

# DUAL COLOUR MINI BAR

## Features:

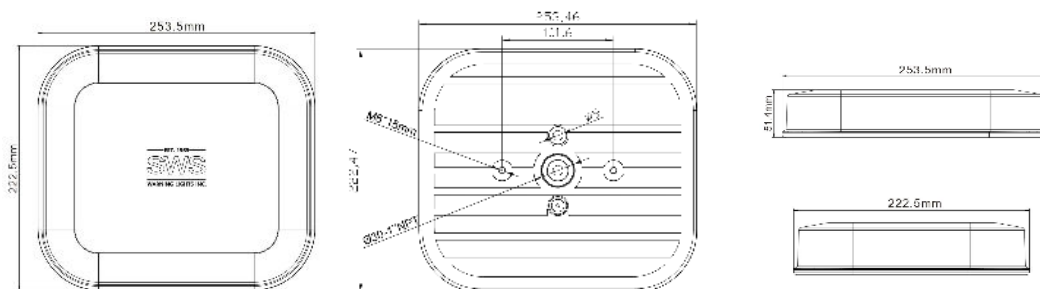
- ▶ Built-in light sensor for Auto dim
- ▶ Maximum 4 units can be synchronized
- ▶ Memory function
- ▶ Reverse polarity protection
- ▶ Waterproof and vibration resistant design for external or internal use
- ▶ UV-resistant polycarbonate lens & die-cast aluminum base
- ▶ EMC approved
- ▶ Low voltage check and protection
- ▶ Amber 360°/Blue back
- ▶ Mounting options: 2 bolts, 1" NPT pipe mounting, Magnet with Suction Cups (Optional, needs Mag-Mounting Kit Accessory)
- ▶ Warranty : 10 years



## Specifications:

- ▶ Operating voltage: DC 12-24V
- ▶ LED qty: 64 pcs × 1.5W (amber 48LED, blue 16LED)
- ▶ IP rating: IP67/IP69K
- ▶ Max current: 12V@3.4A, 24V@1.6A
- ▶ Temperature: -30°C to +60°C
- ▶ Approval: Meet SAE J845 Class 1, CA T13

## Dimensions:



## Flash pattern:

|   |                                   |   |                                  |    |                                  |
|---|-----------------------------------|---|----------------------------------|----|----------------------------------|
| 1 | Single Flash (SAE Class 1, CT13)  | 6 | Quint Flash                      | 10 | Single Flash and Quad Flash      |
| 2 | Double Flash Faster (SAE Class 1) | 7 | Flicker Flash                    | 11 | Half-half Single Flash Alternate |
| 3 | Double Flash                      | 8 | CCW Rotation-Mode 1              | 12 | Half-half Double Flash Alternate |
| 4 | Triple Flash                      | 9 | CCW Rotation-Mode 2 (Dual color) | 13 | Half-half Quad Flash Alternate   |
| 5 | Quad Flash (SAE Class 1)          |   | CW Rotation (Single color)       | 14 | Front and Back Flash Alternate   |

Remark: 1. Amber and blue dual color: pattern with blue is only for the back view.

2. The 1st to 7th patterns can be synchronized and alternated, the 8th to 14th only can be synchronized.

## Wiring:

### With 7 wires (with memory function):

**Red:** +Positive, controls **amber and blue dual-color** lights. When the red wire is connected to the positive terminal of the power supply, or when both the red and blue wires are connected to the positive terminal, the yellow and blue dual-color lights will flash.

**Blue:** +Positive, controls the **amber single-color** light. When the blue wire is connected to the positive terminal of the power supply, only the yellow light flashes, while the blue light does not.

**Black:** -Negative

**Yellow:** Flash pattern selection

.....Connect yellow to **Red wire or Black wire** less than 1 second, next pattern

**White:** Synchronization

.....To achieve the synchronization function, please connect all yellow wires together, all white wires together, all gray wires together.

**Grey:** Dimming

.....Auto Dim: Constantly connect grey to **Black wire**, the auto dim sensor is activated. When removed from the black wire, the auto dim is off.

.....Manual Dim: Constantly connect grey to **Red wire or Blue wire**, the product dims. When removed from the red wire or blue wire, the product returns to high power.

**Green:** Alternating

.....Connect all the white wires, then connect the green wires of Group A products to the **Red wire or Blue wire**, the remaining products are considered Group B, achieving alternating flash.

### Remark:

**Battery Check:** When the voltage is 10.5V or below, light goes in dim and designated pattern; when the voltage is 12V or above, light resumes its normal operation.



## WARNING

(1) Do not look directly into LEDs while in operation; may cause momentary blindness and/or eye damage.

(2) Magnetically mounted warning devices are not recommended for use on vehicles while in motion. Any such use is undertaken solely at the user's own risk and responsibility.