

# BI-FROST-V

LED lightbar







# BIFROST-V

Federal Signal Vama presents the new **BIFROST-V** lightbar with LED technology, low profile and aerodynamic design. Its V-shape design offers a greater efficiency in emergency situations and risk reduction in the intersections. It allows to integrate a 100W speaker and a 100W siren-amplifier AS600.

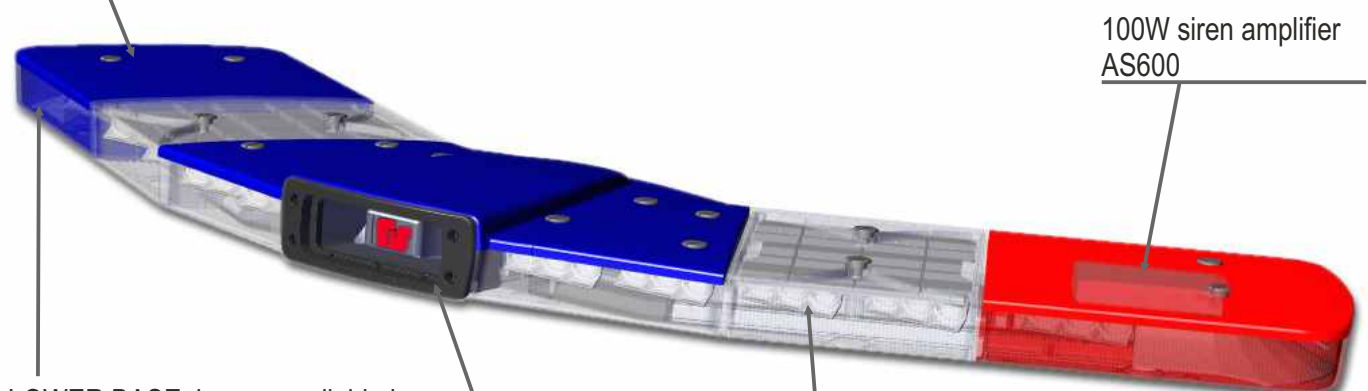
Its design is completely modular and flexible, both in its structure and different LED modules, allowing a quick replacement of each module. It has multiple lighting options: main lights and extension lights with cruise function, illuminated sign, SignalMaster, front, rear and / or lateral work lights 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-V LIGHTBAR IS CONFIGURABLE WITH THE FOLLOWING OPTIONS

"V" SHAPE	
1100 MM LENGHT WITHOUT SPEAKER	
1100 MM LENGHT WITH SPEAKER	
1500 MM LENGHT WITHOUT SPEAKER	
1500 MM LENGHT WITH SPEAKER	

SUPERIOR LENS available in the following colors:



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



100W SPEAKER










100W siren amplifier AS600

LED MODULES available in the following colors:



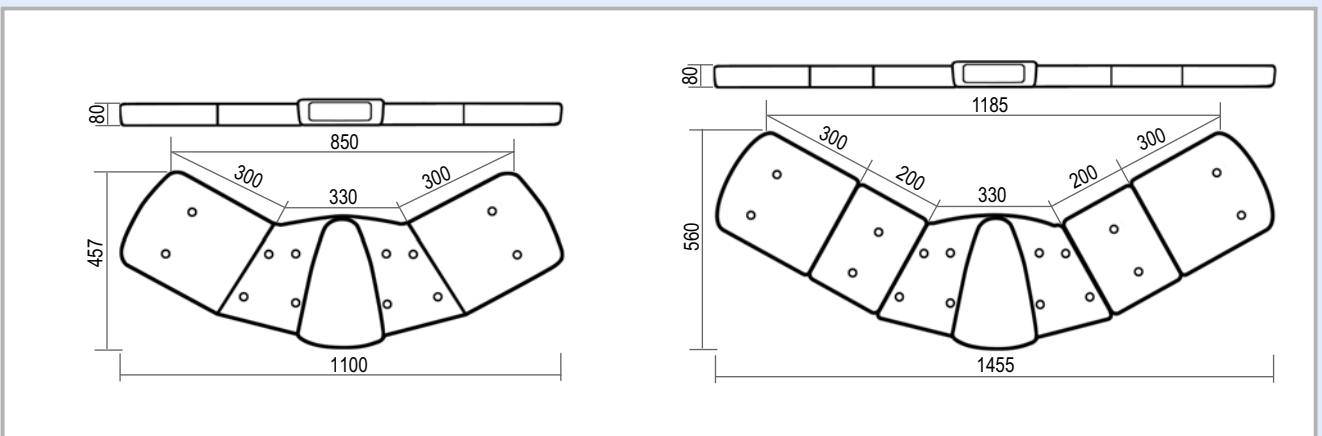
\*Only available as bicolor extension lights and/or monocolor extension light plus SignalMaster.



-  **V-SHAPE:** More efficient in critical situations, specially in the intersections.
-  **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 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 in mm.



## CAN BUS 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)	
Priority lights: blue and red	-	3.60	1.62	0.44	-	1.80	0.81	0.21
Priority lights: amber	-	2.70	1.22	0.33	-	1.35	0.61	0.17
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*

SAE  
J845  
Class 1

R65  
Class 1

R10  
EMC

## HOW TO ORDER:

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

