




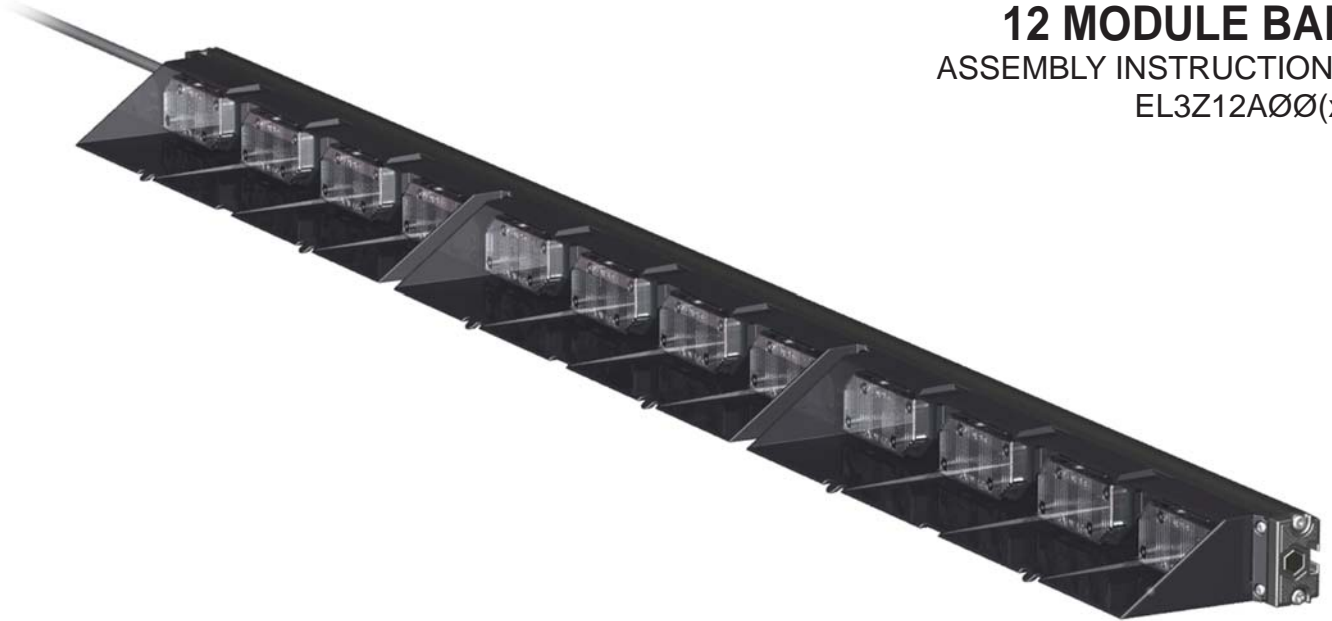
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|   |
|---|
|  <b>WARNING</b>                             |
| This product contains high intensity LED devices.<br>To prevent eye damage, DO NOT stare into light<br>beam at close range. |



by SoundOff Signal

## 12 MODULE BAR ASSEMBLY INSTRUCTIONS EL3Z12A00(x)



**WARNING:** Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used ONLY on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.

### MOUNTING INSTRUCTIONS

Before starting the installation make certain you have the correct bracket (sold separately) for your application.

Install the UltraLITE by following the assembly instructions provided with the brackets and check for security.

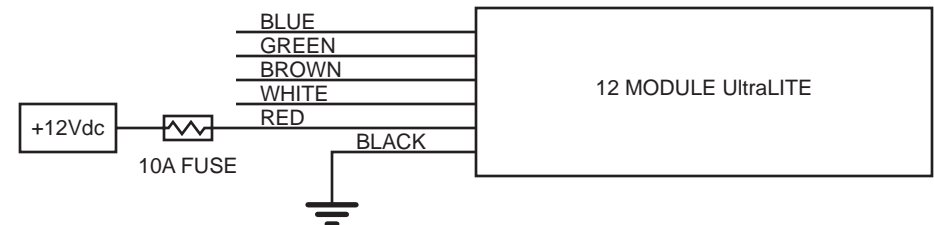
Important: DO NOT over tighten mounting screws or nuts. This could cause permanent damage to the light or bracket. Use appropriate hardware for mounting.

### PATTERN SELECTION

Because of the variety of configuring options see separate sheets for detailed instructions

| WIRE HOOK-UP TABLE |                         |
|--------------------|-------------------------|
| Wire Color         | Connect to:             |
| Blue               | Input 1 / Left Input    |
| Green              | Input 2 / Right Input   |
| Brown              | Input 3 / Warning Input |
| Red                | +12Vdc                  |
| Black              | Ground (-)              |
| White              | Pattern Select          |

Input Voltage: 10-16Vdc  
 Current: 6 Amps Maximum





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 beam at close range.

# UltraLITE

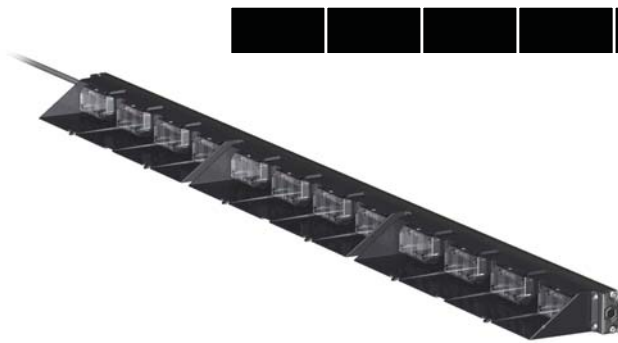


by SoundOff Signal  
**12 MODULE BAR**  
**FULL DIRECTIONAL ARROW**  
 CONFIGURATION INSTRUCTIONS  
 EL3Z12A00(x)

**WARNING:** Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used ONLY on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.

