

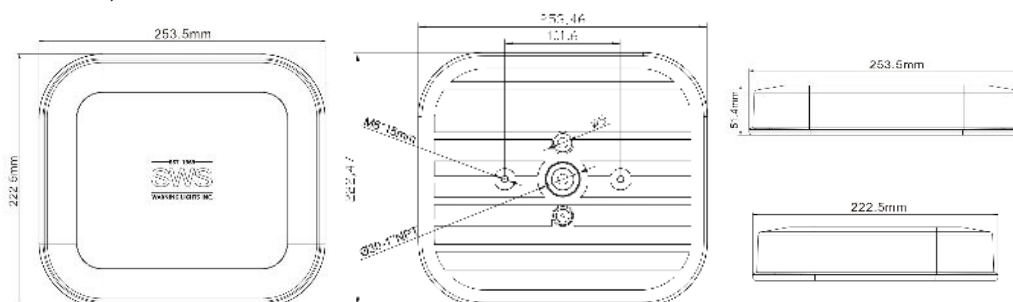
## Features:

- ▶ 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
- ▶ 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: 48 pcs × 1.5W
- ▶ 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)  | 10 | CW Rotation Faster               | 19 | Front and Back Flash Alternate         |
| 2 | Single Flash Faster               | 11 | CW Rotation                      | 20 | Left and Right Single Pulse Alternate  |
| 3 | Double Flash                      | 12 | CCW Rotation Faster              | 21 | Left and Right Speed Up then Flash All |
| 4 | Double Flash Faster (SAE Class 1) | 13 | CCW Rotation                     | 22 | Left Only Quad Flash                   |
| 5 | Triple Flash                      | 14 | Half-half Single Flash Alternate | 23 | Right Only Quad Flash                  |
| 6 | Triple Flash Faster               | 15 | Half-half Double Flash Alternate | 24 | Front Only Quad Flash                  |
| 7 | Quad Flash (SAE Class 1)          | 16 | Half-half Quad Flash Alternate   | 25 | Back Only Quad Flash                   |
| 8 | Quint Flash                       | 17 | Steady On                        | 26 | Big Rotation CCW                       |
| 9 | Flicker Flash                     | 18 | Single Pulse                     | 27 | Big Rotation CW                        |

Remark: The 1st to 9th patterns can be synchronized and alternated, the 10th to 27th only can be synchronized.

## Wiring:

**With 6 wires (with memory function):**

**Red:** +Positive

**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**, the product dims. When removed from the red 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**, the remaining products are considered Group B, achieving alternating flash.

**Remark:**

1. The 18th Single Pulse and the 20th Left and Right Single Pulse Alternate are not applicable on auto dim.

2. **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.