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

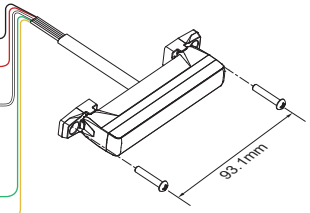
To+VDC for Warning Mode❷ (fuse @ 1A):..... **WHITE**
Default Color Mode - Color 2

(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)

SETTING MODE

The following settings will required user to enter *SETTING MODE*, to enter:
1. Power off the unit completely and power up by applying **+VDC** to **RED** (or **WHITE** or **RED+WHITE**) and **YELLOW** wires simultaneously.
2. Remove **YELLOW** wire from **+VDC** to enter *SETTING MODE*. Lighthead will flash in low-power while in *SETTING MODE*.

For Simultaneous or Alternating Synchronization:

1. While in *SETTING MODE*; the lighthead will display short flashes:
   - Single flash = Group 1 (Factory Default)
   - Double flash = Group 5
   - Three flash = Group 2
   - Four flash = Group 3
   - Five flash = Group 4
   - Six flash = Group 6
   - Seven flash = Group 7
   - Eight flash = Group 8

   Set by BlinkCast Programmer only.
2. Momentarily apply **YELLOW** wire to **+VDC** for 3~4 seconds to change Groups:
   - Lightheads of the same Group will flash together.
   - Lightheads of the different Group will flash alternately.

   Have 2 sets of lighthead(s) in different Group to 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. While in *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. Momentarily apply **YELLOW** wire to **+VDC** 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. While in *SETTING MODE*, momentarily apply **YELLOW** wire to **+VDC** for more than 5 seconds. The lighthead will display fast short flashes to signify restoring successfully.
2. 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#18 installed at a downward angle of 10 degrees complies with ECE R148 regulations
(Please refer to the installation demonstration diagram below).

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**

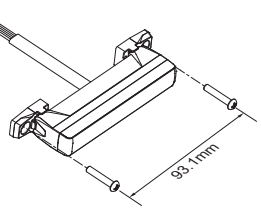
To+VDC for Warning Mode (fuse @ 2A):..... **RED**
Apply **+VDC** to **RED** wire for High Power Operation (100%).

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)

SETTING MODE

The following settings will required user to enter *SETTING MODE*, to enter:
1. Power off the unit completely and power up by applying **+VDC** to **RED** (or **WHITE** or **RED+WHITE**) and **YELLOW** wires simultaneously.
2. Remove **YELLOW** wire from **+VDC** to enter *SETTING MODE*. Lighthead will flash in low-power while in *SETTING MODE*.

For Simultaneous or Alternating Synchronization:

1. While in *SETTING MODE*; the lighthead will display short flashes:
   - Single flash = Group 1 (Factory Default)
   - Double flash = Group 5
   - Three flash = Group 2
   - Four flash = Group 3
   - Five flash = Group 4
   - Six flash = Group 6
   - Seven flash = Group 7
   - Eight flash = Group 8

   Set by BlinkCast Programmer only.
2. Momentarily apply **YELLOW** wire to **+VDC** for less than 4 seconds to change Groups:
   - Lightheads of the same Group will flash together.
   - Lightheads of the different Group will flash alternately.

   Have 2 sets of lighthead(s) in different Group to flash alternately.
3. Save and exit *SETTING MODE* by disconnecting all power.

NOTE: All warning modes share the same Group setting.

Reset to Factory Default Settings:

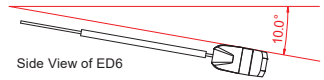
1. While in *SETTING MODE*, momentarily apply **YELLOW** wire to **+VDC** for more than 5 seconds. The lighthead will display fast short flashes to signify restoring successfully.
2. Save and exit *SETTING MODE* by disconnecting all power.

Flash Pattern (Single Color)

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

* For use with external flash controller.

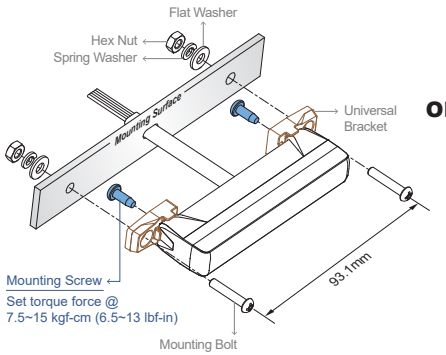
* ECE R148 INSTALLATION ANGLE



Side View of ED6

INSTALLATION

Universal Bracket



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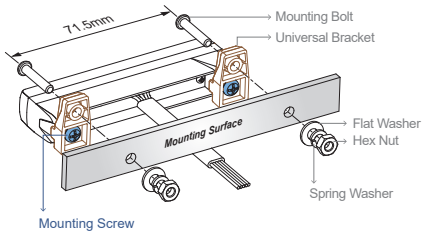
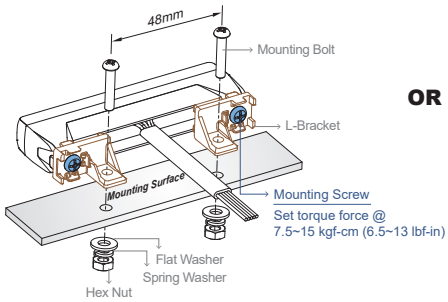


L-Bracket



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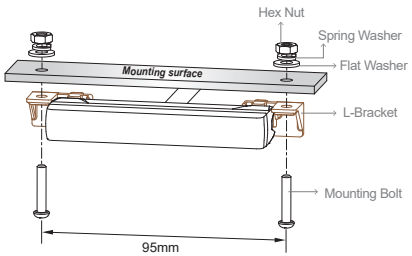
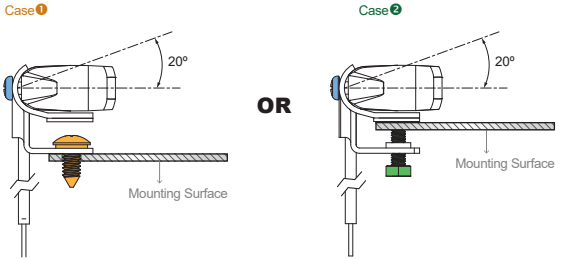
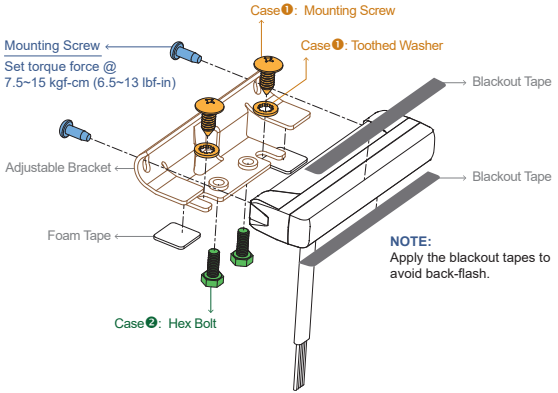


Adjustable Bracket (Optional)

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





BlinkCast Ready

This product can be configured ideally by using BlinkCast Programmer with desired Flash Pattern, Group (Phase), and Color Mode to save your installation time! Contact your sales representatives or see your User Manual of BlinkCast Programmer for detailed information.