



**FEDERAL SIGNAL VAMA**

*Protecting people and our planet*



# **SIGNALMASTER SOLARIS**

Directional warning lights

**FEDERAL SIGNAL VAMA**

Public Safety Systems



# SIGNALMASTER SOLARIS

Federal Signal Vama presents the new **ultra-low profile SignalMaster Solaris** directional warning light. It offers an excellent results as an emergency light, thanks to its several flash patterns **with different functions (day / night effect, fast / slow, scroll)** to satisfy all needs. Its main features are:



**HIGH INTENSITY.** The built-in Solaris technology onto SignalMaster directional warning light has exponentially increased light intensity compared to similar products on the market.



**EVERY NEED SOLUTIONS.** SignalMaster Solaris has got **4 different flash patterns** (right, left, centre-out sequences and middle-out flashing mode), and **day / night\***, **slow / fast\*** and **scroll function** with a non-stop effect on a CAN BUS version.



**ULTRA-LOW PROFILE.** Its low profile gives it less aerodynamic drag with less fuel consumption and better vehicle tire grip, for an increased security. Further more, it has an attractive design without losing any functionality and it allows easier installation in any vehicle.



**WATERPROOF HOUSING.** Highly prepared to fight against most adverse weather conditions, thanks to its **IP protection IPX9K.**

\* Features available on analogical version with SMC5 multifunction controller.

## Approvals:

With IP protection IPX9K.

All models satisfy Electromagnetic Compatibility Directive 2004/104 and UNE EN 12352 Normative about traffic control equipment, warning and safety light devices.



All-purpose directional warning light: fire, ambulance, services, police, etc.



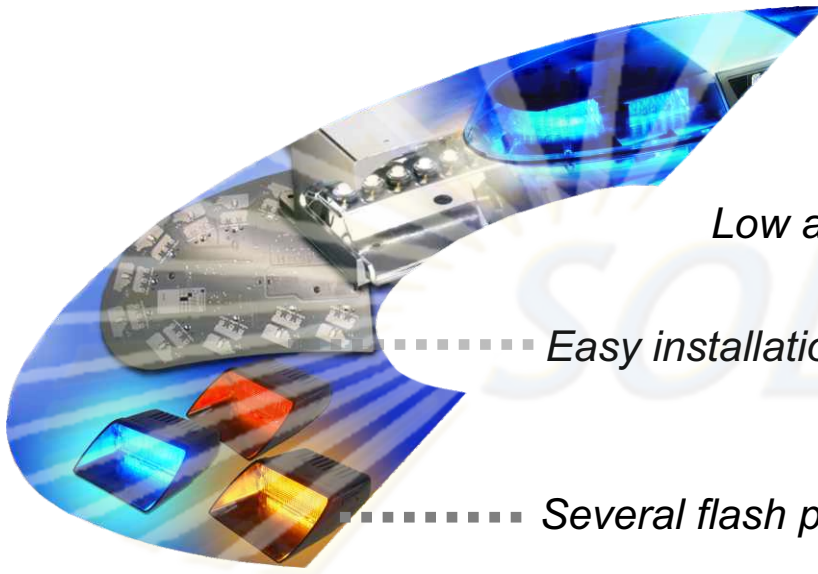


*High intensity*

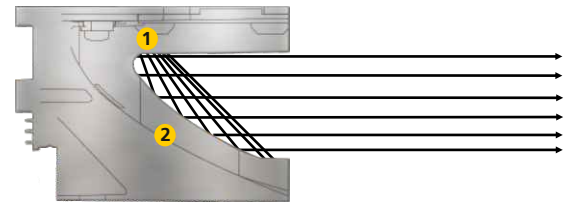
*Low amp draw*

*Easy installation*

*Several flash patterns*

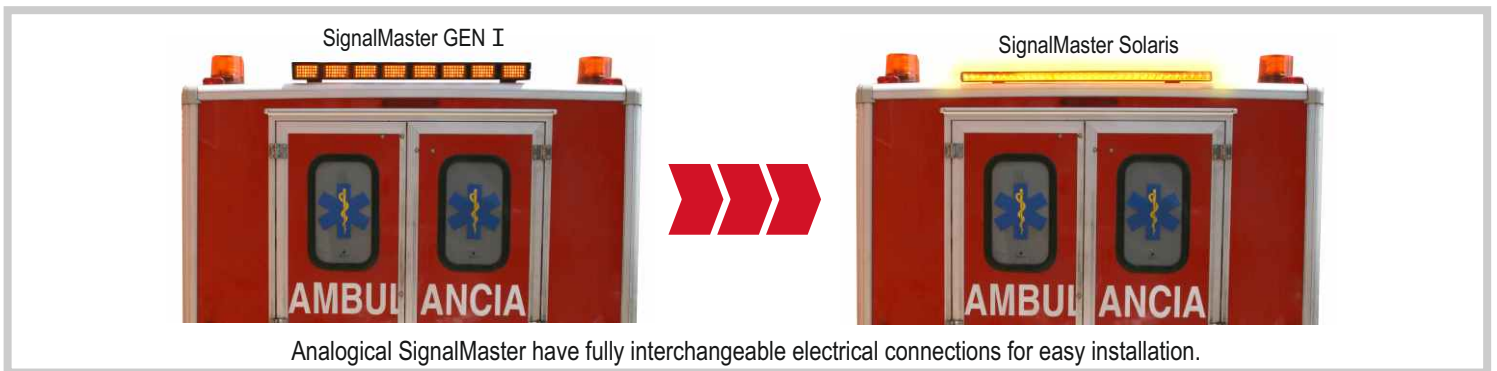
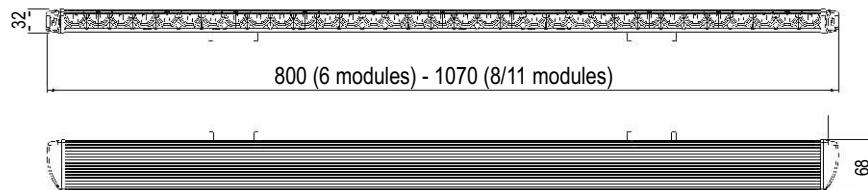


