

VISTA SL LED LIGHTBAR



The VISTA™ SL LED lightbar is the newest member in the popular VISTA product line. Based on the established two-level, elliptical VISTA platform, the new SL version employs breakthrough SOLARIS™ LED reflector technology, for superior straight-ahead and off-axis performance, in a cost-effective package.

TWO-LEVEL PLATFORM

This new technology is packaged in the time-tested VISTA platform. Each VISTA lightbar is built upon a rugged extruded aluminum base and fully enclosed within a tough polycarbonate shell. The elliptical shape purposely offsets the lighthoods to provide significantly greater off-axis warning than traditional linear lightbars.

The upper primary warning level positions SOLARIS assemblies for uninterrupted, 360-degree coverage. This results in superior warning capability, especially in the critical 45-90 degree off-axis zones where emergency vehicles are most vulnerable to intersection cross traffic. And the primary level domes may be specified in clear, red, blue, or amber to increase emergency vehicle visibility and identification, even with the lightbar turned off.

The lower secondary level allows the addition of effective secondary warning LEDs, and excellent scene illumination with powerful takedown and alley lights. And the operation of

SOLARIS LEDs in this level can be configured as a SIGNALMASTER™ directional traffic light without interrupting the primary level warning lights.

VISTA 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. Permanent or hook mount feet come in neutral or black colors to blend with the vehicle paint.

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 VISTA SL lightbar can include SOLARIS LED reflectors in 6-LED or 9-LED versions that are available in amber, blue, red, and white to meet all requirements. And all SOLARIS assemblies are backed by a 5-year warranty.

QUICK REFERENCE

FEATURES

- Innovative two-level elliptical design offsets light assemblies to maximize off-axis and intersection warning effectiveness.
- Proprietary SOLARIS reflector technology for the highest optical efficiency with minimum vehicle amperage draw.
- Primary level uses brilliant SOLARIS LED assemblies for complete 360-degree warning coverage.
- Secondary level can accommodate additional LED warning lights, powerful halogen area lighting, and SIGNALMASTER directional lighting.
- Fully enclosed in aerodynamic polycarbonate domes for quiet, fuel-efficient performance.
- Rugged, extruded aluminum base for stability at all speeds.
- Available in 36-, 44-, 53-, 62-, and 71-inch lengths.

RELATED PRODUCTS

SMARTSIREN®, Siren/Control Systems
Bulletin #5113

DYNAMAX™ Speaker
Bulletin #6102

Headlight Flashers
Bulletin #3301

CUDA TRIOPTIC™ LED
Bulletin #4171

LIGHTING SPECIFICATIONS

Primary (Upper-Level) Warning Lights

LIGHTING OPTION	FPM	CURRENT DRAW (MAX)	LAMP TYPE	REFLECTOR TYPE
SOLARIS Reflector (6-LED)	various	0.7A	Semiconductor LED	Compound offset parabola
SOLARIS Reflector (9-LED)	various	1.05A	Semiconductor LED	Compound offset parabola

Secondary (Lower-Level) Warning Lights

LIGHTING OPTION	FPM	CURRENT DRAW (MAX)	LAMP TYPE	REFLECTOR TYPE
SOLARIS Reflector (6-LED)	various	0.7A	Semiconductor LED	Compound offset parabola
SOLARIS Reflector (9-LED)	various	1.05A	Semiconductor LED	Compound offset parabola
Alley Light	flashing steady	1.9A 3.9A	50W Bi-Pin Halogen	Polished parabola
Takedown/Spot Light	flashing steady	1.9A 3.9A	50W Bi-Pin Halogen	Polished parabola
Brake/Turn/Tail (6-LED)	-	0.7A	Semiconductor LED	Compound offset parabola
SIGNALMASTER Directional Light (6-hd)	various	4.2A	Semiconductor LED	Compound offset parabola
SIGNALMASTER Directional Light (8-hd)	various	5.6A	Semiconductor LED	Compound offset parabola

DIMENSIONS AND OPERATING SPECIFICATIONS

BASE MODEL NUMBER	LENGTH IN(CM)	HEIGHT IN(CM)	WIDTH IN(CM)	OPERATING VOLTAGE	OPERATING TEMPERATURE	CONTROLLER
581032	36.1(91.8)	18.3(46.5)	5.8(14.7)	12.8V	-30°C to 65°C	INTELLI-FLASH Flashers
581034	44.9(114)	18.3(46.5)	5.8(14.7)	12.8V	-30°C to 65°C	INTELLI-FLASH Flashers
581036	53.7(136.4)	18.3(46.5)	5.8(14.7)	12.8V	-30°C to 65°C	INTELLI-FLASH Flashers
581038	62.5(158.8)	18.3(46.5)	5.8(14.7)	12.8V	-30°C to 65°C	INTELLI-FLASH Flashers
581039	71.3(181.1)	18.3(46.5)	5.8(14.7)	12.8V	-30°C to 65°C	INTELLI-FLASH Flashers

How To Order STANDARD MODELS

Configure a model with the Specify All Options (SAO) forms on the Federal Signal website at www.fedsig.com:

581032-VSL	36-inch VISTA SL SAO form
581034-VSL	44-inch VISTA SL SAO form
581036-VSL	53-inch VISTA SL SAO form
581038-VSL	62-inch VISTA SL SAO form
581039-VSL	71-inch VISTA SL SAO form

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