### PATTERN SELECTION

1. Connect BLACK wire to ground.
2. Connect RED wire to +12VDC.
3. Connect GREEN, BLUE and BROWN wires to +12VDC.
4. With power applied to the three wires, momentarily apply power to WHITE wire to change the directional arrow patterns.
5. While changing patterns, the UltraLITE will display the left arrow pattern.
6. When you have chosen the directional pattern, disconnect GREEN and BLUE wires from power.
7. With the BROWN wire connected to power, momentarily apply power to WHITE wire to change the arrow warning pattern.
8. When you have selected the arrow warning pattern, disconnect BROWN wire from power.
9. You are finished configuring the UltraLITE.



### ARROW PATTERNS

|    |                        |      |            |
|----|------------------------|------|------------|
| 1  | Solid w/Flashing Ends  | Fast | High Power |
| 2  | Solid Plus             | Fast | High Power |
| 3  | Sequential             | Fast | High Power |
| 4  | Sequential2 (2 lights) | Fast | High Power |
| 5  | Chaser                 | Fast | High Power |
| 6  | Solid w/Flashing Ends  | Slow | High Power |
| 7  | Solid Plus             | Slow | High Power |
| 8  | Sequential             | Slow | High Power |
| 9  | Sequential2 (2 lights) | Fast | Low Power  |
| 10 | Chaser                 | Fast | Low Power  |
| 11 | Solid w/Flashing Ends  | Fast | Low Power  |
| 12 | Solid Plus             | Fast | Low Power  |
| 13 | Sequential             | Fast | Low Power  |
| 14 | Sequential2 (2 lights) | Fast | Low Power  |
| 15 | Chaser                 | Fast | Low Power  |
| 16 | Solid w/Flashing Ends  | Slow | Low Power  |
| 17 | Solid Plus             | Slow | Low Power  |
| 18 | Sequential             | Slow | Low Power  |
| 19 | Sequential2 (2 lights) | Slow | Low Power  |
| 20 | Chaser                 | Slow | Low Power  |

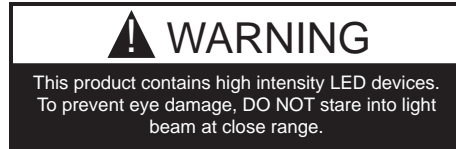
### ARROW WARNING

|   |        |                              |
|---|--------|------------------------------|
| 1 | Double | Left and Right (Alternating) |
| 2 | Double | Every Other Module           |

Alternating: 1,2,3,4,5,6 alternates with 7,8,9,10,11,12  
 Every Other: 1,3,5,7,9,11 alternates with 2,4,6,8,10,12



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# UltraLITE



by SoundOff Signal  
**12 MODULE BAR**  
**6+6 SPLIT WARNING**  
 CONFIGURATION INSTRUCTIONS  
 EL3Z12A00(x)

**WARNING:** Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used ONLY on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.



## PATTERN SELECTION

1. Connect BLACK wire to ground.
2. Connect RED wire to +12VDC power.
3. Connect BLUE wire to +12VDC power.
4. With power applied to BLUE wire, momentarily apply power to WHITE wire to move forward one warning pattern.
5. When you have chosen your first warning pattern, disconnect BLUE wire from power.
6. The pattern you have selected will always display on the UltraLITE when power is applied to the BLUE wire.
7. To setup your next warning pattern, connect GREEN wire to power.
8. With power applied to the GREEN wire, momentarily apply power to WHITE wire to move forward one warning pattern.
9. When you have chosen you second warning pattern, disconnect GREEN wire from power.
10. The pattern you have selected will always display on the UltraLITE when power is applied to the GREEN wire.
11. To setup the last warning pattern, connect BROWN wire to power.
12. With power applied to the BROWN wire, momentarily apply power to WHITE wire to move forward one warning pattern.
13. When you have chosen your third warning pattern disconnect BROWN wire from power.
14. The pattern you have selected will always be displayed on the UltraLITE when power is applied to the BROWN wire.
15. You are finished configuring the UltraLITE.

## FLASH PATTERNS

|    |                        |                    |
|----|------------------------|--------------------|
| 1  | Quint Flash            | Alternating        |
| 2  | Warp Flash             | Alternating        |
| 3  | Inter-cycle Flash      | Alternating        |
| 4  | Double Flash           | Alternating        |
| 5  | Quad Flash             | Alternating        |
| 6  | 3 Flashes / Second     | Alternating        |
| 7  | 3 Flashes / Second     | Simultaneous       |
| 8  | Q-Switch               | Alternating        |
| 9  | E-Pattern Single Flash | Alternating        |
| 10 | E-Pattern Double Flash | Alternating        |
| 11 | E-Pattern Single Flash | Simultaneous       |
| 12 | E-Pattern Double Flash | Simultaneous       |
| 13 | LiteRyder              | Sweep              |
| 14 | Quint Flash            | Every Other Module |
| 15 | Warp Flash             | Every Other Module |
| 16 | Inter-cycle Flash      | Every Other Module |
| 17 | Double Flash           | Every Other Module |
| 18 | Quad Flash             | Every Other Module |
| 19 | Q-Switch               | Every Other Module |

Alternating: 1,2,3,4,5,6 alternates with 7,8,9,10,11,12  
 Simultaneous: All modules on at same time  
 Every Other: 1,3,5,7,9,11 alternates with 2,4,6,8,10,12