TRAFFIC STORM

Federal Signal Vama, always at the forefront in lighting and acoustic equipment, introduces a new low profile lightbar with ROC Solaris technology and a foldable LED sign, **TRAFFIC STORM.**

An initial study of customer needs gives us the information to develop new products in order to provide greater versatility and automation, thus reducing the risk exposure in their surveillance and patrol work. Two levels of light allow multiple combinations of lights and colours, thereby optimizing the internal capacity of the lightbar without losing any option for auxiliary signalling.

Traffic Storm is specially designed for applications where the signal through a text message or voice is essential.

The lightbar being can bus controlled, it can activate multiple programmable functions just by pressing a single button on the keypad.
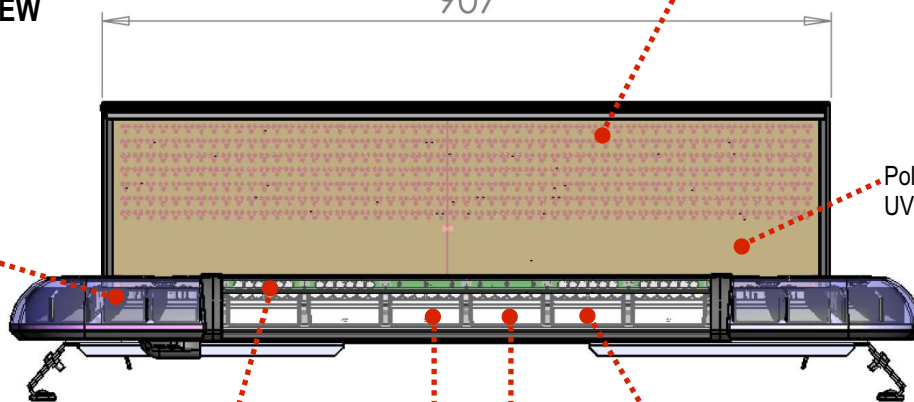
Traffic Storm has been equipped with the latest and most efficient technologies to offer a revolutionary product.

LSG900 LED Sign. Rear or/And front Foldable LED sign with 10 characters and variable intensity. 200 programmable messages from the user with normal and/or mirror view and scrolling with variable speed.

FRONTAL VIEW

907

Latest generation LEDs with parabolic reflectors on a linear circuit board that maximazes the power of LEDs to produce a light beam of high intensity that does not produce any dark spots. Main warning lights.

Policarbonate screen with UV protection filter.

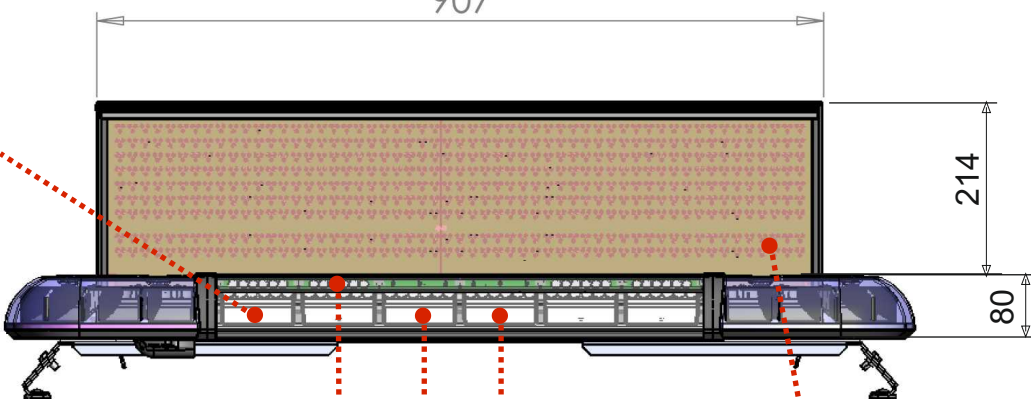LED technology. Low profile modules of 6 high intensity LEDs to improve the front lighting.

Lighted Sign (optional).

Latest generation LEDs with parabolic reflectors on a linear circuit board that maximazes the power of LEDs to produce a light beam of high intensity that does not produce any dark spots. Secondary light modules as takedowns, extension lights.

