



**FEDERAL SIGNAL VAMA**

*Protecting people and our planet*

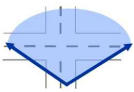
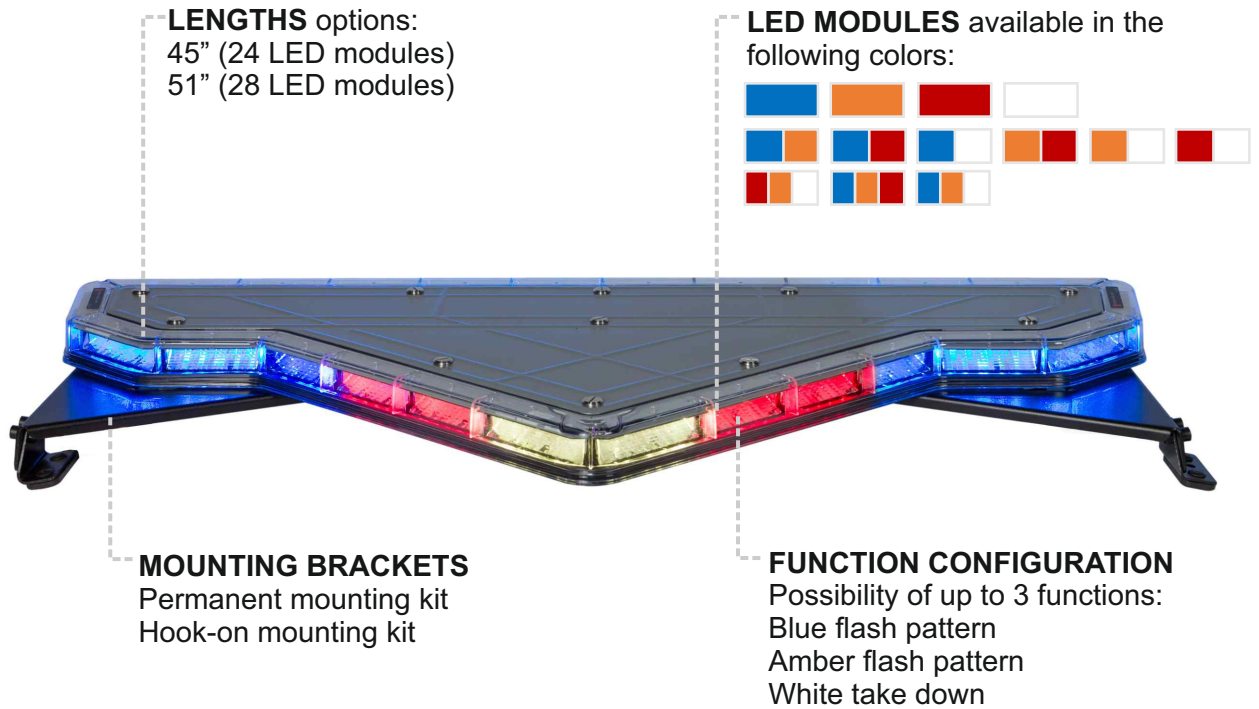
# VALOR<sup>®</sup>

Low profile V-shaped lightbar



# VALOR®

The **Valor®** Lightbar is the first and only low profile V-shaped LED lightbar. A lightbar that increases visibility, optimizes performance, and reduces risk to any emergency situation. The Spectralux technology provides a fully programmable range of color combinations for optimum warning capability to flood light performance.



## INCREASED SAFETY

The V-shaped design provides coverage of critical angles at intersections.



## SOLARIS® LED LIGHTS

Solaris LED reflector design to significantly maximize the LED light source for full light coverage.



## SPECTRALUX® TECHNOLOGY

Provides the ability for a LED light head to change the color of the LEDs (red, blue, amber and white) according to the desired configuration.



## ROC TECHNOLOGY

Lineal circuit board-to-board connection which reduce the number of electrical connections in a lightbar.



## UNIQUE DESIGN

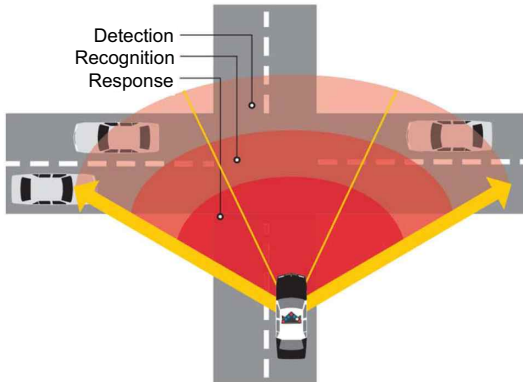
Valor lightbar design is FEDERAL SIGNAL use exclusively due to European Union Community Design registration 001925753-0001.

