




# ARJENT® SL LED LIGHTBARS

available in: 



The latest evolution of the ultra-low profile Arjent® lightbar platform is the new Arjent SL. The Arjent SL, employs 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. Our 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. 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.

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.

## > 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.
- Brilliant, high-powered halogen takedown and alley lights.
- Available in 36", 44", 53", 62", and 71" 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.
- Five-year warranty on LED assemblies.

## > Approvals

- NFPA 1901 compliant models are available
- SAE J595
- SAE 1113/41 for RFI
- SAE J2498
- CCR Title 13



## > How to Order

Choose one of the popular models shown or configure a model with the Specify All Options (SAO) forms on the Federal Signal website at [www.fedsig.com/police](http://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
- 582008-ARJSL** 62-inch ARJENT SL SAO form
- 582009-ARJSL** 71-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.

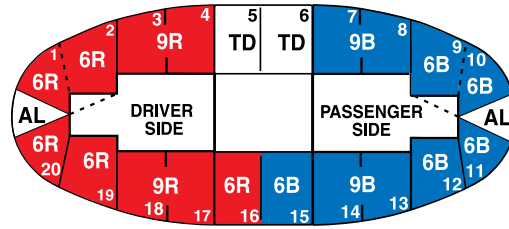
### Arjent SL lightbar diagram legend

- 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

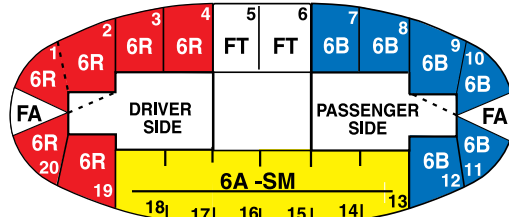
Technical Specifications				
Lighting Option	Current Draw	Lamp/ Tech	Watts	Reflector Style
Takedown Light	3.9A*	bi-pin halogen	50W	Polished
Alley Light Halogen	2.7A*	bi-pin mirror	35W	Faceted
Solaris Assemble 6-LED	1.0 A/Amber 1.0 A/Blue 1.0 A/Red	Gen III Gen III Gen III	— — —	— — —
Solaris Assemble 9-LED	1.50 A/Amber 1.50 A/Blue 1.50 A/Red	Gen III Gen III Gen III	— — —	— — —

\*Amp Draw per pair when Takedowns or Alleys are flashing.

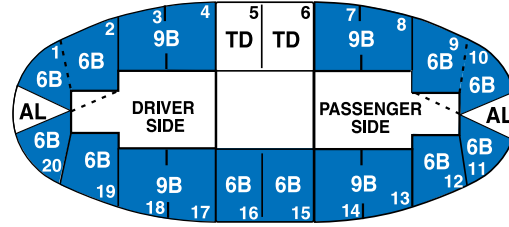
## Popular Models



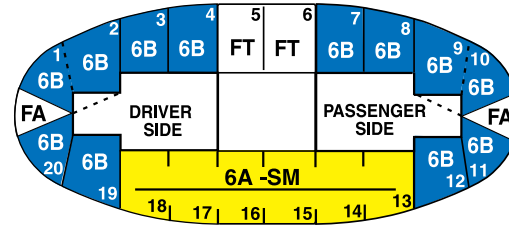
Model 582004-00804



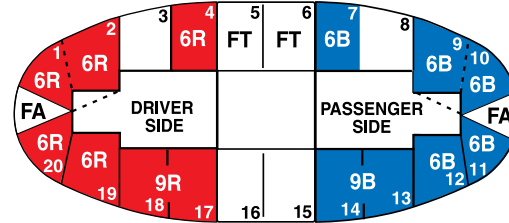
Model 582004-00805



Model 582004-00806



Model 582004-00807



Model 582004-00808

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



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