



FEDERAL SIGNAL VAMA

Protecting people and our planet

BI FROST

LED lightbar



POLICE

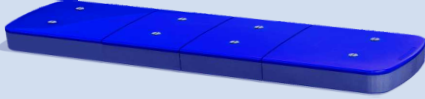
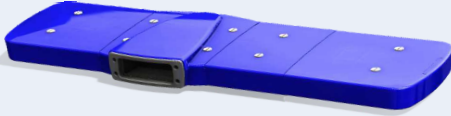
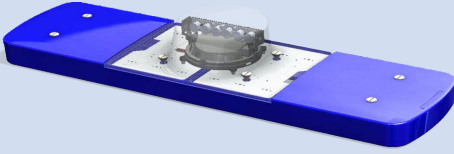
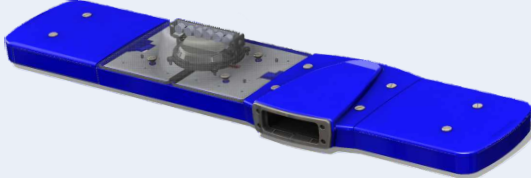
BIFROST

Federal Signal Vama presents the new **BIFROST lightbar** with LED technology, low profile and aerodynamic design. It allows to integrate a 100W speaker, a 100W siren-amplifier AS600 and a LED searchlight, becoming the most versatile low profile lightbar on the market.

Its design is completely modular and flexible, both in its structure and different LED modules, allowing a quick replacement of each module. It has multiple lighting options: main lights and extension lights with cruise function, illuminated sign, SignalMaster KS, front, rear and / or lateral work lights and independent flashing lights among others.

Additionally, the different lower bases and upper lenses are configurable: Spreader or Smooth lower base, available in blue, amber, red and clear. The upper lenses are available in blue, amber, red and clear.

THE BIFROST LIGHTBAR IS CONFIGURABLE WITH THE FOLLOWING OPTIONS

LINEAR SHAPE		
WITHOUT SPEAKER		AVAILABLE LENGTHS: Linear lightbar: 600, 800, 1000, 1200, 1400, 1600 and 1800 mm.
WITH SPEAKER		Linear lightbar with speaker: 900, 1100, 1300, 1500 and 1700 mm.
WITH SEARCH LIGHT		Linear lightbar with search light: 900, 1000, 1100, 1200, 1300 and 1400 mm.
WITH SPEAKER AND SEARCH LIGHT		Linear lightbar with speaker and search light: 1200, 1300, 1400, 1500 y 1700.

SUPERIOR LENS available in the following colors:



LOWER BASE, lenses available in the following colors and finishes (smooth or spread):











LED MODULES available in the following colors:



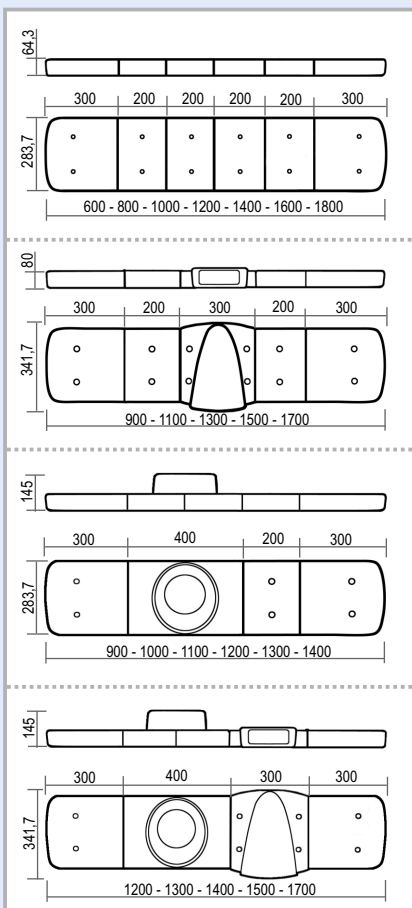
*Only available as bicolor extension lights and/or monochrome extension light plus SignalMaster.



-  **SIREN + SPEAKER INTEGRATION:** Optimizes installation and maintenance costs.
-  **MODULAR STRUCTURE:** Its modular structure allows the replacement of each individual light module quickly and comfortably.
-  **LOW PROFILE:** Its low profile minimizes aerodynamic drag and gives it an attractive design.
-  **360° LIGHT DISTRIBUTION:** The Solaris technology and the special spread of its lens allow to maximize the distribution of the light beam in the 360° that surround the vehicle, avoiding the appearance of any type of shadows.
-  **DUAL COLOR:** Available in the main warning lights and extension lights.
-  **COMMUNICATION:** Available with analog and CANBUS control.
-  **DAY/NIGHT FUNCTION:** Main warning lights and extension lights.
-  **LAMP FAILURE:** Main warning lights.

MODULAR STRUCTURE FOR QUICK AND CONFORTABLE REPLACEMENT OF THEIR LEDs MODULES:

Dimensions and structures examples



SEARCH LIGHT

- ✓ 6 LED Strip
- ✓ 360° coverage
- ✓ UV Resistance
- ✓ Light Output: 50,000 Cd.
- ✓ Size: 200 x 235 x 80 mm



CAN BUS CONTROL HEADS



ANALOG CONTROL HEADS



TECHNICAL SPECIFICATIONS

Input voltage:	10-30V							
Operating temperatura	-40+65°C							
	Current Draw with 13,5V voltage				Current Draw with 27V voltage			
	Fixed (A)	Flash		Cruise (A)	Fixed (A)	Flash		Cruise (A)
		Day (A)	Night (A)			Day (A)	Night (A)	
Linear priority lights: blue and red	-	2.40	1.08	0.29	-	1.20	0.54	0.14
Linear priority lights: amber	-	1.80	0.81	0.22	-	0.90	0.41	0.11
Alley Lights: white	0.55	-	-	-	0.28	-	-	-
Auxiliary modules: amber	0.35	0.18	0.08	0.02*	0.18	0.09	0.04	0.01*
Auxiliary modules: blue, red and white	0.55	0.28	0.12	0.03*	0.28	0.14	0.06	0.02*



HOW TO ORDER:

Consult the options of the current Price List or Product Guide.

