

## FEATURES

- Operating voltage: DC 12-24V
- 6LED\*4W
- 19 Flash patterns
- Max Qty of SYNC'D Heads: 14 units
- Can synchronize or alternate
- Silicone housing resisting yellow in color and warping
- It can be mounted on flat or curved surfaces up to 120° with 3M self-adhesive
- Meets IP67/IP69K ingress protection standards
- -30°C to +60°C extreme temperature reliability
- With memory function
- Approval: ECE R65 XA1 (*Amber LED clear lens*)  
ECE R10, CE, UKCA
- \*Meets SAE J595 Class 1 (*Amber LED clear lens*), CISPR 25 Class 3
- Size (L\*W\*H): Without bezel: 100mm\*23mm\*12mm  
With bezel: 117mm\*27mm\*12mm
- LED colour: Amber

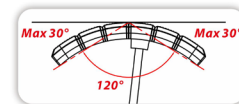
## FLASH PATTERNS

<b>1</b>	Single flash (ECE R65)	<b>11</b>	Sixteen flash
<b>2</b>	Single flash - Slow	<b>12</b>	Single flash - split
<b>3</b>	Double flash (ECE R65)	<b>13</b>	Double flash - split
<b>4</b>	Double flash - Slow	<b>14</b>	Quad flash - split
<b>5</b>	Triple flash	<b>15</b>	Octa flash - split
<b>6</b>	Quad flash - Fast (ECE R65)	<b>16</b>	Single flash - split accelerate
<b>7</b>	Quad flash - Slow	<b>17</b>	Double flash - split accelerate
<b>8</b>	Octa flash - Fast	<b>18</b>	SOS flash
<b>9</b>	Octa flash - Slow	<b>19</b>	Steady on
<b>10</b>	Twelve flash	<b>18/19</b>	without Alternating Flash



### WARNING

- (1) Do not look directly into LEDs while in operation; this may cause momentary blindness and/or eye damage.
- (2) It is mandatory to use ECE R65 approved flash patterns on public roads while other flash patterns can be used only when it is permitted.



## WIRING

**RED**..... +VDC (Control high intensity)

**BLACK**..... -GROUND

**WHITE**..... Dimming. Constantly apply to **Black wire** for dimming. Disconnect from black back to high intensity.

**YELLOW**.... Pattern Selection + Synchronization + Alternating

(1) Pattern Selection - Apply yellow to **Black wire**

..... Less than 1s for next pattern

..... 1 to 3s for previous pattern

..... 3 to 5s back to pattern 1

(2) **Synchronization**

If no need alternating, connect all lighthoods' yellow wires together to achieve synchronization .

(3) **Setting 2 Groups of lighthoods synchronization and alternating**

Step1: **Grouping**

Apply Group A's yellow wires together and then apply to **Black wire** for 5 to 10 seconds, Group A is set, and the rest lighthoods will be seen as Group B.

Step 2: **Synchronization**

Connect all Group A & B's yellow wires together to achieve synchronization .

Step 3: **Alternating and Synchronization**

Apply all Group A & B's yellow wires to **Black wire** for 10-15 seconds, Group A & B will be alternating.

For resuming synchronization, apply all Group A & B's yellow wires to **Black wire** for 10-15 seconds again, Group A & B will be synchronized.

Step 4: **Resetting**

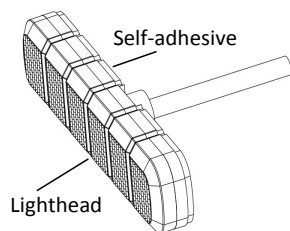
Apply all Group A & B's yellow wires to **Black wire** for more than 15 seconds, group A & B will be reset.

**GREY**(If have)..... Cruise mode. Constantly connect grey wire to **Black wire** to achieve cruise mode function.

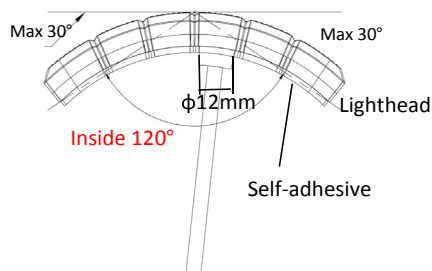
## MOUNTING

### 1. SELF-ADHESIVE (WITHOUT BEZEL)

#### ① Flat surface

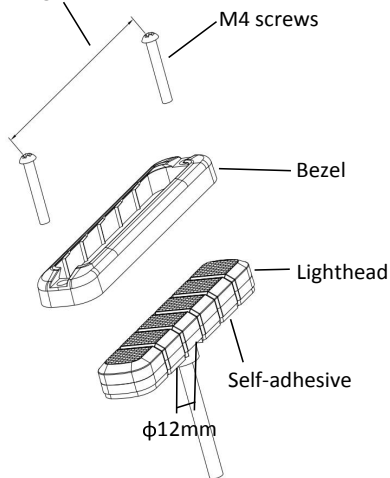


#### ② Curved surface

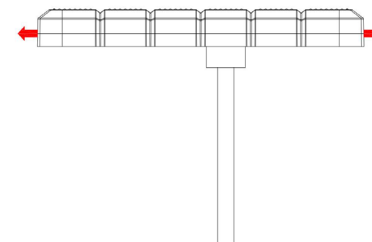


### 2. BOLT MOUNT (WITH BEZEL)

Mounting distance: 108mm



### ATTENTION



**NO PULLING**

Do not pull the lighthouse to avoid damaging PCB and components.

#### NOTICE

- (1) It is necessary to clean the mounting surface before 3M self-adhesive mounting.
- (2) Both self-tapping and round head screws can be chosen for mounting based on customers' need.