# ID6

**Identification Lighthead**

## Surface Mount

To Chassis Ground: ---------- **BLACK**

To +VDC (fuse @ 3A) ----------- **RED**
for Memory2

To +VDC (fuse @ 3A) ---------- WHITE
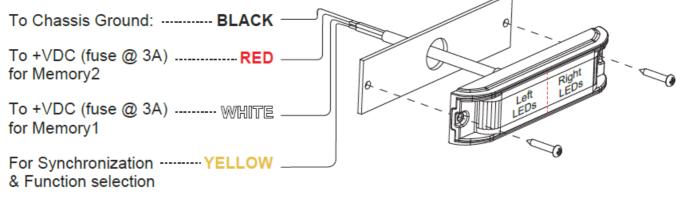for Memory1

For Synchronization ---------- **YELLOW**
& Function selection

## Operation

This lighthead is designed with 2 sets of memory to allow the user to instantly switch from one confiuguration to another with a simple switch of a button (user-supplied).

Connect **BLACK** wire to Ground, and applying +VDC to:
- WHITE wire to activate Memory1
- **RED** wire to activate Memory2

**NOTE:** **RED** wire has priority over WHITE wire when both wires are activated.

Follow the following steps to configure each Memory:

**A.** Select the desired Flash Pattern for WHITE wire:
- Warning = Warning Flash Patterns only (FP#1~13)
- Steady&Warning = Half Steady & Half Warning (FP#14)
- Full Steady = Steady only (FP#15)

1. Activate Memory1 by applying +VDC to WHITE wire.

2. While WHITE wire is activated, momentarily apply +VDC to YELLOW wire:
    - once for <1 second for next flash pattern.
    - quickly three times for reset to default.

| FP# | Flash Pattern | |
|-----|---------------|-----|
| 1 | Double (default) | R65 |
| 2 | Single | 2Hz |
| 3 | Triple | 2Hz |
| 4 | Quad | 2Hz |
| 5 | Random | - |
| 6 | Single | SAE |
| 7 | Double | SAE |
| 8 | Quad | SAE |
| 9 | Quint | SAE |
| 10 | Mega | - |
| 11 | Ultra | SAE |
| 12 | Single-Quad | - |
| 13 | Single H/L | - |
| 14 | Steady&Warning | - |
| 15 | Full Steady | - |

**B**. Select the desired Mode for WHITE wire:

1. While WHITE wire is activated, apply +VDC to YELLOW wire for >3 seconds to enter Mode setting.

2. Once in Mode setting, lighthead will display dim slow pulses. Momentarily apply +VDC to YELLOW wire for <1 second for next mode. (refer to Mode chart)

3. After the desired mode is selected, apply +VDC to YELLOW for >3 seconds to exit Mode setting, (or disconnect all power).

| Mode | | Warning | Steady & Warning | Full Steady |
|---|---|---|---|---|
| 1 | All (single pulse) | All [G1] | Top Steady & Bottom Double Flash [G1] | All high power |
| 2 | All (double pulse) | All [G2] | Top Steady & Bottom Double Flash [G2] | All low power |
| 3 | All (split-single pulse) | Split [G1] | Bottom Steady & Top Double Flash [G1] | All high power |
| 4 | All (split-double pulse) | Split [G2] | Bottom Steady & Top Double Flash [G2] | All low power |
| 5 | Left (single pulse) | Left only [G1] | Left Steady & Bottom Quad Flash [G1] | Left high power |
| 6 | Left (double pulse) | Left only [G2] | Left Steady & Bottom Quad Flash [G2] | Left low power |
| 7 | Right (single pulse) | Right only [G1] | Right Steady & Top Quad Flash [G1] | Right high power |
| 8 | Right (double pulse) | Right only [G2] | Right Steady & Top Quad Flash [G2] | Right low power |

All = Top & Bottom          [G1] = Group1     [G2] = Group2

**NOTE:** For mutiple lighthead installation, heads in the same Group flash together. [G1] Heads alternate with [G2] Heads. For synchronization all YELLOW wires must be connected together, and set at the same Flash Pattern.

## Examples

***Example Configuration#1:*** I would like Memory1 to be Full Steady (All low power), and Memory2 to be split Ultra flash (Top row LEDs alternate Bottom row LEDs).

1. Activate WHITE wire and select FP#15.
2. Enter Mode setting and select Mode#2.
3. Activate RED wire and select FP#11.
4. Enter Mode setting and select Mode#3 (or Mode#4).

***Example Configuration#2:*** I would like Memory1 to be Top Steady & Bottom Double Flash, and Memory2 to be All Ultra flash.

1. Activate WHITE wire and select FP#14.
2. Enter Mode setting and select Mode#1 (or Mode#2).
3. Activate RED wire and select FP#11.
4. Enter Mode setting and select Mode#1 (or Mode#2).