LED FLUSH MOUNT KIT   USER MANUAL   12-24VDC

WIRING

To Chassis Ground:.. **BLACK**

To+VDC for Warning Mode❶ (fuse @ 1A):.................. **RED**
Default Color Mode - Color 1

To+VDC for Warning Mode❷ (fuse @ 1A):............. WHITE
Default Color Mode - Color 2

To+VDC for Warning Mode❸ (fuse @ 1A):..... **RED**+WHITE
Default Color Mode - Color 1 alt. 2
(Order Precedence : Mode❸ > Mode❷ or Mode❶)

For Synchronization and Flash Pattern:.............**YELLOW**
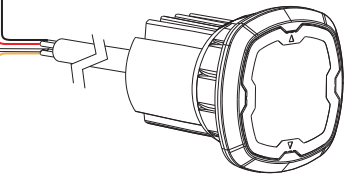
Connect YELLOW wires of all lightheads together for synchronization.
(All lightheads should be set to the same pattern)

OPERATION

For Flash Pattern Selection
While in Warning Mode, momentarily apply **+VDC** to YELLOW wire:
- • once to next pattern
- • quickly three times to FP#1 (Refer ro Flash Pattern Chart)

For Simultaneous or Alternating Flash
1. Apply **+VDC** to **RED** and YELLOW wires simultaneously to enter *SETTING MODE*; lighthead will display short (single or double) flashes:
   - • Single flash = Group 1
   - • Double flash = Group 2
2. Remove YELLOW wire from **+VDC** then momentarily apply **+VDC** again for more than 3 seconds to change Groups.
   - • Lightheads of the same Group will flash together.
   - • Lightheads of different Groups will flash alternately.
3. Save and Exit the *SETTING MODE* by powering off the lighthead.

NOTE: All warning memories share the same Group setting.

For Color Mode Setting
1. Apply **+VDC** to **RED** and YELLOW wires simultaneously to enter *SETTING MODE*; lighthead will display short (single or double) flashes:
   - • Single Color flashing Color 1 = Color1
   - • Single Color flashing Color 2 = Color2
   - • Dual Color flashing Color 1 = Color1 alt 2
   - • Dual Color flashing Color 2 = Color2 alt 1
2. Remove YELLOW wire from **+VDC** then momentarily apply **+VDC** again for less than 3 seconds to change Color Mode.
3. Save and Exit the *SETTING MODE* by powering off the lighthead.

Reset to Factory Default Settings
1. Apply **+VDC** to **RED** and YELLOW wires simultaneously to enter *SETTING MODE*
2. Remove YELLOW wire from **+VDC** then momentarily apply to **+VDC** again more than 5 seconds.
   The lighthead will display fast shrot flashers to signify restoring successfully.
3. Save and Exit the *SETTING MODE* by powering off the lighthead.

| Flash Pattern										
1	Double	[R65*]	8	Double	[SAE]	15	Single-Quad	22	Triple-Triple Fast		
2	Single	[2Hz]	9	Triple	[SAE]	16	Single H/L	23	Quint-Triple		
3	Triple	[2Hz]	10	Quad	[SAE]	17	Single-Triple-Quint	24	7-1 Flash		
4	Quad	[2Hz]	11	Quint	[SAE]	18	Steady Scene	25	7-1 Flash #		
5	Random		12	Mega		19	Single-Single	26	Quad-Single		
6	Steady EF**		13	Giga		20	Double-Double	27	Quad-Single#		
7	Single	[SAE][CA13]	14	Ultra	[SAE]	21	Triple-Triple Mid	28	Quint-Quint		

FP#19~28 will aways operate in dual color.
\# Inverted color mode.
*Actual approval will be based on the model ordered.
** For use with external flash controller

INSTALLATION

Pop-n-Lock

Recommended Surface thickness @1.5~4.0mm

1 Select a mounting location and drill an 1.14" (29mm) cut-out, and then install the LIGHTHEAD onto the cut-out.
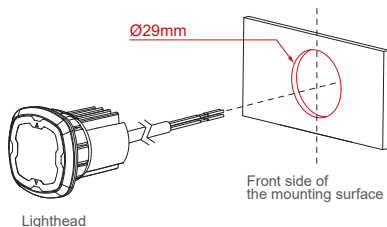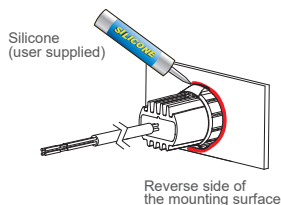
Ø29mm

Front side of the mounting surface

Lighthead

NOTE: To install more efficiently, use a rotating motion to guide the LIGHTHEAD when installing onto the cut-out.

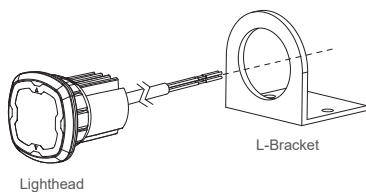**2** Ensure that the optical stripes are aligned vertically.
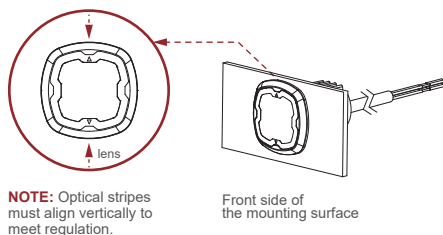
lens

NOTE: Optical stripes must align vertically to meet regulation.

Front side of the mounting surface

3 Where necessary, apply silicone around the reverse side to prevent from rotating.

Silicone (user supplied)

SILICONE

Reverse side of the mounting surface

Bracket Mount* (sold-separately)

1 From the front, install the LIGHTHEAD onto the BRACKET.
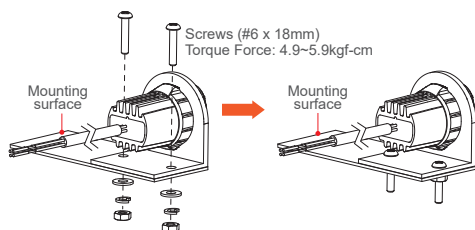
L-Bracket

Lighthead

NOTE: To install more efficiently, use a rotating motion to guide the LIGHTHEAD when installing onto the BRACKET.

2 Ensure that the optical stripes are aligned vertically.

lens

NOTE: Optical stripes must align vertically to meet regulation.
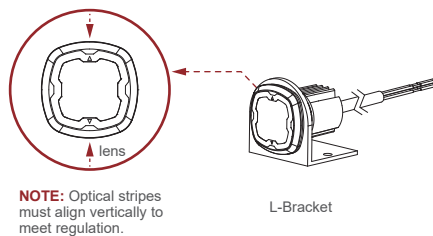
L-Bracket

3 Secure the BRACKET onto the desired mounting surface with screws.

Screws (#6 x 18mm)
Torque Force: 4.9~5.9kgf-cm

Mounting surface

Mounting surface

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

Silicone (user supplied)

SILICONE

Mounting surface