

# VISTA™ LIGHTBARS



*The VISTA™ multi level lightbar, available in strobe, halogen, and LED options, delivers superior emergency warning!*

## PRIMARY WARNING

The intentional offset arrangement of upper-level primary warning assemblies results in superior warning to the critical 45° and 90° traffic intersection angles, where emergency vehicles and cross traffic are most vulnerable.

Primary warning assemblies are available in strobe or halogen and both incorporate computer designed reflectors and lensing to provide precise, brilliant optics.

Incredibly bright and reliable halogen rotators provide effective primary warning. Mix or match rotator types, choosing speed 95, 120, or 175 flashes per minute, then coordinate agency specific colors by selecting either solid colored domes, full- or quarter rotator filter options.

## SECONDARY WARNING

What's more, VISTA™ lightbars have multiple lighting levels, adding effective secondary warning and superior scene illumination. Flashing alleys, takedowns, directional strobes,

steady burning halogen lights are but a few of the secondary assemblies available.

## RICOCHET™ STROBE POWER SUPPLY

The VISTA strobe version employs proprietary RICOCHET™ strobe power supplies, recently developed high-output reflector assemblies and new flash patterns.



*High-output strobe reflector assemblies*

The new flash patterns maximize the performance of the complete package and are selectable from the cable end, without opening the lightbar. Agencies may specify 4, 6, 8, 10 and 12 primary strobes heads depending upon the size of the bar. Whether it comes in strobe or halogen, VISTA delivers emergency warning performance!



*The RICOCHET Strobe System delivers powerful performance and better programming flexibility for flash patterns*

## QUICK REFERENCE

### FEATURES

- Innovative design incorporates offset light assemblies to maximize emergency warning.
- Aerodynamic housing and aluminum base provide fuel efficiency as well as stability.
- Primary lighting assemblies provide superior warning to the critical intersection angles.
- VISTA lightbars are available in 36", 44", 53", 62", and 71" lengths.
- VISTA Strobe models use the RICOCHET Strobe System and recently developed high-output strobe reflectors.
- Multiple lighting levels provide effective secondary warning and superior scene illumination.
- Select VISTA Secondary LED options for improved performance and efficiency.

### APPLICATIONS

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

### RELATED PRODUCTS

- SmartSiren®, Siren/Control Systems  
Bulletin #5113
- Dynamax™ Speaker  
Bulletin #6102
- Flashers  
Bulletin #3301
- Cuda TriOptics™  
Bulletin #4171
- Ricochet™ Strobe Power Supply  
Bulletin #4230

## INTERSECTION LIGHTING OPTIONS

Special intersection light assemblies allow more attention getting warning at critical 45° and 90° intersection angles. VISTABEAM™ strobes powered by the RICOCHET Strobe System provides powerful, strobe warning.



The 110° sweeping arch of the VISTARAY™ provides intense halogen lighting for increased coverage.

## REAR DIRECTIONAL AND WARNING OPTIONS

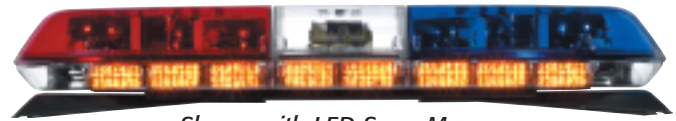
Besides effective rear direction, the SIGNALMASTER™ warns approaching vehicles for added safety. Optically enhanced lenses distribute light better for high visibility at off-axis angles.

The VISTA lightbar allows more secondary choices than ever before. For agencies with special needs, no other lightbars can match the versatility of the VISTA.

## LED LIGHTING OPTIONS

Select flashing, steady burning and SIGNALMASTER assemblies in LED for improved performance. Reduced amp draw and improved resistance to shock are just a few benefits of Federal Signal LED assemblies.

- LEDs are available as Gen. III, CUDA TRIOPTICS™ or Gen. I, T1¼ version.
- Extremely low amp draw reduces strain on vehicle electrical systems.
- There are no filaments, LEDs are encapsulated in epoxy which improves resistance to shock and vibration.
- Higher reliability means less vehicle downtime and a reduction in maintenance cost to departments.
- Precision placement of components and precision optics enhance Federal Signal LED performance.



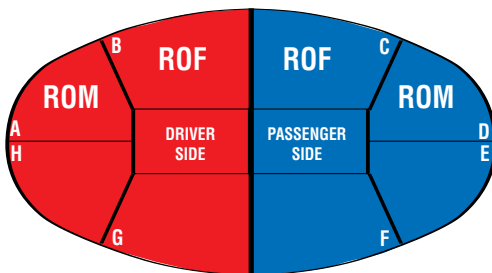
Shown with LED SIGNALMASTER.