REAR VIEW

907

214

80

last generation LEDs with parabolic reflectors on a linear circuit board that maximizes the power of LEDs to produce a light beam of high intensity that does not produce any dark spots. Secondary light modules as SignalMaster, worklights,…

LED technology. Low profile modules of 6 high intensity LEDs to improve the rear lighting.

Lighted Sign (optional).

SignalMaster with variable speed and intensity, integrated in the foldable LED sign.
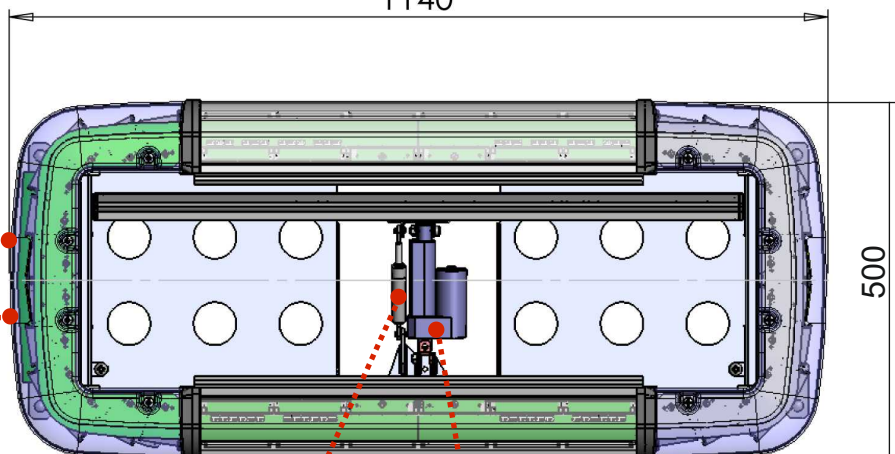
UPPER VIEW

1140

500

Scene lights
(see isolux fig).

Gas damper to absorb
vibrations of the LSG900.

Electric actuator for opening and
closing. Allows to open the LED sign in
just 3 seconds. The closing system
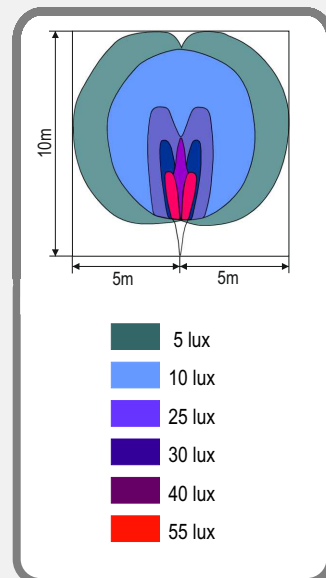has a security stop for 2 seconds.

CAN BUS CONTROL HEADS

BCT3000

Control head with PA

Isolux diagram

10m

5m   5m

■	5 lux
■	10 lux
■	25 lux
■	30 lux
■	40 lux
■	55 lux

Isolux diagram

SmartSign 2 Message Editor is a pc software for the edition and download of the 200 programmable messages in the **BCT3000**. In addition, it has a wide library of the most usual messages in different countries. This new software enables to program all the messages in normal, mirror or scrolling view.

Approvals

- Traffic Storm (priority lights in blue and amber) comply with R-65 European Regulation in Class 2.

- Traffic Storm are according to European Regulation 2006/28/CE on Electromagnetic Compatibility.

- Traffic Storm are approved IPX9 (high-pressure & temperature resistant) as well as IPX6 (high flowrate).

210

The Traffic Storm lightbar has been tested in the wind tunnel supporting relative speeds of 210 km/h with open and closed sign.

Technical Specs

Voltage:	12V
Standby consumption:	0,3Amp
Main warning lights, total average consumption:	3,2A in flash, 0,5A in cruise light
Front modules (white light), average consumption:	1A for module
Lateral modules (white light), average consumption:	0,5A for module
Supplementary modules (amber ligth), average consumption:	1A for module
Lighted sign, average consumption:	0,4A for module
Complete rear and front foldable LED sign. LED Panel: 630 LEDs SignalMaster: 288 LEDs	3,2A por panel + 1A SignalMaster

HOW TO ORDER

1.- Options - Priority lights

TF-SL — 44" Basic lightbar, (20) Solaris modules of (3) LEDs, blue light or amber, wiring harness, UN R65 approved class 2

