Technical Specifications:

Voltage:	10-30V
Average consumption:	0.3 Amps each LED modules (12V)

		10V	30V
	SMLED 6/8:	2.6 Amp	1.3 Amp
	SMLED 6/8 KS:	2.6 Amp	1.3 Amp
	SMLED 8/11 CB:	1.8 Amp	1.3 Amp

Dimensions:	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
Weight:	6-modules: 705 gr	
	8/11-modules: 940/995 gr	

FEDERAL SIGNAL VAMA
Public Safety Systems

SOLARIS

SIGNALMASTER SOLARIS
Directional warning lights

HOW TO ORDER:

Choose references from below:

Analogical SignalMaster

2010560	Directional lighting system, (6) Solaris LED modules, roof connector, amber, bitension
2010561	Directional lighting system, (8) Solaris LED modules, roof connector, amber, bitension

Installation accesories

82441451	Analogical SMLED wiring, roof connector, 5M
82441445	Analogical SMLED wiring, roof connector, 10M
2010601	Directional lighting system, (6) Solaris LED modules, 15M wiring harness included, amber, bitension [1]
2010602	Directional lighting system, (8) Solaris LED modules, 15M wiring harness included, amber, bitension [1]

Control Heads for analogical SignalMaster

330104	SMC1 6/8 modules controller
331105	SMC5 6/8 modules multifunction controller
DLC1000	Control system with 4 more outputs fully protected against polarity reversal, overloading and short-circuits. Control head with 9 backlight keys included, 12/24V.

KS SignalMaster

2010562	Directional lighting system, (6) Solaris LED modules, KS control head, 20cm wiring harness included, waterproof connector, amber, bitension
2010563	Directional lighting system, (8) Solaris LED modules, KS control head, 20cm wiring harness included, waterproof connector, amber, bitension

Installation accesories

82441446	SMLED KS/CB wiring, wiring harness, 5M
82441447	SMLED KS/CB wiring, wiring harness, 10M
82441476	SMLED KS/CB wiring, wiring harness, 15M
2010568	Directional lighting system, (6) Solaris LED modules, KS control head, roof connector, amber, bitension
2010569	Directional lighting system, (8) Solaris LED modules, KS control head, roof connector, amber, bitension

Installation accesories

82441453	SMLED KS wiring, roof connector, 10M

CANBUS SignalMaster [2]

2010564	Directional lighting system, (8) continuous LED mode, CAN BUS, amber, bitension
2010565	Directional lighting system, (11) continuous LED mode, CAN BUS, amber, bitension

Installation accesories

82441446	SMLED KS/CB wiring, wiring harness, 5M
82441447	SMLED KS/CB wiring, wiring harness, 10M
82441476	SMLED KS/CB wiring, wiring harness, 15M

[1] Without waterproof connector.
[2] CANBUS SignalMaster must be controlled with a CANBUS control head BCT2000 or BCT500CB.

Accesory

8234188	Kit Silent Blocks SMLED SL Solaris

NOTE: All the models must be acquired by its correspondent wiring connection (except 2010601 and 2010602 references).

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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.**

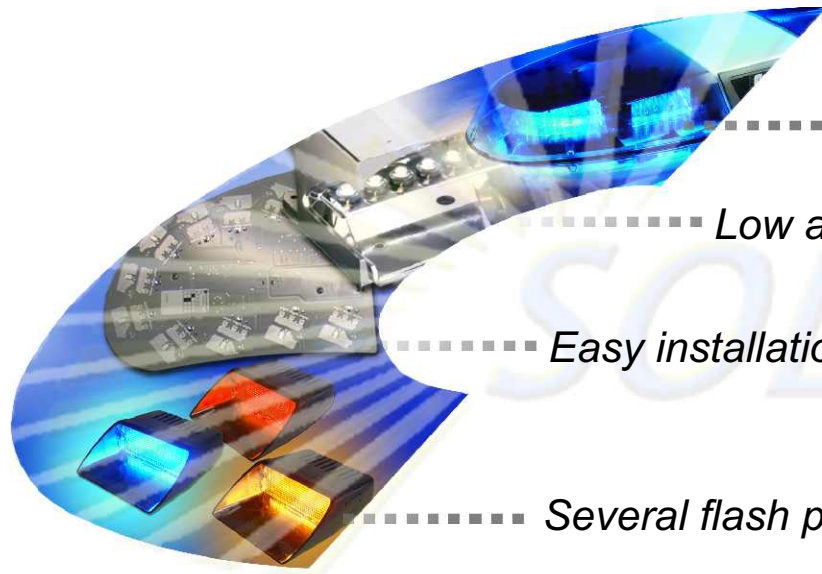***** Features available on analogical version with SMC5 multifunction controller.

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.

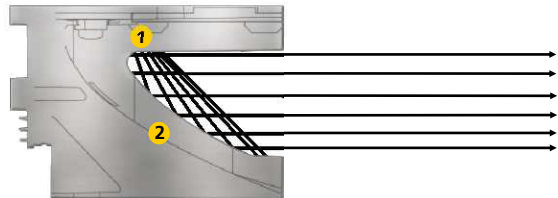**All-purpose directional warning light: fire, ambulance, services, police, etc.**

High intensity
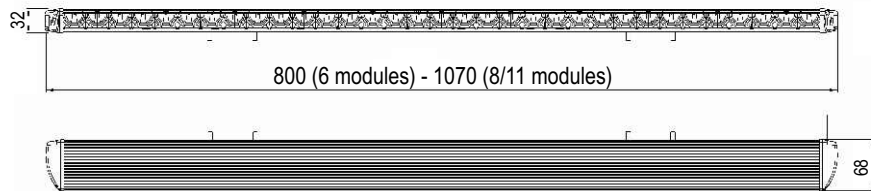
Low amp draw

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)

32

800 (6 modules) - 1070 (8/11 modules)
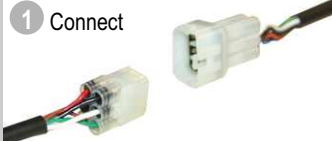
68

SignalMaster GEN I
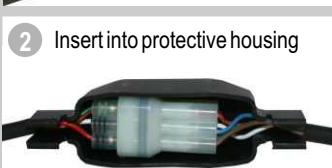
SignalMaster Solaris

AMBULANCIA

AMBULANCIA

Analogical and KS SignalMaster have fully interchangeable electrical connections for easy installation.

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.