

Connection options

- Wiring harness (standard).
- Roof connector, 19 Ways (standard option).



Roof connector

Mount accesories.

Vehicle roof mounting systems

- **Direct permanent mount fixation to the roof by means of a spacer** (included with the lightbar)

Valid for all vehicles with a roof curve of less than 26 mm and lightbars with wiring harness.



Permanent mount fixation

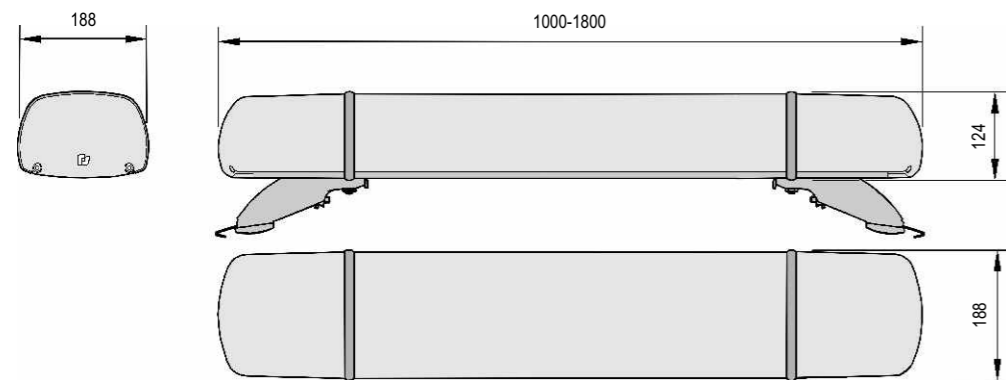
Permanent mount fixation to the roof (optional. Recommended for lightbars with roof connector). Valid for all vehicles.

- **Hook-mount fixation** (optional. Recommended for lightbars with roof connector) Contact Commercial Department for availability by vehicle model..

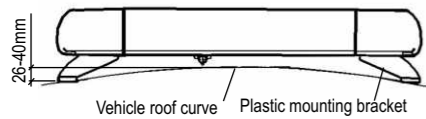
- **Mounting bracket kits according to roof curve**

Low mounting bracket kit (curve less or equal to 26 mm).

High mounting bracket kit (curve to 26 until 40 mm).



4000 Solaris, 3000 and 2000 Series lightbar. Dimensions (mm)



4000 Solaris, 3000 and 2000 Series lightbar. Vehicle roof curve height (mm)

Contact with our sales Department for the diferents combinations.

4000/3000/2000 Series

Configurable lightbars



4000/3000/2000 Series



Federal Signal Vama presents the **4000, 3000 and 2000 Series**, lightbars with one priority light level, compact and reliable, that combines the performance qualities of a lightbar of high quality with a reduced cost.

The **4000 Solaris series** lightbar is formed by a high-efficiency PC board with integrated microprocessor, 15 high-luminosity LED diodes placed on the multivoltage (10-30V) PC board and a parabolic reflector. ROC Solaris provides exceptional 360-degree coverage, which eliminates dark spots and creates superior off-axis warning around the lightbar.

3000 Series has high-power strobe priority lights and power supply integrated in the lightbar.

2000 Series is made up of high-efficiency rotating halogen priority lights.

The three series give a broad range of configuration options for priority and complementary warning.

Available lightbar lengths from 1000 to 1800 mm.

The different roof mounting systems as well as watertight roof connector option provides a wide versatility.

Ideal installation for priority emergency warning (warning lights), complementary and acoustic warning of police vehicles, ambulances, medical services, firetrucks, rescue and other emergency vehicles.



4000 Solaris Series. LED priority lights lightbar

360° optical system (R-65)

Two or four ROC Solaris rings multivoltage of 15 LEDs in 1 or 2 levels.

It's also possible to add two or four rings more (1 or 2 levels) in the middle of the lightbar.

Available colours: blue, amber and red



3000 Series. Strobe priority lights lightbar

360° optical system with 2 strobe lights (R-65 approved)

Two xenon gas discharge lamps and one FA-702B/DF power supply with lamp failure detection.

360° optical system with 4 strobe lights (R-65 non-approved)

Four xenon gas discharge lamps and one FA-706 2D 6S power supply with lamp failure detection.

360° optical system with 6 strobe lights (R-65 non-approved)

Six xenon gas discharge lamps and one FA-706 2D 6S power supply with lamp failure detection.



2000 Series. Rotating halogen priority lights lightbar

360° optical system

Two independent belt-driven rotators.

360° synchronised optical system

Two sets formed each one by two synchronized belt-driven rotators.



Cruise light. 4000 Solaris, 3000 and 2000 Series

Warning: In accordance with the Spanish General Regulation for vehicles, it is only allowed on police vehicles. The traffic authorities may question its use on other emergency vehicles.

For rest of other countries, consult the current national highway code. The local traffic authorities may question its use.

Approvals

4000 Solaris, 3000 (with two strobes) and 2000 Series in blue and amber colours comply with R-65 European Regulation.

4000 Solaris, 3000 and 2000 Series are approved according to the European Directive 2006/28/CE on Electromagnetic Compatibility.

Mirrors. 4000 Solaris, 3000 and 2000

These increase the luminosity of rotating halogen, strobe and Solaris priority lights, available in specific configurations.

Configurable options. 4000 Solaris, 3000 and 2000 Series

Secondary options

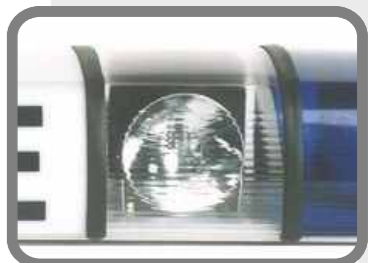
- Front halogen lights, 55W (12V) or 70W (24V) (Incompatible with Brake/Turn/Tail lights).
- BTT-LED, Brake / Turn / Tail lights, rear, bitension. (Incompatible with Front halogen lights).
- Rear halogen heads of 55W (12V) or 70W (24V).
- Alley halogen heads of 55W (12V) or 70W (24V).
- SML1 modules, rear, with recommended tail light option, amber and red colours, 12V or 24V.
- (3) High-intensity Solaris LEDs modules with parabolic reflector, front or rear, steady burn or flashing mode, amber, blue, red or white, (bitension).

Sign options

- Central Illuminated Sign (front and rear).
- Standard messages and complex logotypes made in vinyl, with message and colour according to request client, on outside domes in opal colour, front and/or rear.

Directional warning options

- Halogen SignalMaster, 6 or 8 modules, 12V or 24V.
- Kontrol Series Halogen SignalMaster, 6 or 8 modules, control head, 12V or 24V.
- Solaris LED SignalMaster, 6 or 8 modules of (3) high-intensity LEDs with parabolic reflector, colour red, amber or blue, (bitension).
- Kontrol Series Solaris LED SignalMaster, 6 or 8 modules of (3) high-intensity LEDs with parabolic reflector, control head, colour red, amber or blue, (bitension).



Front halogen light



Alley halogen light



Central illuminated sign