

# Legend® with DynaMax® Speaker

Light Bar



## FEATURES

- Low-profile, linear light bar design offers front and rear cut-off and dimming features
- Patented ROC (Reliable Onboard Circuitry™) eliminates approximately 85% of the potential failure points in a typical light bar
- Incorporates DynaMax®/ES100C speaker
- Optimized Solaris® LED reflectors maximize warning lights at 360-degrees and 90-degrees off-axis
- Optional built-in SignalMaster™ directional warning
- LEDs available in Blue, Red, and White
- Top domes available in Blue and Red
- Five-year warranty

Legend® with ES100C light bar provides 360-degree coverage and superior off-axis warning in a low-profile design. Legend light bars contain three modes of operation and multiple flash patterns. Take downs and alley lights, front/rear cut-off, dimming, and intersection warning are also standard. The optional built-in SignalMaster™ feature provides a warning signal left, right, and center-out for rear traffic direction.

The DynaMax® /ES100C is a 100 W speaker designed to withstand the toughest conditions. This speaker features the Federal Signal Neodymium driver for increased performance and reliability. The DynaMax/ES100C housing is molded from composite plastic — 30% glass-filled PET (polyethylene terephthalate). This high-strength composite material provides good chemical resistance and maintains rigidity at high temperatures.

### Solaris® — The Best and Brightest in Lighting Technology

Our patented Solaris design features the latest in LED reflector technology for a bright and intense off-axis light output.

### ROC Solid Construction

ROC (Reliable Onboard Circuitry™) technology eliminates 85% of potential failure points in the lightbar — reducing repair costs and increasing the hours your vehicle stays on the road.

### FS Convergence Network

Easy to install and service, the FS Convergence Network provides “plug-n-play” installation. Utilizing standard RJ45 connections, the Legend can be easily programmed using a Pathfinder light/siren controller. With control head programmability, the user can customize the keypad to meet their needs. Interface modules are also available for use with traditional wired sirens.

## APPROVALS

- SAE J1849
- CCR Title 13 Class 1 (Amber, Blue, Red)

## FS TECHNOLOGIES



## SPECIFICATIONS

LED Color      Dome Color  
B R W      B R

### WARNING LIGHTS

LIGHTING OPTIONS	CURRENT DRAW	LED COUNT PER POSITION
FLASHING SOLARIS LED REFLECTORS	1.0 A**	6
LED SIGNALMASTER	1.0 A**	6
LED ALLEY LIGHTS	0.5 A*	3
LED SIGNALMASTER	1.0 A**	6

\*Amperage per pair with flashing takedown and alley lights

\*\* Amperage in Steady Burn Mode

### ES100C SPEAKER

HOUSING MATERIAL	Composite plastic (30% glass-filled PET)
POWER	100 W
SOUND OUTPUT	SAE J1849 and CCR Title 13 when used with Class A Federal Signal amplifier and electronic siren

### SPECIFICATIONS

OPERATING VOLTAGE	12 Vdc
OPERATING TEMP.	-22° to +149° F (-30° to +65° C)
CURRENT DRAW WITH LED TAKEDOWNS*	11 A

### PHYSICAL SPECIFICATIONS

LENGTH	52.7 in (133.5 cm)
HEIGHT	5.75 in (14.6 cm)
WIDTH	11.2 in (28.4 cm)

### SHIP WEIGHT (STANDARD FOOT INCLUDED)

35 lbs (15.9 kgs)

\*Maximum amperage for a typical loaded light bar with all lights flashing

## HOW TO ORDER

MODEL#	LENGTH	WARNING LIGHTS	WHITE LED TD/ ALLEY LIGHTS	TOP DOME COLORS	SIGNALMASTER	SERIAL INTERFACE MODULE	MOUNT
LGD51Z-ES001	52.7 in	Red/Blue	•	Red/Blue	Red/Blue	No	Hook



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