## Popular Models

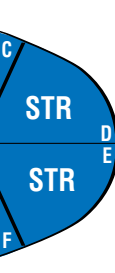
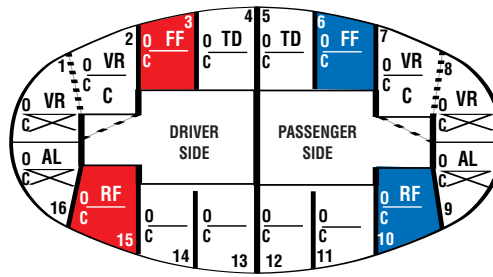
### Primary Lighting (Upper Level)

### Secondary Lighting (Lower Level)

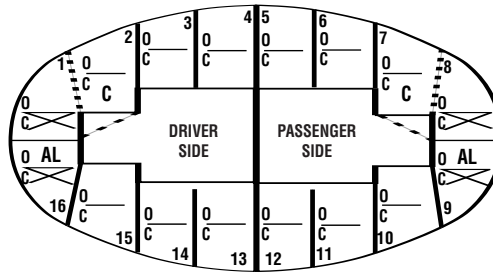
The top of each diagram represents the front of the vehicle.



Model #581002-00003



Model #581012-00002



### VISTA DIAGRAM LEGEND

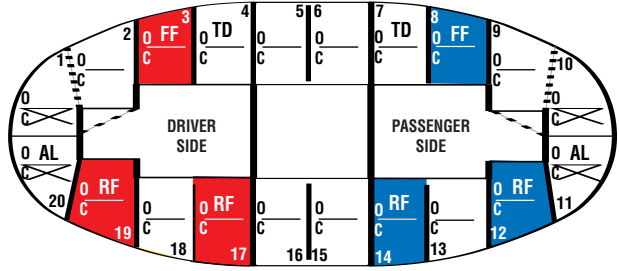
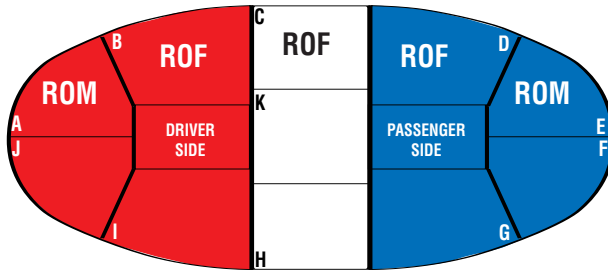
ROM	120 FPM Rotator
ROF	175 FPM Rotator
TCL	Traffic Clearing Light
STR	Ricochet Strobe System
AL	(1) Pair Alley Lights
TF	(1) Pair Takedown Lights
VR	(1) Pair VISTA Ray, Halogen Intersection Sweepers
FF	(1) Pair Flashing Lights
RF	(2) Pair Flashing Lights
VB	VistaBeam Strobe Head
DS	Directional Strobe Head
SM	6-Head SignalMaster, Halogen, Amber

# Popular Models

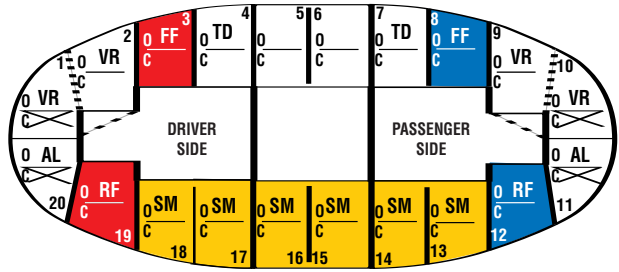
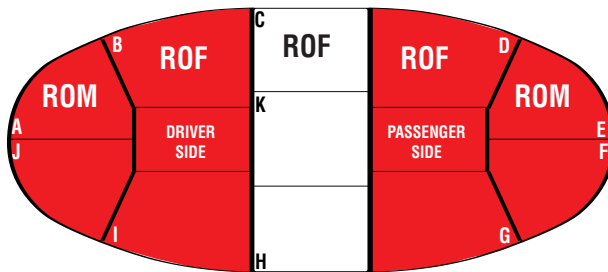
## Primary Lighting (Upper Level)

## Secondary Lighting (Lower Level)

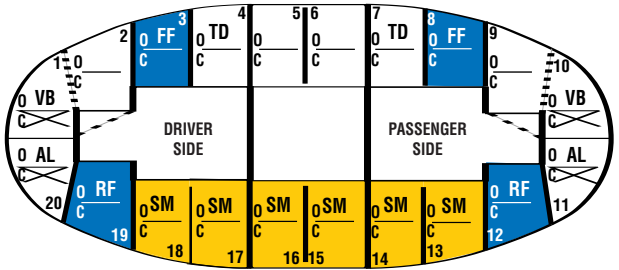
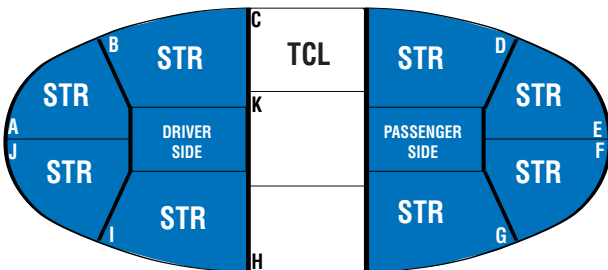
The top of each diagram represents the front of the vehicle.



