



july 2017

Think
NEW!



mpower[®]
REDEFINE SAFETY

Exterior Full Size LED Lightbar



EMPLB

Shown with the classic permanent mount hook kit.

Features

- At only 1" thick, mpower is 50% thinner than its leading competitors
- The 48" lightbar model provides 50% more LEDs within its inboard modules than comparable competitive models
- SoundOff Signal[®] collaborated with Dow Corning[®] to develop ClearDuty[®] optical module design
- ClearDuty[®] molded one-piece housing and optic design delivers advantages over conventional polycarbonate lenses:
 - A smaller footprint with maximized candela output
 - Greater resistance to gravel pitting, scratching or cracking
 - Improved sealing to prevent water from entering light
 - Higher UV and thermal stability to prevent lens from yellowing over time
- Inboard modules are available in single color 6 or 8 LEDs, dual color 12 LEDs or tricolor 18 LEDs
- Corner modules are offered in single color 8 or 16 LEDs, dual color 16 LEDs or tricolor 24 LEDs
- Inboard and corner modules are designed to be continuous in order to eliminate lighting gaps
- Lightbars with multi-color modules (dual or tricolor) that include white LEDs are capable of providing a full 360 degrees of intense scene lighting
- Takedowns can be configured as single, dual or tricolor for maximum functionality
- Alley lights can be configured as single, dual or tricolor to maximize intersection awareness
- Discrete rear-arrow control modules can be combined with warning colors for maximum functionality
- Windows based PC application simplifies programming and enhances configurability and control
- Use of PC application in conjunction with SoundOff Signal[®] sirens simplifies install with "plug and play" RJ45 capability; save configuration time and enhance configurability by directly mapping siren buttons to lightbar functions
- Other user configurable options include: cruise mode, front/rear/corner cutoff inputs, nighttime manual dimming, multiple flash patterns, steady burn and stop/tail/turn
- Auto dim feature comes standard

Configurable Options ● ● ● ● ○

- Solid green LED color or combined with other available colors
- Amber LED color combined with red, blue or white LED colors
- White LED color combined with red or blue LED colors

To order configured products, contact your sales representative or customer service department.

For technical specifications,
refer to the back of this flyer.

SoundOff
Signal 
Smart Design.

www.soundoffsignal.com

PO Box 206, Hudsonville, MI 49426 ▶ Toll free: 1.800.338.7337 ▶ Office direct: 616.896.7100 ▶ Order fax: 616.896.1286

©2017 SoundOff Signal. Printed in the USA. All Rights Reserved. Specifications and availability are subject to change without notice.

ECN 5124



Exterior Full Size LED Lightbar



Technical Specifications

INPUT VOLTAGE RANGE	9-16 Vdc
NUMBER OF LEDS AND MAXIMUM CURRENT DRAW @ 12.8 VDC	Inboard Warning Module: < 1 Amp Corner Module: (2-3" mpower modules): < 1.9 Amps Alley: < 1 Amp
NUMBER OF LEDS AND MAXIMUM WATTAGE @ 12.8 VDC	Inboard Warning Module: < 5.9 Watts Corner Module (2-3" mpower modules): < 11.6 Watts Alley: < 5.9 Watts
FLASH PATTERNS	Warning: 66 Takedown/Alley: 25 Arrow L/C/R: 11
OPERATING TEMPERATURE	-40° C to +65° C / -40° F to +149° F
DIMENSIONS	Lengths: 8 Module: 44.2" (112 cm); 9 Module: 48.2" (122 cm) or 10 Module: 52.7" (134 cm) Height: All modules: 1.1" (2.7 cm) Depth: All modules: 10.6" (27 cm)
MOUNTS	Standard Hook Bracket mount with angle adjustment or Headache Rack mount
CERTIFICATIONS	SAE J 845 Class 1 certified (red, blue, amber or white); SAE J 595 Class 1 certified (red, blue, amber or white) and CA Title 13 Class B certified (red, blue or amber)
WARRANTY	Five-year (ten-year on UV lens discoloration)

