

LFL Liberty™ SW Series

WE CAN Programmable
Super-LED® Lightbars



*"No one can control
your lightbar like **WE CAN!**"*

Electronic Control Module has a housing dimension 2-3/4" (70mm) L x 2" (51mm) W x 1/2" (13mm) H



An external interface unit, the WeCan electronic control module (ECM), communicates all lightbar operating functions (Super-LED and Halogen) via a 2 conductor, 20 gauge cable.

This small cable provides easier overall wiring and lightbar installation. Up to twelve different programmed warning configurations can be operated using customer supplied switching to each of twelve input wires to the ECM (default program pre-installed).

Once the ECM is programmed, selection of these wires will allow:

- Complete independent "On" or "Off" control of each lighthouse.
- Flash pattern control of each lighthouse.
- Phase control of each lighthouse with four phases for alternating, simultaneous and combo flash patterns.
- Cruise light control with virtually unlimited adjustable intensity levels.
- Independent Hi/Lo control is available to any Super-LED lighthouse, except the four corner modules (required for SAE certification).
- Independent (sequential) control of the traffic arrow functions (left, right, split) without a Traffic Advisor™ control head.
- SW Series is the next generation of our industry first 2-wire serial (B-Link™) system introduced over 12 years ago.



Laptop or PC is used to configure control of the lightbar

WeCan program installs easily into your computer



LIBERTY™ SW FEATURES

- LFL Liberty SW Series has all the advantages of the latest generation all Linear-LED® technology: extremely low profile, 2.5" high, maximum "heads up" warning, heavy-duty long life operation, low current draw, easily upgradeable and re-programmable.
- At the heart of the new SW system is the WeCan Electronic Control Module (ECM). All functions are programmed via simple "pick and click, or drag" screens. Windows® based 2000, XP or later operating system required. USB input to the ECM from PC or laptop makes programming easy.
- With the SW Series, you can control the function of each individual lighthouse any way you want, any time you want! Each individual lighthouse can be selected, assigned both a flash pattern and a flash "phase". The flash phase synchronizes the chosen flash pattern from lighthouse to lighthouse.
- The four extended Linear Super-LED corner modules are standard. Add at anytime up to 12 Super-LED modules for a total of 16 modules.
- Build your lightbar in any LED color combination with optional Linear-LED inboard warning lights, halogen flashing take-down lights in any position, MR11 flashing alley lights, rear halogen worklights and rear LED brake/tail/turn lamps.
- Electronic I/O board ensures equal light intensity from each lighthouse.
- Other options are five or six lamp full size or split Traffic Advisors™ with high intensity Linear Super-LED modules & white high intensity LED take-down lamps.
- Clear outer lenses are standard, color lenses optional.
- Pre-wired with 15' passenger side cable exit.
- Five year Heavy-Duty Professional warranty on LEDs and electronics.
- All models exceed California and SAE requirements.



All Whelen Products
are proudly made
in the U.S.A.*

WHELEN®
Engineers for the Emergency Warning Industry

Linear-LED Super-LED Lens Colors



Form# LSW1007

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*Some back-up alarms are made in Canada for Whelen.

LFL Liberty™ SW Series Lightbars

LFL Liberty™ SW Lightbar Specifications



MODELS

SW4**** 43-1/4" (110 cm) Lightbar

SW8**** 48-1/2" (123 cm) Lightbar

SW2**** 54" (137 cm) Lightbar

OPTIONS

- SLD**** Two blue, red, amber and/or white, inboard Super-LED® directional lighthoods
- SLTDLED** Two Super-LED flashing take-down lights
- SLH2CC** Two halogen flashing take-downs lights
- SLTDM1** Two MR11 halogen flashing take-downs lights
- SLWL2** Two halogen work lights
- SLWLM1** Two MR11 halogen work lights
- SLTM2S*** Two MR11 flashing take-downs and one remote strobe, center option only, power supply purchased separately
- SLTM2M*** Two MR11 flashing take-downs & one Linear-LED®, amber, blue and/or red, center option only, clear outer lens
- SXAM1** Two MR11 flashing alley lights
- SWBTTLED** Two LED brake/tail/turn
- SLTALN5L** Five Linear-LED Traffic Advisor™, requires no special control head
- SLTALN6L** Six Linear-LED Traffic Advisor™, requires no special control head
- SWW\$\$\$00** Five Linear Super-LED® split Traffic Advisor™, requires no special control head, replace symbol with number of split warning LED color, order is red/blue/amber, 5 maximum
- SWX\$\$\$00** Six Linear Super-LED split Traffic Advisor™, requires no special control head, replace symbol with number of split warning LED color, order is red/blue/amber, 6 maximum
- SWDSCBL** Driver side cable exit, includes 20' power cable and control cable, for SW Series only, DO NOT use on SX Series
- SXBULK18** Bulk package of 18 LFL Liberty™ Series lightbars, in place of standard individually boxed lightbars

Lightbars available in any combination of red, blue, amber, white and green. Price varies with color.

* Replace in model number with color desired: **A**=amber; **B**=blue; **C**=clear; **G**=green; **R**=red
 § Replace symbol with number of upper level warning LED colors, order is red/blue/amber (example: SW43300 is a 43-1/4" lightbar with 3 Red, 3 Blue, and 0 White)

All LFL Liberty Lightbars Offer Modular Design

1. All inboard lighthouse modules are same size and can be placed anywhere in the lightbar.
2. End modules slide in channels of the extruded aluminum housing.
3. Extended end modules and MR11 alley lights are easily accessible.
4. Lighthouse modules snap-in for a tight, secure fit.
5. Mate-N-Lok® connectors snap together for easy lighthouse replacement or additions.



Options



MR11 Alley Light



Take-Down

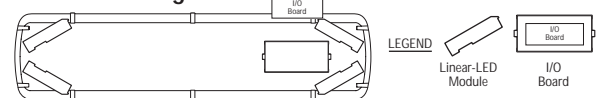


LED Take-Down

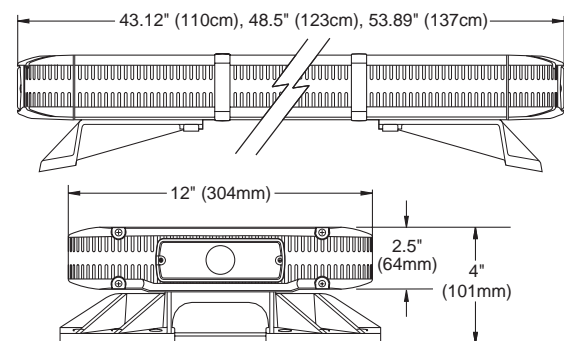


Six Lamp Linear-LED™ Traffic Advisor™

Standard Configuration



Dimensions



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