TF-SL13 — 53" Basic lightbar, (20) Solaris modules of (3) LEDs, blue light or amber, wiring harness, UN R65 approved class 2

* Mounting is not kit included in price and must ordered separately

2.- Options - Lateral Section - Alley light

TF-FL — (4) Solaris modules of (3) LEDs, white, blue or amber light

3.- Options - Front & Center Section - Lower Level

TF-FF — (2) Solaris modules of (6) LEDs, white light, steady burn and/or flashing

TF-LE — (2) Solaris modules of (6) LEDs, blue light, priority lights extension

TF-LP — (2) Solaris modules of (6) LEDs, red light, flashing

TF-CI — (2) Solaris modules of (6) LEDs, white light, lighted sign without text or vinyl *

* The text message must be ordered separately.

4.- Options - Rear & Center Section - Lower Level

TF-FPT — (2) Solaris modules of (6) LEDs, white light, steady burn and/or flashing

TF-LE — (2) Solaris modules of (6) LEDs, blue light, priority lights extension

TF-A/SM — (2) Solaris modules of (6) LEDs, amber light, flashing or SignalMaster (directional lighting system)

TF-CI — (2) Solaris modules of (6) LEDs, white light, lighted sign without text or vinyl *

* The text message must be ordered separately.

5.- Options - Front & Center Section - Upper Level

TF-LP-S — (2) LED modules, red light, flashing

6.- Options - Rear & Center Section - Upper Level

TF-A/SM-S — (2) LED modules, amber light, flashing or SignalMaster (directional lighting system)

7.- Options Foldable LED Sign (Please contact with our sales department for Traffic Sotrm wihtout foldable led sign availability**)**

TF-CLF — (1) LSG900, foldable LED Sign, red light, 200 programmable messages from the user with normal and/or mirror view and scrolling.

TF-CLP — (1) LSG900, foldable LED Sign, red light, rear signalisation, integrated SignalMaster (directional lighting system), 200 programmable messages from the user with normal view and scrolling.

TF-CLF/P — (1) Front LED Sign, red light, front and rear signalisation, 200 programmable messages from the user with normal and/or mirror view(front) and scrolling.

8.- Mount Accessories

TF-CT — Roof connector, 19-ways (obligatory)

TF-FP — Permanent mounting kit (recommended)

TF-FB — Metal mounting kits on bars

4004536 — Cover for 1100mm. (44")

9.- BCT3000 Control head

BCT3000 — Control head for Traffic Storm series**!**
10 buttons for emergency and auxiliary systems.
Delayed public address.
Voice player/recorder (1 message)*****
CAN BUS technology with LCD screen. Voice and text messages can be previewed
Volume control for public address and voice player.
SignalMaster control.
USB connection.

(1) Contact our sales department for available models**.**

(2) BCT3000 enables to pre-programm diferent voice messages. For further information, contact our sales department.

10.- AS320 DIG CAN BUS siren amplifier

AS320DIG 12V — 100W siren amplifierfor BCT3000. Features:
Horn-ring connection.
Radio repeat.
Relay output (10A) for auxiliary lights sinchronized with priority lights.
Realy output (1A) for tachograph.
Please contact your Sales Dept. for availability and models. Only can be installed with BCT3000 control head.

AS320DIG 24V — 100W siren amplifierfor BCT3000. Features:
Horn-ring connection.
Radio repeat.
Relay output (10A) for auxiliary lights sinchronized with priority lights.
Realy output (1A) for tachograph.
Please contact your Sales Dept. for availability and models. Only can be installed with BCT3000 control head.

11.- Public address

AS320-PA CB — Public address kit with remote control. Volume and microphone functions control (for control head BCT3000) 12V

AS320-PA CB — Public address kit with remote control. Volume and microphone functions control (for control head BCT3000) 24V

12.- Programming Accessories

S2ME — SmartSign 2 Message Editor, for editing and downloading messages from PC.
Only available for LSG900 programmable LED sign in Traffic Storm lightbars series.
(*) All Federal Signal Vama CAN BUS lightbars are compatible with FEDEMERGENCY System from Atenea Integrated Vehicle Solutions. For more information see ATENEA Catalogue.

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