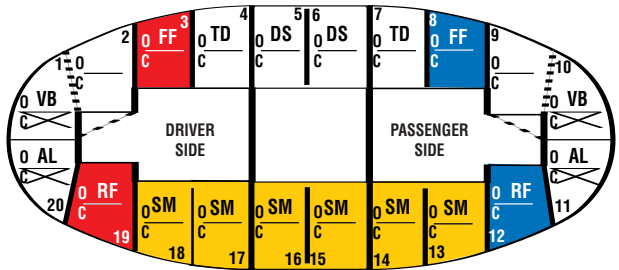
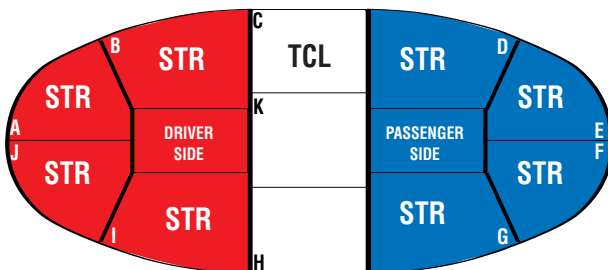
Model #581004-00004



Model #581004-00006



Model #581014-00004



Model #581014-00005

DIMENSIONS								
Model	Length		Width		Height		Approximate Shipping Weight	
	in.	cm	in.	cm	in.	cm	lbs.	kg.
36"	36.1	91.8	18.3	46.5	5.8	14.7	29.0	13.2
44"	44.9	114.0	18.3	46.5	5.8	14.7	51.0	23.2
53"	53.7	136.4	18.3	46.5	5.8	14.7	61.0	27.7

## TECHNICAL SPECIFICATIONS

LIGHTING OPTION	FPM	CURRENT DRAW	LAMP TYPE	WATTS/ JOULES	RELECTOR TYPE	LENS AVAILABLE
<b>Primary Sources</b>						
Strobe Head @ std. power	various	-	linear strobe	15W/Head	polished	Y
Strobe Head @ low power	various	-	linear strobe	7.5W/Head	polished	Y
Power Supply (4/6 head)	-	5.5A/8.0A	-	60W/90W	-	-
<b>Primary (Upper-Level) Warning Lights</b>						
Rotating Light - Standard	95	3.9A	bayonet halogen	50W	polished	Y
Rotating Light - Medium	120	3.9A	bayonet halogen	50W	polished	Y
Rotating Light - Fast	175	3.9A	bayonet halogen	50W	polished	Y
<b>Center Section (Upper-Level) Warning Lights</b>						
Oscillator	240	3.9A	bayonet halogen	50W	polished	Y
Meteor TCL	various	3.9A	bayonet halogen	50W	polished	N
<b>Secondary (Lower-Level) Sources</b>						
Alley Light	steady	3.9A	bi-pin halogen	50W	polished	N
Flashing Alley Light	flash or steady	3.9A	bi-pin halogen	50W	polished	N
Takedown/Spot Light	steady	3.9A	bi-pin halogen	50W	polished	N
Flashing Takedown Light	flash or steady	3.9A	bi-pin halogen	50W	polished	N
Flashing Light	90	2.7A	bi-pin halogen	35W	diffused	Y
SignalMaster™ Light	various	2.1A	bi-pin halogen	27W	diffused	Y
Steady Burn/Work Light	steady	3.9A	bayonet halogen	50W	polished	N
Brake/Turn/Tail Lamp	-	2.1A/0.6A	incandescent	32W/3W	diffused	Y
VistaRay ICL	190	3.9A	bayonet halogen	50W	polished	N
Directional strobe	various	-	helical strobe	10W/Head	polished	N
Power Supply (2/4 head)	-	4.0A	-	40W	-	-
<b>LEDs</b>						
TriOptic Heads	-	1.05A	-	-	-	-
Solaris Head	-	.70A	-	-	-	-

*Note: To calculate total current draw of LED devices multiply individual head current draw by the number of heads energized at any one time.*

### HOW TO ORDER STANDARD MODELS

Choose one of the popular models listed above or use Federal Signal's Specify All Options (SAO) form numbers:

- 581002-VHS      36" VISTA Halogen or Strobe SAO Forms
- 581004-VHS      44" VISTA Halogen or Strobe SAO Forms
- 581006-VHS      53" VISTA Halogen or Strobe SAO Forms
- 5810024-VHS     44" VISTA Combination Halogen or Strobe SAO Forms
- 5810026-VHS     53" VISTA Combination Halogen or Strobe SAO Forms

The above forms are located on our website at [www.fedsig.com](http://www.fedsig.com). For additional information on the VISTA SL LED Lightbar, contact your local distributor or call us at (800) 264-3578. Remember to specify your mount kit type, color and dome color when ordering.

*An ISO 9001 Certified Supplier*  
 **FEDERAL SIGNAL CORPORATION**  
 Emergency Products  
 2645 Federal Signal Drive, University Park, IL 60466-3195  
 Tel.: (800) 264-3578 • Fax: (800) 682-8022  
 Web: [www.fedsig.com](http://www.fedsig.com)

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