Federal Signal Vama offers to his customers, the high performance and efficiency **Solaris** technology. Traditional light systems spread it in a random direction, LED **Solaris** Technology reflects a strong light beam where it is needed most, on a wide angle, avoiding dark spots.



- 1 Last generation LED diodes.
- 2 Parabolic reflector maximizes LED light intensity.

**SignalMaster Solaris dimensions (mm)**



Signalmaster Solaris versions, with wiring harness and waterproof connector provide a quick and easy connection:

1 Connect



3 Attach to SignalMaster



2 Insert into protective housing



**SignalMaster Solaris** special design, with its ultra-compact profile, allows an easy installation in the vehicle and provides, at the same time, excellent light results.

Technical Specifications:									
Voltage:	10-30V								
Average consumption:	0.3 Amps each LED modules (12V)								
	<table border="0"> <tr> <td></td> <td style="text-align: center;">10V</td> <td style="text-align: center;">30V</td> </tr> <tr> <td>SMLLED 6/8:</td> <td style="text-align: center;">2.6 Amp</td> <td style="text-align: center;">1.3 Amp</td> </tr> <tr> <td>SMLLED 8/11 CB:</td> <td style="text-align: center;">1.8 Amp</td> <td style="text-align: center;">1.3 Amp</td> </tr> </table>		10V	30V	SMLLED 6/8:	2.6 Amp	1.3 Amp	SMLLED 8/11 CB:	1.8 Amp
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SMLLED 8/11 CB:	1.8 Amp	1.3 Amp							
Dimensions:	<table border="0"> <tr> <td style="border-right: 1px solid black;">6-modules: 800 x 32 x 68 mm</td> <td>8-CB modules: 800 x 32 x 68 mm</td> </tr> <tr> <td style="border-right: 1px solid black;">8-modules: 1070 x 32 x 68 mm</td> <td>11-CB modules: 1070 x 32 x 68 mm</td> </tr> </table>	6-modules: 800 x 32 x 68 mm	8-CB modules: 800 x 32 x 68 mm	8-modules: 1070 x 32 x 68 mm	11-CB modules: 1070 x 32 x 68 mm				
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Weight:	<table border="0"> <tr> <td>6-modules: 705 gr</td> </tr> <tr> <td>8/11-modules: 940/995 gr</td> </tr> </table>	6-modules: 705 gr	8/11-modules: 940/995 gr						
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## HOW TO ORDER:

Choose references from below:

### Analogical SignalMaster

2010560	Directional lighting system, (6) Solaris LED modules, roof connector, amber, multivoltage
2010561	Directional lighting system, (8) Solaris LED modules, roof connector, amber, multivoltage
	<u>Installation accesories</u>
82441451	Analogical SMLLED wiring, roof connector, 5M
82441445	Analogical SMLLED wiring, roof connector, 10M
2010601	Directional lighting system, (6) Solaris LED modules, 15M wiring harness included, amber, multivoltage <sup>(1)</sup>
2010602	Directional lighting system, (8) Solaris LED modules, 15M wiring harness included, amber, multivoltage <sup>(1)</sup>

### CANBUS SignalMaster <sup>(2)</sup>

2010564	Directional lighting system, (8) continuous LED mode, CAN BUS, amber, multivoltage
2010565	Directional lighting system, (11) continuous LED mode, CAN BUS, amber, multivoltage
	<u>Installation accesories</u>
82441446	SMLLED KS/CB wiring, wiring harness, 5M
82441447	SMLLED KS/CB wiring, wiring harness, 10M
82441476	SMLLED KS/CB wiring, wiring harness, 15M

<sup>(1)</sup> Without waterproof connector.

<sup>(2)</sup> CANBUS SignalMaster must be controlled with a CANBUS control head BCT2000 or BCT500CB.

### Accessory

8234188	Kit Silent Blocks SMLLED SL Solaris
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**NOTE:** All the models must be acquired by its correspondent wiring connection (except 2010601 and 2010602 references).