



CUDA TRIOPTIC™ LED SIGNALMASTER™

available in: 



Federal Signal's high-intensity Cuda TriOptic™ LED SignalMaster™ uses advanced and proven LED light and lens technology to create brighter, more effective traffic advisors that can be mounted just about anywhere inside or outside any emergency vehicle.

The Cuda TriOptic LED SignalMaster delivers dramatically bright light using high intensity Luxeon LumiLed™ LEDs. They are available in combinations of amber, red, blue, white, and green LEDs. With up to 72 LEDs, the Cuda TriOptic will deliver the light output "punch" you demand for effective warning communications.

Federal Signal LED SignalMaster products all come with a 5-year warranty, and meet SAE and CAC standards for light output and Radio Frequency Interference.

In addition to being extremely bright, LEDs also greatly reduce vehicle battery power consumption.

This advanced directional warning light draws less than 5-amperes (6.3-amperes for the 44" model), which is much less (up to 60% less) than comparable strobe or halogen products.

The Cuda TriOptic LED SignalMaster is the number one choice for flexible mounting options and durability. This directional arrow can be mounted inside or outside the emergency vehicle because it is encased in a sleek black anodized aluminum housing that is durable, water resistant, and corrosion free. The housing has four built-in channels (top, bottom and rear) for the ultimate in mounting flexibility. A variety of bracket options are also available (see back page).



Low-profile design with high-output LED brightness.

> Features

- Superior TriOptic LED light intensity.
- Low Amp Draw.
- Sleek compact styling with stealth "no-show" appearance.
- Internal or external mounting.
- 4 built-in housing channels for internal or external mounting flexibility.
- Water/corrosion resistant black aluminum housing.
- Variety of specialty mounting brackets available.
- Meets SAE standards for RFI.
- Meets SAE/CAC standards for light output.

> Approvals

- SAE J595 Light Output
- SAE 113/41 RFI
- CAC Title 13, Article 22
- FCC Part 15



> **How to Order**

Specify Cuda TriOptic Model

- A. Low-Profile (horizontal) models (6-head):**
328001 33", 6-head (54 LEDs), all amber directional arrow
328002 33", 6-head (54 LEDs), directional arrow with red and blue ends
- B. Low-Profile (horizontal) models (8-head):**
328180 44", 8-head (72 LEDs), all amber directional arrow
328181 44", 8-head (72 LEDs), directional arrow with red and blue ends

Order SignalMaster control unit (if necessary)

- 330102 (SMC1)** Economy SignalMaster Control (44" Units)
330132 (SMC16) Economy SignalMaster Control (33" Units)
331102 (SMC5) Deluxe SignalMaster Control (44" Units)
331112 (SMC56) Deluxe SignalMaster Control (33" Units)

Order SignalMaster mount system (if necessary)

- 350601** 6-head rear window headliner mount kit, '05-'06 Crown Vic
350201-01 6 or 8-head rear deck mount kit, universal
320340 (SML-UM) Universal vehicle mount kit
320330 (SML-SM) Standard system mount kit
320310 (SML-FM) Flush mount kit

	33"		44"	
Specifications				
Volts	12.8 VDC		12.8 VDC	
Current Draw	6 module amber SignalMaster	4.68 amps	8 module amber SignalMaster	6.24 amps
	1 red/4 amber/1 blue SignalMaster	4.95 amps	1 red/6 amber/1 blue SignalMaster	6.51 amps
Operating Temp	-30°C to 65°C		-30°C to 65°C	
Physical Specifications				
Height	1.8 in (4.6 cm)		1.8 in (4.6 cm)	
Length	33.5 in (85.1 cm)		44.5 in (113.0 cm)	
Width	1.5 in (3.8 cm)		1.5 in (3.8 cm)	
Ship Weight				
	6 lbs (2.7 kg)		7 lbs (3.2 kg)	