DUAL COLOR 3+3 LED DUAL COLOR LIGHTHEAD

WIRING

To Chassis Ground:..... BLACK

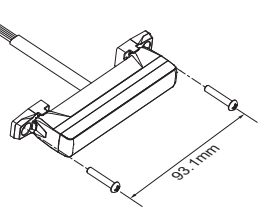
To+VDC for Warning Mode❶ (fuse @ 1A):..... RED
Default Color Mode - Color 1

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

(To+VDC for Warning Mode❸:.....RED+WHITE)
Default Color Mode - Color 1 alt. 2
Order of Precedence: Mode❸ > Mode❶ = Mode❷ > Cruise Mode

To+VDC for Cruise Mode (fuse @ 1A):..... GREEN

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



OPERATION

For Flash Pattern Selection:

Each Warning Mode may select and save one Flash Pattern. While activating a Warning Mode, momentarily apply YELLOW wire to **+VDC**:
- Once to next pattern.
- Quick three times to the default Flash Pattern (FP#1).
(refer to Flash Pattern Chart)

For Simultaneous or Alternating Synchronization:

1. Apply **+VDC** to **RED** (or WHITE or **RED**+WHITE) and YELLOW wires simultaneously to enter *SETTING MODE*; the lighthead will display short flashes:
   - Single flash = Group 1
   - Double flash = Group 2
2. Remove YELLOW wire from **+VDC** then momentarily apply to **+VDC** again for more than 3 seconds 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.

NOTE: All warning modes share the same Group setting.

For Color Mode Setting:

1. Each Warning Memory may select and save one Color Mode. Apply **+VDC** to **RED** (or WHITE or **RED**+WHITE) and YELLOW wires simultaneously to enter *SETTING MODE*; the lighthead will display its current Color Mode:
   - Single Color flashing Color 1 = Color 1
   - Single Color flashing Color 2 = Color 2
   - Dual Color flashing Color 1 = Color 1 alt. 2
   - Dual Color flashing Color 2 = Color 2 alt. 1
2. Remove YELLOW wire from **+VDC** then momentarily apply to **+VDC** again for less than 3 seconds to change Color Mode.
3. Save and exit *SETTING MODE* by disconnecting all power.

Reset to Factory Default Settings:

1. Apply **+VDC** to **RED** (or WHITE or **RED**+WHITE) and YELLOW wires simultaneously to enter *SETTING MODE*;
2. Remove YELLOW 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.
3. Save and exit *SETTING MODE* by disconnecting all power.

Flash Pattern (Dual Color)

1	Double	[2Hz]	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 always operate in dual color.
* For use with external flash controller. # Inverted color mode.

SINGLE COLOR 6 LED SINGLE COLOR LIGHTHEAD

WIRING

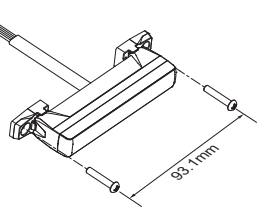
To Chassis Ground:..... BLACK

To+VDC for Warning Mode (fuse @ 2A):..... RED
Apply **+VDC** to **RED** wire for High Power Operation (100%).

For Low Power Operation:..... WHITE
Apply **+VDC** to WHITE wire while **RED** wire is activated for Low Power Operation (40%).

To+VDC for Cruise Mode (fuse @ 2A):..... GREEN
Order of Precedence: Warning Mode > Cruise Mode

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



OPERATION

For Flash Pattern Selection:

Each Warning Mode may select and save one Flash Pattern. While activating a Warning Mode, momentarily apply YELLOW wire to **+VDC**:
- Once to next pattern.
- Quick three times to the default Flash Pattern (FP#1).
(refer to Flash Pattern Chart)

For Simultaneous or Alternating Synchronization:

1. Apply **+VDC** to **RED** and YELLOW wires simultaneously to enter *SETTING MODE*; the lighthead will display short flashes:
   - Single flash = Group 1
   - Double flash = Group 2
2. Remove YELLOW wire from **+VDC** then momentarily apply to **+VDC** again for more than 3 seconds 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.

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 for more than 5 seconds. The lighthead will display fast short flashes to signify restoring successfully.
3. Save and exit *SETTING MODE* by disconnecting all power.

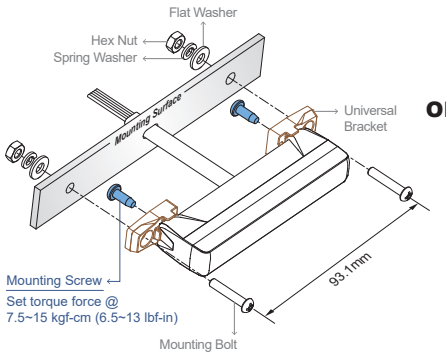
Flash Pattern (Single Color)

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

* For use with external flash controller.

INSTALLATION

Universal Bracket



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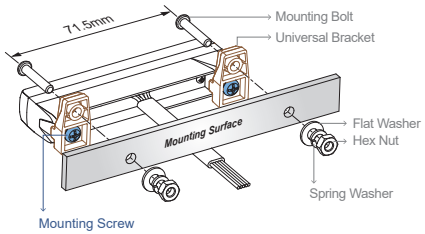
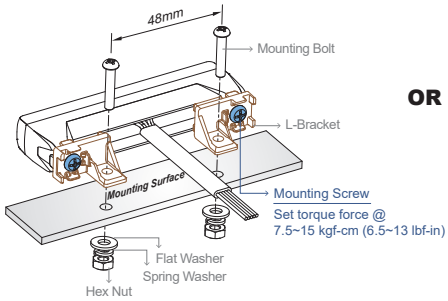


L-Bracket



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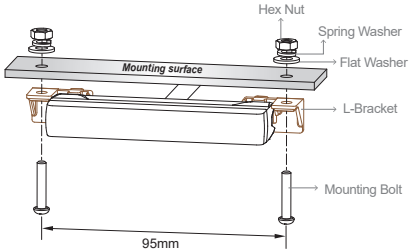
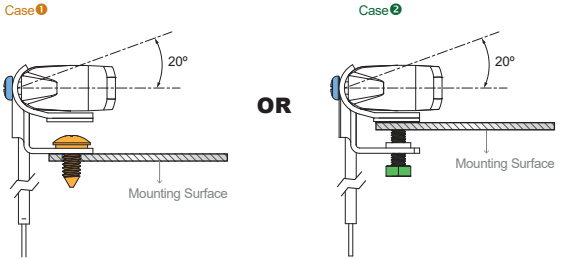
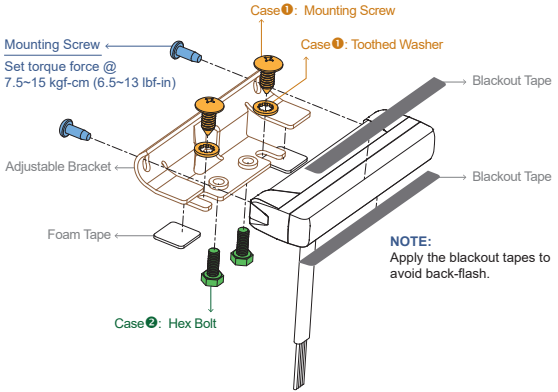


Adjustable Bracket (Optional)

The angle of lighthead is adjustable up to 20 degree for optimum warning efficiency.





NOTE:
Apply the blackout tapes to avoid back-flash.