visible with the system turned off. Its elliptical shape complements the LED light technology to provide significantly greater off-axis warning than traditional linear lightbars.

Powerful halogen area lights handle takedown and alley functions. These lights can also be specified with a flashing mode for additional emergency response warning.

Mechanically, the ARJENT SL lightbar is aerodynamic and lightweight, for excellent fuel efficiency and low wind noise, even at high speeds. The extruded aluminum base and honeycomb reinforced polycarbonate top domes maximize strength. And the newly introduced colored upper domes allow further customization of the lightbar appearance.

ARJENT SL lightbars are available in a variety of lengths, so a single, standard lightbar design can be used throughout a fleet of different size vehicles. Mounting feet come in neutral or black colors to blend with the vehicle paint.

The ARJENT SL design provides the safety of a bright lightbar in an economical, low profile platform already proven in the field.

QUICK REFERENCE

FEATURES

- Innovative elliptical design positions the SOLARIS assemblies for continuous coverage and superior off-axis warning.
- SOLARIS LED assemblies are available in 6-LED and 9-LED designs.
- Low electrical requirements reduces strain on vehicle electrical systems.
- Five year warranty on LED assemblies.
- Brilliant, high-powered halogen takedown and alley lights.
- Available in 36", 44", and 53" lengths.
- Select clear or colored dome covers.
- Mount system available in black or neutral colors.
- Comes with (2) INTELLI-FLASH™ flashers. Each flasher has 8 selectable patterns and 2 modes of operation.

APPLICATIONS

- Police, Fire, and EMS vehicles
- Parking enforcement and community service vehicles
- Private security vehicles

RELATED PRODUCTS

SMARTSIREN® Electronic Siren and Light Control System

Bulletin #5113

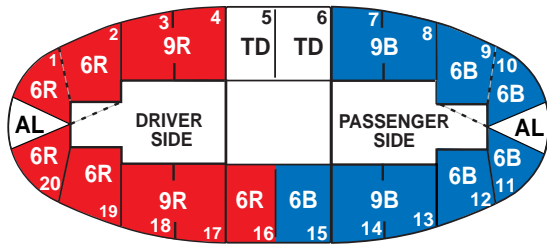
TOUCHMASTER™ DELTA Siren

Bulletin #5124

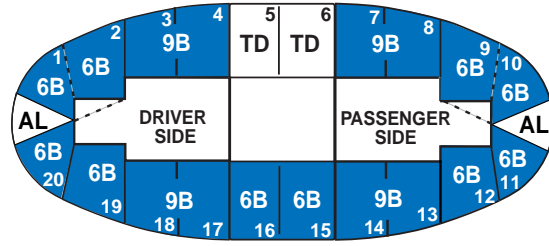
DYNAMAX™ Speaker

Bulletin #6102

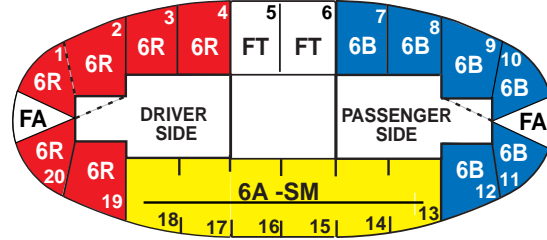
POPULAR MODELS



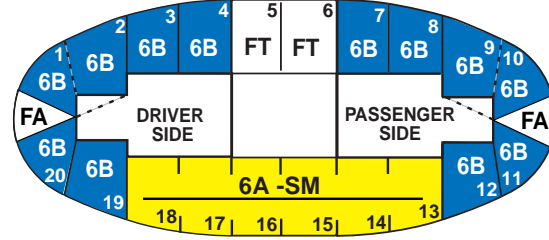
Model # 582004-00337



Model # 582004-00334



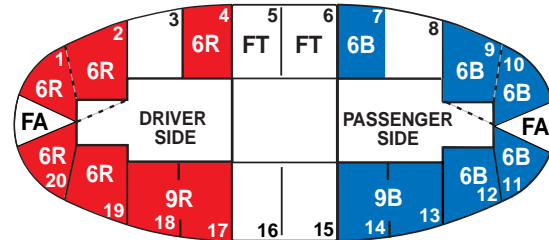
Model # 582004-00330



Model # 582004-00335

ARJENT SL LIGHTBAR DIAGRAM LEGEND

- 9A 9-LED flashing Gen III Amber, SOLARIS
- 9B 9-LED flashing Gen III Blue, SOLARIS
- 9R 9-LED flashing Gen III Red, SOLARIS
- 6A 6-LED flashing Gen III Amber, SOLARIS
- 6B 6-LED flashing Gen III Blue, SOLARIS
- 6R 6-LED flashing Gen III Red, SOLARIS
- TD Takedown Light
- FT Flashing Takedown Light
- AL Alley Light
- FA Flashing Alley Light
- 6A-SM 6-LED/6-Head SIGNALMASTER, Amber



Model # 582004-00336

HOW TO ORDER

Choose one of the popular models shown above or configure a model with the Specify All Options (SAO) forms on the Federal Signal website at www.fedsig.com/police:

- 582002-ARJSL 36-inch Arjent SL SAO form
- 582004-ARJSL 44-inch Arjent SL SAO form
- 582006-ARJSL 53-inch Arjent SL SAO form

For additional information on the Arjent SL LED Lightbar, contact your local distributor or call Federal Signal at (800) 264-3578.

TECHNICAL SPECIFICATIONS

Lighting Option	Current Draw	Lamp/Technology	Watts	Reflector Style
Takedown Light	3.9A*	bi-pin halogen	50W	Polished
Alley Light	2.7A*	bi-pin halogen	35W	Faceted Mirror
SOLARIS Assembly	.70 A/Amber	Gen III	-	-
6-LED	.70 A/Blue	Gen III	-	-
	.70 A/Red	Gen III	-	-
SOLARIS Assembly	1.05 A/Amber	Gen III	-	-
9-LED	1.05 A/Blue	Gen III	-	-
	1.05 A/Red	Gen III	-	-

*Amp Draw per pair when Takedowns or Alleys are flashing

DIMENSIONS

Model	Length		Height		Width		Volts	Operating Temp.	Controller
	in.	cm.	in.	cm.	in.	cm.			
582002	36	91.4	3.8	9.6	18.2	46.2	12.8 DC	-30° C to 65° C	(2) Intelli-Flash Flashers
582004	44	111.7	3.8	9.6	18.2	46.2	12.8 DC	-30° C to 65° C	(2) Intelli-Flash Flashers
582006	53	134.6	3.8	9.6	18.2	46.2	12.8 DC	-30° C to 65° C	(2) Intelli-Flash Flashers



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 Emergency Products

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