4LED SQUARE WARNING LIGHTHEAD

Wiring

To+VDC for Warning Mode (fuse @ 1A):……… WHITE
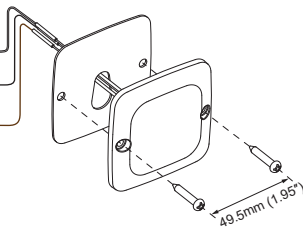
To Chassis Ground:………………………… **BLACK**

For Synchronisation and Flash Pattern:……. **BROWN**
Connect **BROWN** wires of all lightheads together for synchronisation.
 (All lightheads should be set to the same flash pattern)

CAUTION: Ensure that the mounting surface is evenly flat; mounting this
lighthead on non-flat surfaces may result in bending and/or
water ingress.

NOTE: When using adhesive mount, ensure that the mounting surface is
clean, dry and well unified before mounting.

49.5mm (1.95")

Operation

For Simultaneous or Alternating Flash:

1. Enter *SETTING MODE* by powering up with WHITE and **BROWN** wires
   simultaneously; Remove **BROWN** wire from **+VDC**, and the lighthead
   will display short flashes (single or double) :
     • Single flash = Group 1   • Double flash = Group 2

2. Momentarily apply **BROWN** wire to **+VDC** again to change Groups:
     • Lightheads of the same Group will flash together.
     • Lightheads of the different Group will flash alternately.

3. Save and exit *SETTING MODE* by disconnecting all power.

For Flash Pattern Selection:

While activating the warning mode, momentarily apply **BROWN** wire to
+VDC:
     • Once to the next pattern.
     • Quick three times to FP#1 (see Flash Pattern Chart).

Reset to Factory Default Settings:

1. Apply **+VDC** to WHITE and **BROWN** wires simultaneously to enter
   SETTING MODE;

2. Remove **BROWN** wire from **+VDC** then momentarily apply to **+VDC**
   again for more than 5 seconds. The lighthead will display fast short
   flashes to signify restoring successfully.

FP#	Flash Patterns	
1	Single	[2Hz]
2	Double	[2Hz]
3	Triple	[2Hz]
4	Quad	[2Hz]
5	Random	
6	Steady / Cruise	
7	Single	[SAE/CA13]
8	Double	[SAE]
9	Triple	[SAE]
10	Quad	[SAE]
11	Quint	[SAE]
12	Mega	
13	Giga	
14	Ultra	[SAE]
15	Single-Quad	
16	Single H/L	
17	Single-Triple-Quint	
18	Steady EF*	

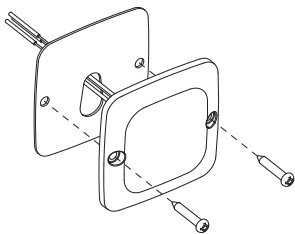* For use with external flash controller.

⚠ CAUTION

Overtightening the mounting screws could damage the lighthead and void the warranty.
Use a torque wrench, tighten the mounting screws with the suggested range of torque value: For #6 mounting screws,
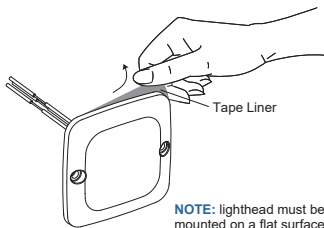6 to 7.8 lbs-in (6.9 to 9 kgf-cm).

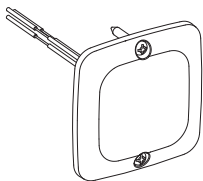## Installation

Screw Mount

1. Drill two mounting holes and one wire passage hole on the mounting surface. Make sure no vehicle parts could be damaged by the drilling process. (Thoroughly deburr holes and use grommet for wire passage hole if needed)
2. Route the wires through the tape pad and the wire passage hole. Secure the lighthead by using the screws provided.

Quick Mount

Tape Liner
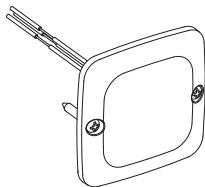
NOTE: lighthead must be mounted on a flat surface.

1. Drill a wire passage hole on the mounting surface. Make sure no vehicle parts could be damaged by the drilling process. (Thoroughly deburr hole and use grommet for wire passage hole if needed)
2. Clean and dry the mounting surface with alcohol prep pad. (or 50:50 mix of isopropyl alcohol and water)
3. Remove the tape liner to apply the tape to the lighthead.
4. Remove another tape liner from the tape.
5. Route the wires through the tape pad and the wire passage hole.
6. Apply the lighthead to the surface and press it firmly for 30 seconds.
7. Full adhesion and bonding will be achieved after 72 hours at room temperature.

Application Example

OR

NOTE: lighthead may be mounted in any direction as shown in the picture above.