



Phoenix Series

CONFIGURABLE LIGHTBARS

Federal Signal Vama presents **Phoenix Series**, last generation and high efficiency lightbars, with aerodynamic and versatile design.

Phoenix Sputnik Series stands out for its latest-generation Sputnik LED priority lights with advanced optical design, high intensity and reduced consumption.

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

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

The Phoenix Series gives an extremely broad range of configuration options that meet even the most demanding needs and requirements.

- The rounded form design of side domes increases the efficiency of the priority lights, simultaneously that provides better watertightness and aerodynamic.
- The priority light domes are available in amber, blue, red and clear. Central domes available in colours amber, blue, red, clear and opal.
- Made in high-strength injected polycarbonate, the domes of the Phoenix Sputnik and Strobe Series are engraved on the inner face to provide better horizontal light distribution and are smooth in Phoenix Halogen Series.
- Watertight plastic joints.
- Lightbar lengths from 400 to 1800 mm.
- Connection by means wiring harness (standard) or 23 ways roof connector (optional).
- Permanent or detachable hook mounting on vehicle roof.
- 12V or 24V power source.
- Ideal installation for priority emergency warning (warning lights), complementary and acoustic warning of police vehicles, ambulances, medical services, firetrucks, rescue and other emergency vehicles.



Phoenix Sputnik Series lightbar

Phoenix Series

Approvals

Sputnik, Strobe and Halogen Phoenix Series in amber and blue colours comply with R-65 European Regulation.

All Phoenix Series comply with the European Directive 95/54/CE on Electromagnetic Compatibility.

Phoenix Sputnik Series. LED priority lights lightbar

360° optical system (R-65 approved)

One or two priority lights levels with 28 or 56 Sputnik LEDs and control unit with lamp failure detection.

Directional optical system (R-65 not approved)

One or two priority lights levels, front or rear, with 14 or 28 Sputnik LEDs and control unit with lamp failure detection.

Consult our Commercial Department for approved configurations.

Phoenix Strobe Series. Strobe priority lights lightbar

360° optical system (R-65 approved)

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

Directional optical system (R-65 approved)

Four xenon gas discharge lamps and FA-188/4DF power supply with lamp failure detection.

Phoenix Halogen Series. Rotating halogen priority lights lightbar

360° optical system (R-65 approved)

Two independent belt-driven rotators (R-65 approved) or four rotators (R-65 not approved).

360° synchronised optical system (R-65 approved)

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

Cruise Light

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.

Mirrors. Strobe and Halogen Phoenix Series

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

Configurable options. Phoenix Series

Secondary options

Front halogen lights, 55W (12V) or 70W (24V).

Front halogen lights, 55W, and LEDs Sputnik with "Stop Light" function.

Rear halogen lights, 55W (12V) or 70W (24V), with flasher option.

Alley halogen lights, 55W (12V) or 70W (24V) integrated in the lightbar.

Rear and front strobe lights.

Visibeam II, search light with remote control, 55W (12V), 100W (12V) or 65W (24V).

Sputnik LEDs modules, front or rear, steady burn or flashing mode, amber, blue and red, 12V.

Sputnik LEDs modules, front or rear, amber and blue, 12V (synchronized auxiliary lights with priority lights. Only available in Phoenix Sputnik Series).

Acoustic options

100W speaker integrated in the lightbar (available in black or white colour).

30W compact siren integrated in the lightbar with 16 available tones (Two Tones, Wail, Yelp, etc) or with tones for Germany and France.

AS-250 100W siren amplifier, (Two Tones, Wail and Yelp tones), without public address.



Sputnik LED priority lights



Front halogen light



Speaker integrated in the lightbar

Phoenix Series

Sign options

Central illuminated sign (front and rear) or reflector (front or rear).

Fixed screen-printed message, according to available colours and messages, on opal panel installed inside the lightbar. Three standard lengths.

SmartSign programmable LED sign with 200 user-programmable messages (means of TPL700 or SmartSign Message Editor). Front or rear sign. Red lens.

LCD700. Control head. Available in Spanish, English, French and Italian.

TPL700. Programming terminal. Available in Spanish, English, French and Italian.

SmartSign Message Editor. PC program for editing and downloading messages.

Directional warning options

SignalMaster, halogen, six or eight modules, 12V or 24V.

SignalMaster, halogen, Kontrol Series, six or eight modules, control head, 12V or 24V.

SignalMaster, Sputnik LED, six or eight modules, amber, upper, middle or lower position, 12V or 24V.

SignalMaster, Sputnik LED, Kontrol Series, six or eight modules, amber, control head, upper, middle or lower position, 12V or 24V.

Connection options

Wiring harness (standard).

Roof connector, 23 Ways.

Mount accessories. Vehicle roof mounting systems

Permanent roof mount

Suitable for all vehicles.

Magnetic roof mount

Suitable for lightbars of maximum 500 mm length.

Detachable hook-on mount

Consult our Commercial Department for availability.

Mounting bracket kit according to vehicle roof curvature (available in black or white colour)

Low plastic mounting bracket kit (for roof curvature of 26 mm or less).

High plastic mounting bracket kit (for roof curvature from 26 to 40 mm).

How to order

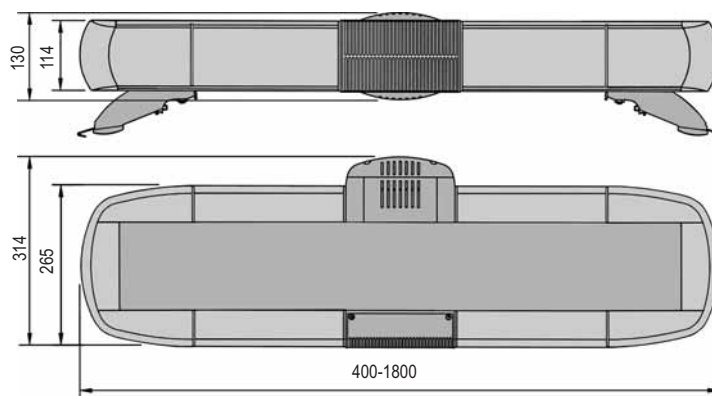
Consult our Commercial Department for configuration.



Central illuminated sign



Roof connector



Phoenix Sputnik, Strobe and Halogen Series. Dimensions (mm)



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