



BLINKCAST Flexion 6 Led Single Colour Lighthouse Instruction Manual

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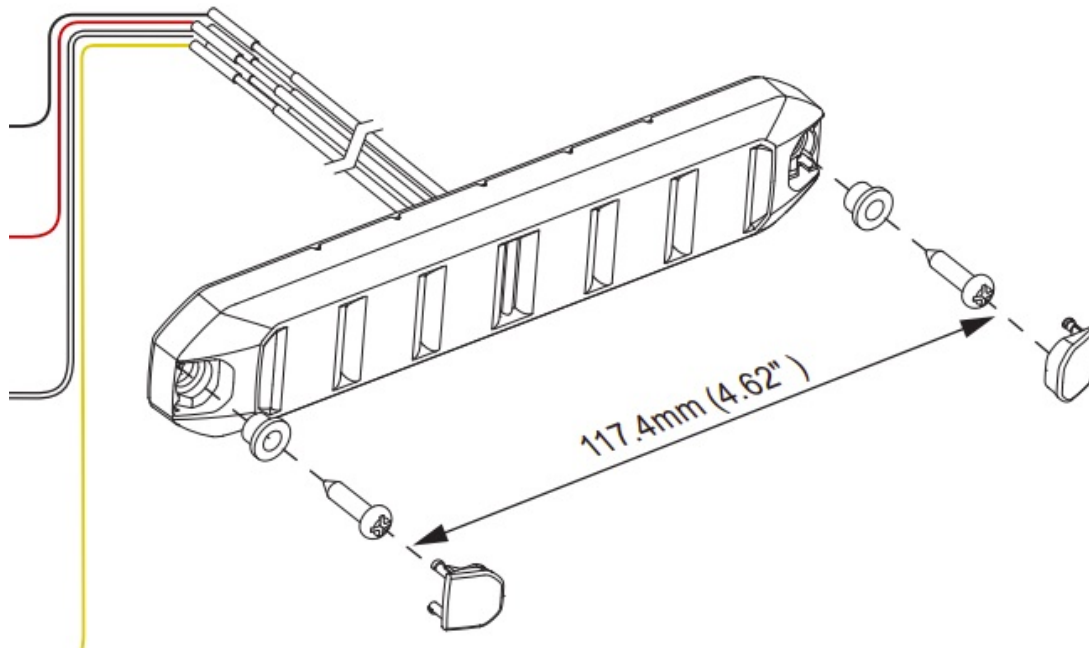
BLINKCAST Flexion 6 Led Single Colour Lighthouse Instruction Manual



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Wiring



- **To Chassis Ground:**..... BLACK
- **To+VDC for Warning Mode1** (fuse @ 1A):..... RED
Default Flash Pattern – FP#2 Single [2Hz]
- **To+VDC for Warning Mode 2** (fuse @ 1A):..... WHITE
Default Flash Pattern – FP#1 Double [2Hz]
- **To+VDC for Warning Mode 3:**.....RED+WHITE Default Flash Pattern – FP#18 Steady Scene
- **For Synchronization and Flash Pattern:**.....YELLOW Connect YELLOW wire of all lighthouses together for synchronization. (All lighthouses should be set to the same Flash Pattern)

Operation

Flash Pattern (Single Colour)		
1	Double	[2Hz]
2	Single	[2Hz]
3	Triple	[2Hz]
4	Quad	[2Hz]
5	Random	
6	Steady EF*	
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 Scene	
19	Cruise	
20	Sweep Single TA	
21	OFF	

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 the next pattern.
- Quick three times to FP#1 (refer to Flash Pattern Chart)

Shortcut Setting for Steady EF (External flasher):

This shortcut allows quick changing of trigger wires setting to each colour with Steady EF pattern all at one time. Momentarily apply YELLOW wire to +VDC for 3~4 seconds (visual feedback: ON→OFF→ ON) while activating any warning mode. Colour mode and Flash Pattern of each warning mode will be set to.

Warning Mode 1 = Colour 1, FP#6 Steady EF

Warning Mode 2 = Same Color mode, FP#21 OFF

Warning Mode 3 = Same Color mode, FP#21 OFF

Setting Mode

The following settings will require user to enter SETTING MODE to operate; 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**. Lightheaded will then flash in low-power while in **SETTING MODE**.
3. To save and exit the setting, simply disconnect the power after operation.

For Simultaneous or Alternating Synchronization:

To change Group, while in setting mode, momentarily apply YELLOW wire to +VDC for 3~4 seconds. the lighthead will display short flashes.

