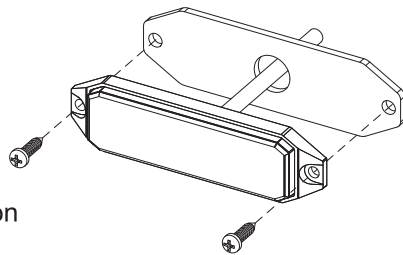



Ultimate Thin Mini Lighthead

- RED** ----- To +VDC (fuse@1.5A)
BLACK ----- To chassis ground
BLUE ----- For pattern advance and sync
WHITE ----- For dim function
GREEN ----- For turn signal or brake function



Model	Single Color
Color	
LED Diode	6
Max. Current	1.3A @ 12 VDC 0.65A @ 24 VDC
Voltage	12 ~ 24 VDC
Operating Tem.	-30 ~ 50°C
Accessories	2 pcs M4x16mm self-tapping screws, gasket and operation manual

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, light intensity down to 60% for driving at night.

For turn signal or brake function :

- Apply **GREEN** wire to +VDC, directional pattern will initiate. If **RED** wire is still on +VDC, directional pattern will override original flash pattern.
- Momentarily apply **BLUE** wire to +VDC while **GREEN** wire on +VDC, the directional pattern will advance to next one. Apply **BLUE** wire to +VDC for 3~5 seconds, the directional pattern will reset to pattern 1.
- When multiple lightheads sync together and set in flash pattern 1 or 2, the flash speed will temporarily change if part of the lightheads activated 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		

WARNING !

- Do not tangled **BLUE**, **GREEN** or **WHITE** wires together; otherwise, product will stop working and cause dysfunction.
- To sync the lights together, please choose patterns and simultaneous/alternative flash mode before installing.
- To use dynamic patterns (Right 1, Right 2, Left1, Left 2) as indicator function. Connect **GREEN** wire to vehicle turn signal "Switch" instead of signal "Lights/Wires"; otherwise, the Dynamic pattern won't work continuously. Steady burn pattern can connect with vehicle turn signal lights/wires directly.
- Please note the steady burn pattern won't keep full-power output to prevent overheating.