

⚠ WARNING

To properly install this light, you must have a good understanding of automotive procedures and systems, along with proficiency in the installation and use of safety warning equipment. Before installing this light, refer to the unabridged instructions for it (doc. no. 25500119), which are available online at www.fedsig.com. Print the online document and provide copies to the end users of this light and to the personnel who will service this light.

LED FLUSH MOUNT KIT USER MANUAL

12 VDC

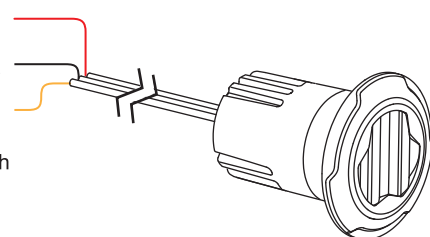
WIRING

To +VDC (fuse @ 1A) **RED**

To -Chassis Ground **BLACK**

For Synchronization and Flash Pattern..... **YELLOW**

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



FOR MULTI-UNIT SYNCHRONIZATION:

Each unit may be set to 1 of the 3 different Group -

- MASTER (default), ● SLAVE-SYNC, and ● SLAVE-ALT.

If synchronized flashing is not required, simply select the desired flash pattern.

For synchronized flashing, one unit should be set to ● MASTER group, while all other units **must** set to ● SLAVE-SYNC or ● SLAVE-ALT group:

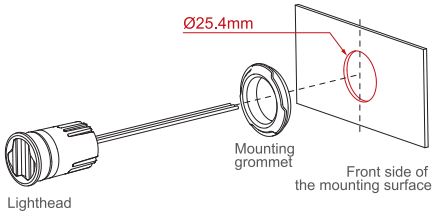
1. Enter *GROUP SELECTION* by applying +VDC to **RED** wires simultaneously then apply +VDC to **YELLOW** wire for over 3 seconds.
2. Once in *GROUP SELECTION*, the unit will steady-burn in low-power and pulse in high-power:
 - Single pulse = ● MASTER (default)
 - Double pulse = ● SLAVE-SYNC
 - Triple pulse = ● SLAVE-ALT
3. Remove **YELLOW** wire from +VDC then momentarily apply to +VDC to change MODE:
 - ● SLAVE-SYNC units flash simultaneously with the ● MASTER unit.
 - ● SLAVE-ALT units flash alternately with the ● MASTER unit and all other ● SLAVE-SYNC units.
4. Exit *GROUP SELECTION* by:
 - (a) Applying +VDC to **YELLOW** wire for over 3 seconds or,
 - (b) Disconnecting all power.

NOTE: If no MASTER unit were present, all SLAVE units will flash initially, and steady burn for 2 seconds to detect any synchronization signal. The installer/user may also use this to easily pick out SLAVE vs. MASTER units.

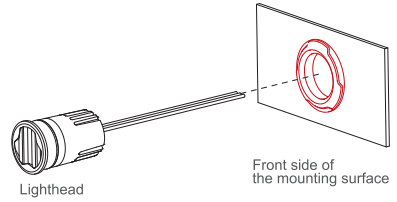
Flash Patterns	
1	Triple 92.3 (all)
2	Triple 90 (all)
3	Single 122 (all)
4	Single 75 (all)
5	Single 90 (all)
6	Single 113 (all)
7	Single 73 (all)
8	Double 73 (all)
9	Triple 73 (all)
10	Quad 73 (all)
11	Quint 73 (all)
12	Mega (all)
13	Ultra (all)
14	Single-Quad (all)
15	Single H/L (all)
16	Steady All (all)
17	Random

INSTALLATION - FLUSH MOUNT

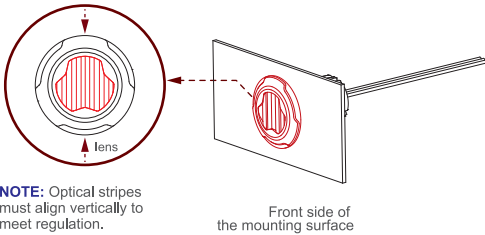
- 1** Select a mounting location and drill a 1" (25.4mm) cut-out.



- 2** From the front, install the MOUNTING GROMMET onto the cut-out, and insert the LIGHTHEAD.

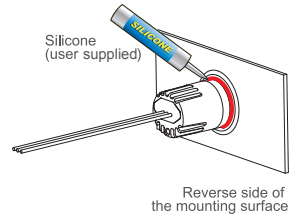


- 3** Ensure that the optical stripes are aligned vertically.



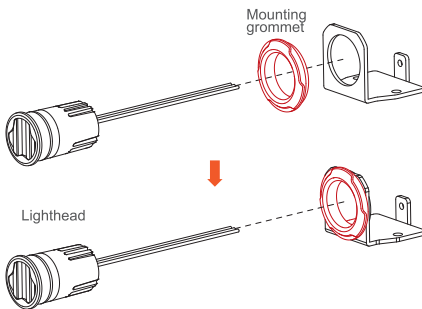
NOTE: Optical stripes must align vertically to meet regulation.

- 4** Where necessary, apply silicone around the reverse side to prevent from rotating.

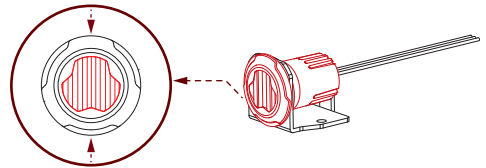


INSTALLATION - BRACKET MOUNT (416301 sold-separately)

- 1** From the front, install the MOUNTING GROMMET onto the BRACKET, and insert the LIGHTHEAD.

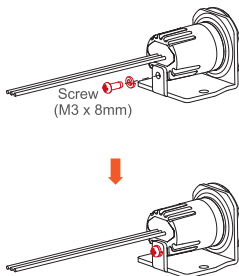


- 2** Ensure that the optical stripes are aligned vertically.



NOTE: Optical stripes must align vertically to meet regulation.

- 3** Secure the LIGHTHEAD onto the BRACKET with a screw.



- 4** Secure the BRACKET onto the desired mounting surface with screws.

