

Technical specifications:	
Voltage:	12V or 24V
Dimensions:	520 1100 x 470 - 690 x 140 mm mm
Available lengths:	3 pods (520 mm), 5 pods (1000 mm) 7 pods (1100 - 1200 mm)
LED colours:	Blue (12V), amber (12V and 24V), red (12V)

HOW TO ORDER

Choose reference from below:

Specify All Options System

VL-3	520 mm Lightbar, (3) pods, wiring harness.
VL-5	1000 mm Lightbar, (5) pods, wiring harness.
VL-7	1100 mm - 1200 mm Lightbar, (7) pods, wiring harness.

*(VECTOR® VL SERIES do not have rear plate).

** (Mounting is not kit included in price and must ordered separately).

Lighting Options

VL-SL	(1) modules of (15) high-intensity LEDs with parabolic reflector, blue (UN R65 Approved), amber (UN R65 Approved) or red (UN R65 Approved) light, permanent mount, multivoltage.
VL-R	(1) Belt-driven rotator pod, 120/130 FPM, halogen lamp. UN R65 approved.
VL-E	(1) 360° Strobe head pod, 120 double flashers, w/ power supply, (1) cruise light. UN R65 approved.
VL-AUX/3	(1) Auxiliary pod, (3) alley lights, (1) takedown, (1) rear amber LED light.
VL-AUX/4	(1) Auxiliary pod, (2) alley lights, (1) takedown, (1) rear amber LED light.
VL-VV	(1) VisiVector search light integrated in the pod, (1) 55W lamp and home position, 12V.
VL-CLD	Sputnik Stop Light, (2) high intensity compact LED light, red light, Control head with the following functions: on/off, flashing mode, automatic deactivation, manual deactivation by mean of handbrake and optional connection to one or two Microled, 12V.
VL-CLD-B	Sputnik High intensity directional LED set, (2) high intensity compact LED light, blue light, Control head with on/off functions, 12V.

Acoustic Options

VL-SCS1000	SCS1000, compact siren integrated with 16 selectable tones. Installation included.
VL-SCS1000-FG	SCS1000-FG, compact siren integrated with special tones for Germany (approved) and France. Installation included.
VL-SCS1000N	SCS1000N, Neodymium compact siren integrated with special tones for Italy. Installation included.
VL-SCS1000N-FG	SCS1000N-FG, Neodymium compact siren integrated with special tones for Germany and France. Installation included.

SignalMaster

VL-LSL6KS	SignalMaster, directional lighting system, (6) LED modules, with controller, amber.
VL-LSL8KS	SignalMaster, directional lighting system, (8) LED modules, with controller, amber.
VL-LSL6	SignalMaster, directional lighting system, (6) LED modules, without controller, amber.
VL-LSL8	SignalMaster, directional lighting system, (8) LED modules, without controller, amber.

** (Control purchased separately. See Signalmaster controllers or Integrate Control System ICS).

Mount Accesories

VL-FP	Permanent mounting kit.
VL3-FMG	Magnetic mount VL3.
VL-FT	Hook-on mounting bracket (hook-on not included).
VL-CT19	Roof connector, 19-ways.
VL-CT23	Roof connector, 23-ways.

VECTOR SOLARIS Series

Configurable Lightbars



VECTOR SOLARIS Series



Federal Signal Vama improves one of the most successful lightbars of the market, incorporating new technology Solaris, and creating the new **Vector Solaris**. This technology adds greater and more efficient light intensity at the main advantages of Vector lightbar. Thanks to its flexibility, this lightbar can be installed on police vehicles, ambulances, medical services, fire, rescue, etc. Other advantages of **Vector Solaris** are:

-  **HIGH INTENSITY.** Solaris technology and its special spread lens can maximize light beam distribution through 360° around the vehicle, avoiding dark spots.
-  **TOTAL INTERSECTION VISIBILITY.** Its revolutionary V-shaped design maximizes vehicle visibility at critical 45° and 90° degree angles.
-  **INDEPENDENT PODS.** Each pod can accommodate various features such as LED, strobe or halogen headlight, front, alley or rear amber lights, stop light, compact siren, search light, etc.
-  **LOW AMP AND LONG LIFE.** Optimizes vehicle battery performance.



APPROVALS

Blue, amber and red lights satisfy R65 European Directive. All models satisfy Electromagnetic Compatibility Directive 2004/104. With IP protection IPX6.