## CAN BUS

### CAN BUS

The Valor® lightbar communicates with the control head via CAN BUS technology.

# V-SHAPED DESIGN



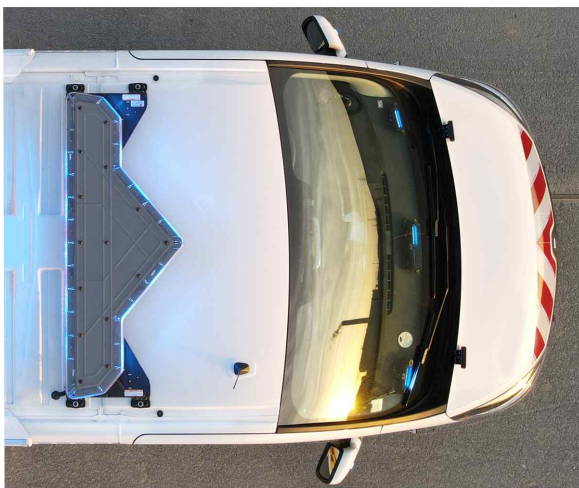
The V-shape and low profile design illuminates the critical broader area at 45° and 90° intersection points.

In a moving situation as the emergency vehicle approaches and intersection, its lights and audible devices notify on-coming vehicles through three stages: detection, recognition and response.

## Technical Specifications

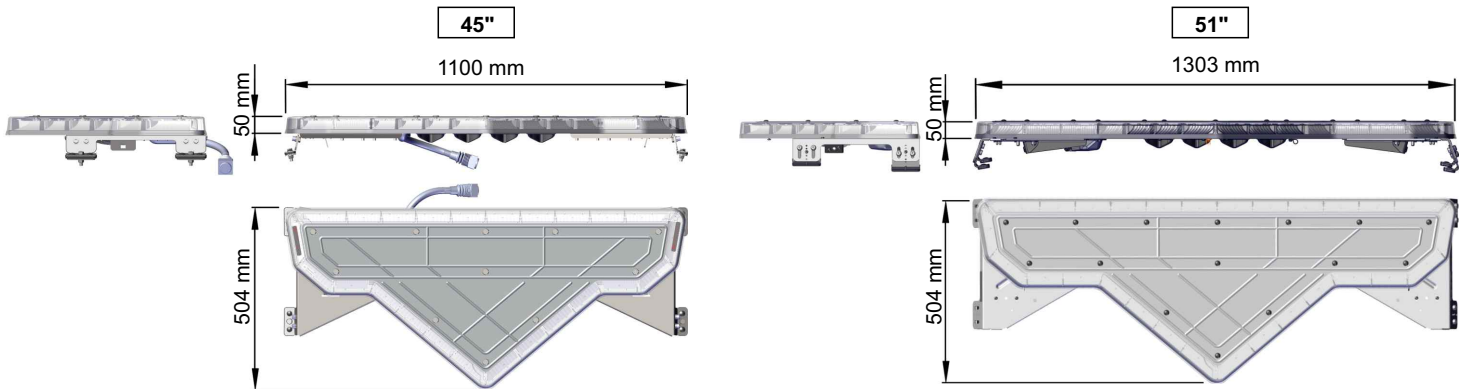


Voltage	12V
Temperature of use	-40°C to 65°C
LED colour	Blue, amber, red and white
Lens colour	Clear
Number of LED modules	45": 24 modules – 51": 28 modules
Dimensions (L x W x H)	45": 1110 x 504 x 50 mm - 51": 1303 x 504 x 50 mm
Weight (with mounting brackets)	45": 17,8 kg - 51": 19,6 kg





## Dimensions Valor®



## How to order

### Reference Description

#### Configurable system

- VALR44 44" lightbar Valor Serires, with 24 modules of 1 color (amber, blue, red or white).
- VALR51 51" lightbar Valor Serires, with 24 modules of 1 color (amber, blue, red or white).
- VALR-2C Two-color modules (combinations of amber, blue, red or white)
- VALR-3C Three-color modules (combinations of amber, blue, red or white)

#### Converter ANALOG CAN BUS

- 2006036 Inputs box to convert a CAN BUS lightbar in an analog system (the functions are activated through positive cable)

#### Accessories

- 8234204 Hook-on mounting kit (hook-on not included)
- 8234205 Permanent mounting kit
- A-CT19 19 ways roof connector for Valor