Set by BlinkCast Programmer only

- Single flash = Group 1
- Three flash = Group 2
- Four flash = Group 3
- Five flash = Group 4
- Double flash = Group 5
- Six flash = Group 6
- Seven flash = Group 7
- Eight flash = Group 8

NOTE:

- Lightheaded of the same Group will flash together.
- Lightheaded of the Group 1 & Group 5 will flash alternately.

Reset to Factory Default Settings:

While in setting mode, apply YELLOW wire to +VDC for more than 5 seconds. The lightheaded will display fast short flashes to signify restoring successfully.

BlinkCast Ready

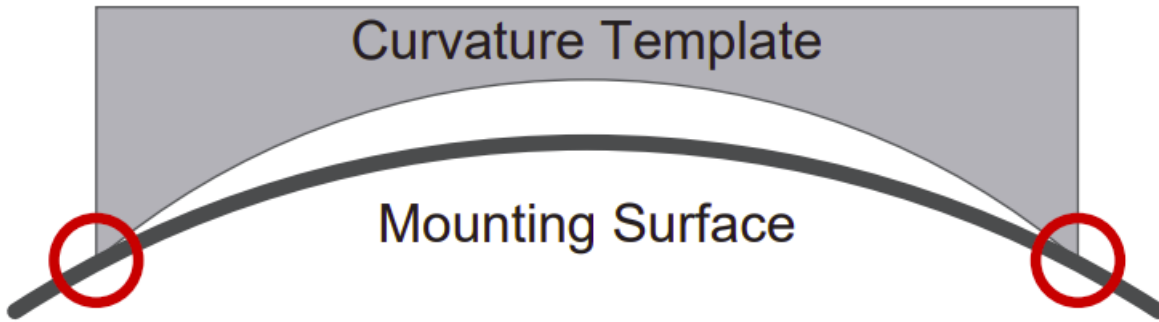
This product can be configured ideally by using Blink Cast Programmer with desired Flash Pattern, Group (Phase), and Color Mode to save your installation time! Contact your sales representatives or see your User Manual of Blink Cast Programmer for detailed information.

Installation

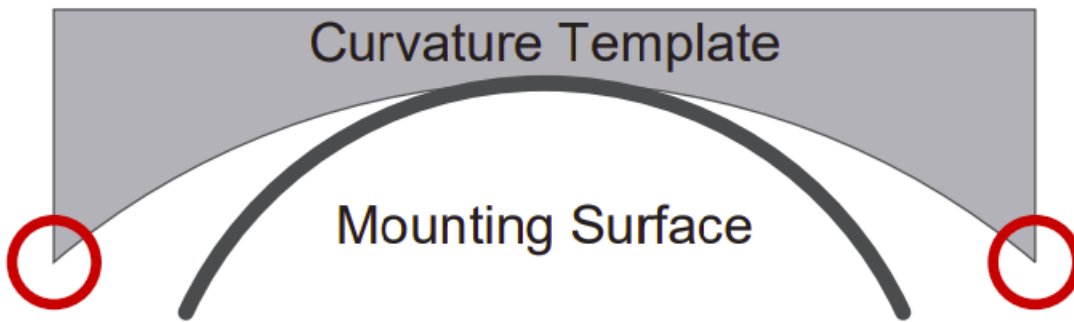
Curved Surface / Flat Surface

1. [Curved Surface] Use curvature template to check surface countability: make sure surface curvature is over 120 degree.

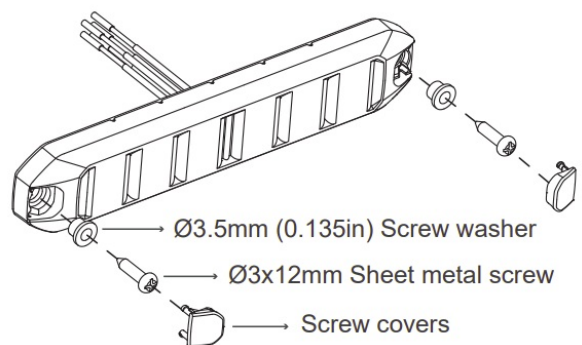
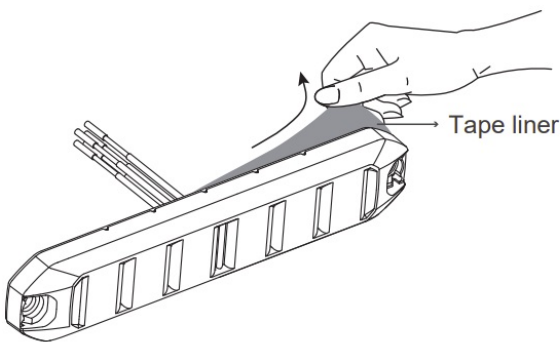
Both points can touch: mountable



