

# 12LED LIGHTHEAD MANUAL

## WIRING

To + VDC (fuse @ 3A):.....**RED**

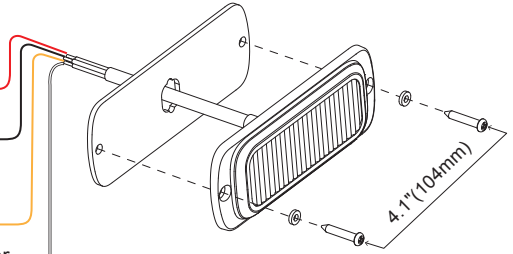
To -Chassis Ground:.....**BLACK**

For Synchronization & Flash Patterns:.....**YELLOW**

Connect **YELLOW** wires of multiple lighthead together for synchronization(All heads should be set at the same Flash Pattern)

For Low Power:..... **WHITE**

Connect **WHITE** wires to +VDC continuously for low power operation



## OPERATION

### For Simultaneous/Alternating Flash and Split Flash Mode:

1. Apply +VDC to **RED** and **YELLOW** wires simultaneously to enter Mode Setting; lighthead will display its current:

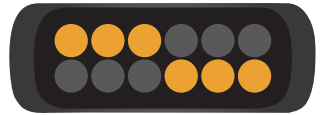
- Split Flash Mode



#1 & #2 Top-Down



#3 & #4 Left-Right



#5 & #6 Criss-Cross

- and Group in short (single or double) flashes:

Single flash = Group1

Double flash = Group2

2. Remove **YELLOW** wire from +VDC then momentarily apply +VDC to change to the desired Flash Mode and Group:

- Heads of the same Group will flash together.
- Heads of different Groups will flash alternately.

3. Save and exit Mode Setting by powering off the lighthead.

| # | FLASH MODES        | GROUP  |
|---|--------------------|--------|
| 1 | Top-Down (default) | Group1 |
| 2 | Top-Down           | Group2 |
| 3 | Left-Right         | Group1 |
| 4 | Left-Right         | Group2 |
| 5 | Criss-Cross        | Group1 |
| 6 | Criss-Cross        | Group2 |

### For Flash Patterns:

Momentarily apply +VDC to **YELLOW** wire:

- once for next pattern
- quick three times for FP#1

**NOTE:** This unit may not be factory set at FP# 1.

| #  | Flash Patterns      |                             |
|----|---------------------|-----------------------------|
| 1  | Double [R65]        | 14 Single (all) [SAE][CA13] |
| 2  | Single [2Hz]        | 15 Double (all) [SAE]       |
| 3  | Triple [2Hz]        | 16 Quad (all) [SAE]         |
| 4  | Quad [2Hz]          | 17 Quint (all) [SAE]        |
| 5  | Random              | 18 Mega (all)               |
| 6  | Single (split)      | 19 Ultra (all) [SAE]        |
| 7  | Double (split)      | 20 Single-Quad (all)        |
| 8  | Quad (split)        | 21 Single H/L (all)         |
| 9  | Quint (split)       | 22 Steady Half [California] |
| 10 | Mega (split)        | 23 Steady (all)             |
| 11 | Ultra (split)       | 24 Rotator Slow             |
| 12 | Single-Quad (split) | 25 Rotator Fast             |
| 13 | Single H/L (split)  |                             |

\*Split = as Split Flash Mode \*All = all LEDs simultaneously