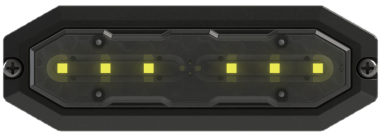
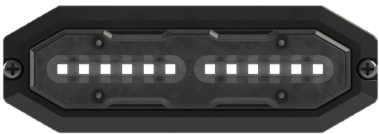


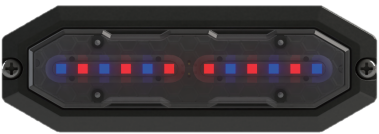
6 LED single color lighthouse



















12 LED single color lighthouse

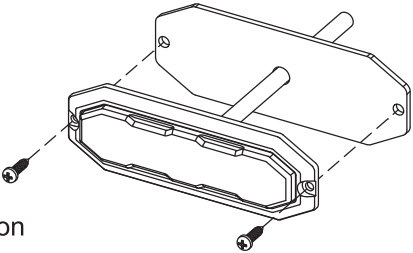


6+6 LED dual color lighthouse



Model			
Color	   	   	       
LED Diode	6	12	6 + 6 interweaved
Max. Current	1.7A @ 12 VDC 0.85A @ 24 VDC	3.4A @ 12 VDC 1.7A @ 24 VDC	1.7A @ 12 VDC 0.85A @ 24 VDC
Voltage	12 ~ 24 VDC		
Operating Tem.	-30 ~ 50℃		
Accessories	2 pcs Ø4x16mm self-tapping screws, gasket and operation manual		

- RED** ----- To +VDC (fuse@3.5A)
- BLACK** ----- To chassis ground
- BLUE** ----- For pattern advance and sync
- WHITE** ----- For dim function
- GREEN** ----- For turn signal or steady function
- YELLOW** ----- To +VDC (fuse@3.5A) for second color  
(Only dual color lighthouse has yellow wire)



**For dual color lighthouse flashing :**

- Apply **RED** and **YELLOW** wire to +VDC together, two colors will flash alternatively.
- Two colors and dual color can be set to different flash and directional pattern.

**For flash pattern :**

- Momentarily apply **BLUE** wire to +VDC, the flash pattern will advance to next one.
- Apply **BLUE** wire to +VDC for 3~5 seconds, the flash pattern will reset to pattern 1.

**For synchronization :**

- Connect **BLUE** wire of all lighthoods together. All lighthoods should be set at the same flash pattern.

**For simultaneous or alternative flash :**

- Apply **BLUE** wire to +VDC for 7 seconds to enter grouping mode.  
1 LED flash - Group 1 (momentarily apply **BLUE** wire to +VDC to change group)  
2 LED flash - Group 2
- Lighthoods in the same group flash simultaneously.
- Lighthoods in different group flash alternatively.
- Turn off the power to save and exit the grouping mode, the flash pattern and directional pattern will reset to pattern 1.

**For dim function :**

- Apply **WHITE** wire to +VDC, the light intensity will decrease to 60% for night time driving. (This function only effect on flash pattern 1~10)

**For turn signal or steady function :**

- Apply **GREEN** wire to +VDC, directional pattern will initiate and override original flash pattern.
- Momentarily apply **BLUE** wire to +VDC, the directional pattern will advance to next one.
- When multiple lighthoods sync together and set in flash pattern 1 or 2, the flash speed will temporary change if part of lighthoods turn on the turn signal function.

FLASH PATTERN			
1	Single 120 (R65)	14	Split single fast
2	Double 120 (R65)	15	Split quad fast
3	Single (SAE)(CAT13)	16	Split single turbo
4	Double (SAE)	17	Split double turbo
5	Quad (SAE)	18	Split combo
6	Single fast	19	Random
7	Double fast	20	Running 1
8	Quad fast	21	Running 2
9	Quad fast continue	22	Running 3
10	Combo	23	Running 4
11	Split single	24	Running combo
12	Split double	25	Steady half flash
13	Split quad	26	Steady burn

DIRECTIONAL PATTERN			
1	Right 1	2	Right 2
3	Left 1	4	Left 2
5	Steady burn		