▼ One or no point can touch: uncountable



2. Mark and 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)
3. Clean and dry the mounting surface with alcohol prep pad provided. (or 50:50 mix of isopropyl alcohol and water)
4. Remove the tape liner from the tape and apply the lighthouse to the surface and press it firmly for 30 seconds. Full adhesion and bonding will be achieved after 72 hours at room temperature.
5. [Flat Surface] For best secure installation, it is recommended to always mount lighthouses with screws. [Curved Surface] Due to lighthouse tension, it is required to always mount lighthouses with screws on curved surface.
6. Once secured, apply screw covers onto the lighthouse for best aesthetic. (use silicon glue to better secure the screw cover).



Prohibition

No Pulling



No Warping



No Bending Inwards

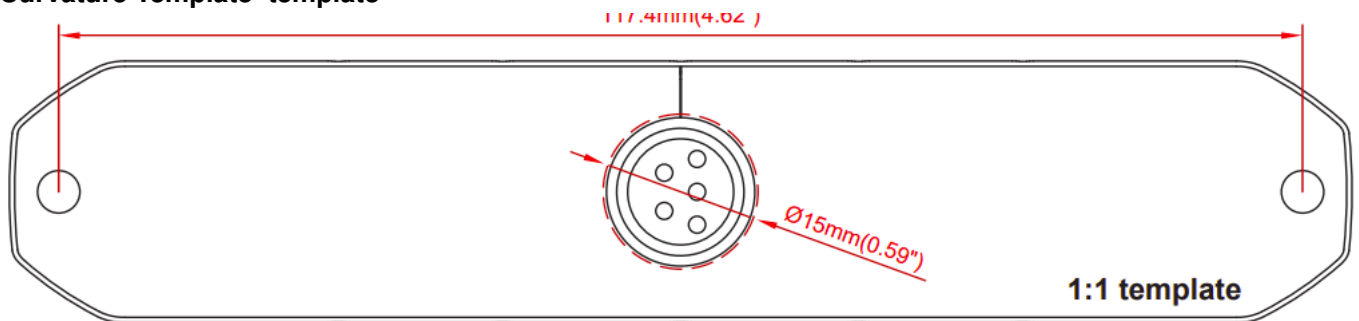


No bending over 120°

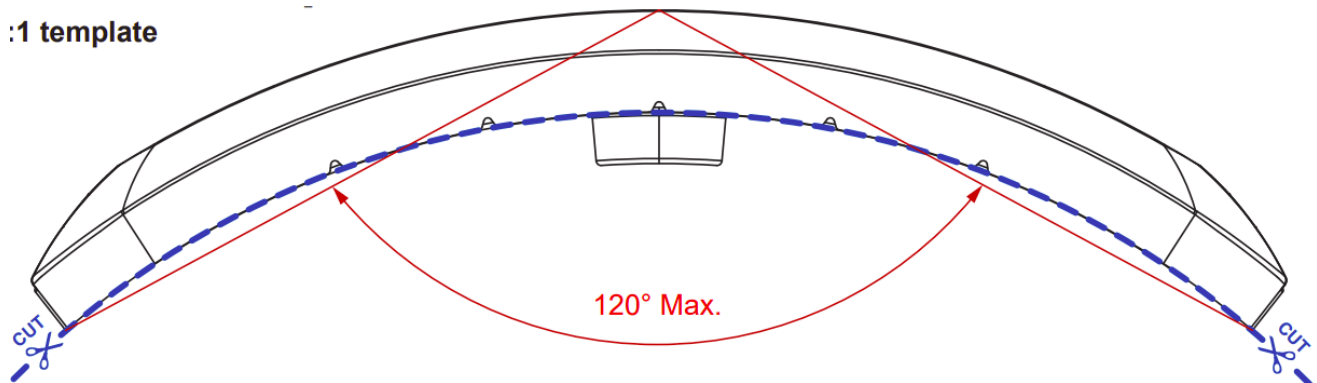


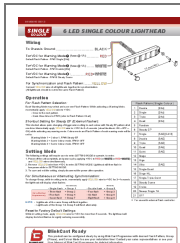
Mounting Dimensions

Curvature Template



1:1 template





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Flexion 6 Led Single Colour Lighthouse, Flexion, 6 Led Single Colour Lighthouse, Single Colour L
ighthouse, Colour Lighthouse, Lighthouse

References

- [User Manual](#)