Available colours:



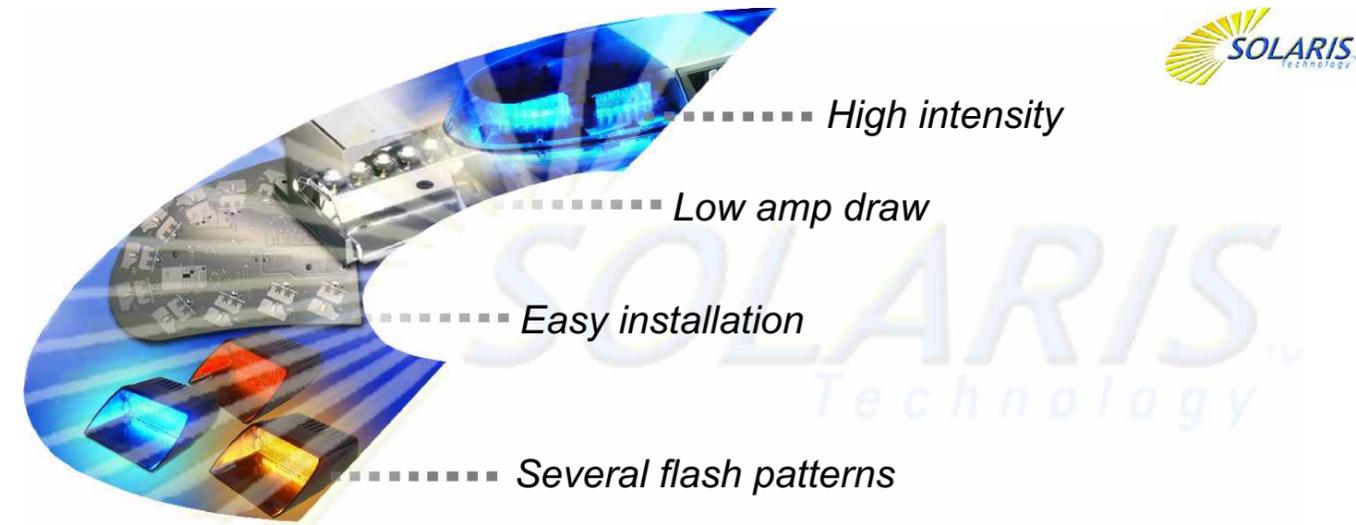
PERFECT VISIBILITY AT THE MOST CRITICAL ANGLES



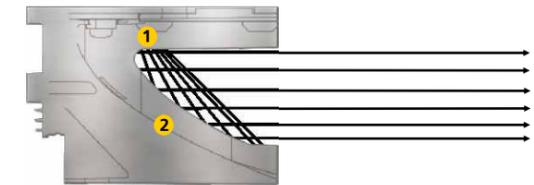
90° angle



45° angle



Federal Signal Vama offers to his customers, the high performance and efficiency **Solaris** technology. Traditional light systems spread it in a random direction, LED **Solaris** Technology reflects a strong light beam where it is needed most, on a wide angle, avoiding dark spots.



- 1 Last generation LED diodes.
- 2 Parabolic reflector maximizes LED light intensity.

An independent module configuration with multiple settings:

- Latest-generation Solaris LED module with advanced optical design, high intensity and low consumption.
- Strobe module with cruise light and incorporated power supply.
- Belt-transmission rotating module.
- Search light module with remote control unit and return position.
- Auxiliary 4 light module: right, left and front side (halogen lamp); and rear LED module amber.
- Auxiliary 3 light module: right or left and front side (halogen lamp); and rear LED module amber.
- Compact siren module (30W).



Front light



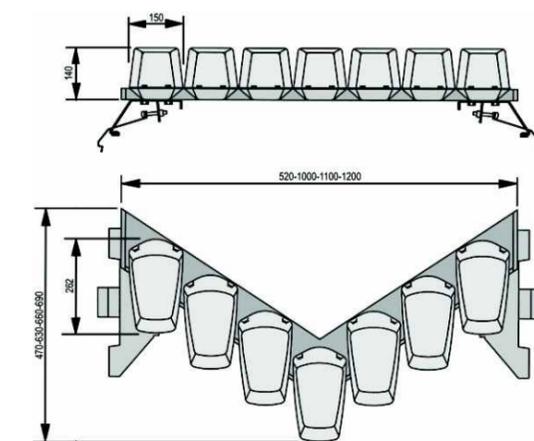
Rear light



Stop light



SignalMaster



Vector Solaris dimensions in mm.