1603-300758, 1603-300759, 1603-300760

FLEX LM6

FLEXIBLE WARNING LIGHTHEAD
R65 CLASS 2

OPTIBEAM

117,4mm (4,62")
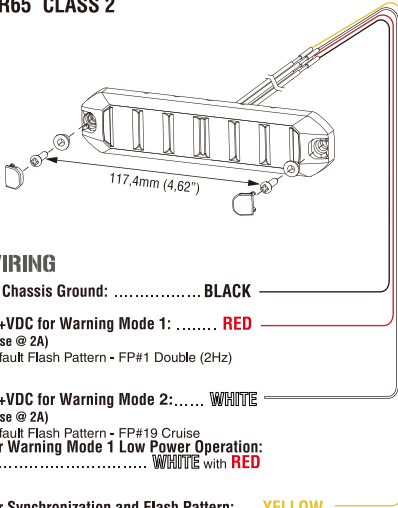
WIRING

To Chassis Ground: ……………… BLACK

To +VDC for Warning Mode 1: …..… RED
(Fuse @ 2A)
Default Flash Pattern - FP#1 Double (2Hz)

To +VDC for Warning Mode 2:…… WHITE
(Fuse @ 2A)
Default Flash Pattern - FP#19 Cruise
For Warning Mode 1 Low Power Operation:
…………………………… WHITE with RED

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 for the next pattern
• Quick three times to Warning Mode together.
(Refer to Flash Pattern Chart.)

Setting Mode
The following settings will require user to enter SETTING MODE to operate:

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 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 <5 seconds). The lighthead will display short flashes:

Simulateously	Alternately
• Single Flash = Group 1	• Double Flash = Group 2

• Lightheads of the same Group will flash together.
• Lightheads of the Group 1 & 2 will flash alternately.
Note: Each Warning Mode may set to its own Group.

Reset to Factory Default Settings:
While in setting mode, apply YELLOW wire to +VDC for more than 5 seconds. The lighthead will display fast short flashes to signify restoring successfully.

FLASH PATTERN

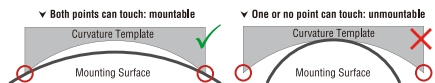| 1	Double	[2Hz]
2	Single	[2Hz]
3	Triple	[2Hz]
4	Quad	[2Hz]
5	Random	
7	Single	[SAE][CA13]
8	Double	[SAE]
9	Triple	[SAE]
10	Quad	[SAE]
11	Quint	[SAE]
12	Mega	
13	Giga	
14	Ultra	[SAE]
15	Single-Quad	
16	Singe H/L	
17	Single-Triple-Quint	
18	Steady Scene	
19	Cruise	
20	Sweep Single TA	

NO PULLING
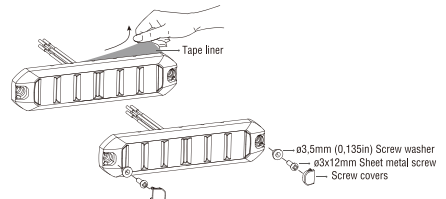
NO BENDING INWARDS

NO WARPING

NO BENDING OVER 120°

DISPOSAL
Dispose the electrical devices in an environmentally responsible manner. Do not dispose of electrical devices with household waste. According to European Directive 2012/19/EU regarding electrical and electronic equipment, used electrical devices should be collected separately and sent for environmentally friendly recycling.
For information on recycling options, contact your local authorities.

IMPORTER: Startax Finland Oy | www.startax.net

INSTALLATION

1. **CURVED SURFACE:** Use curvature template to check surface mountability: make sure surface curvature is over 120 degree.

▽ Both points can touch: mountable
Curvature Template
Mounting Surface

▽ One or no point can touch: unmountable
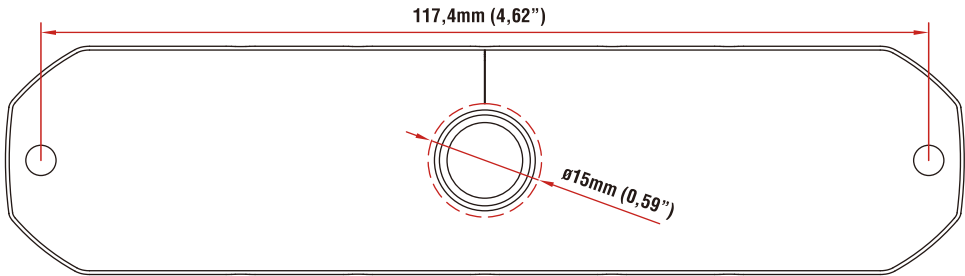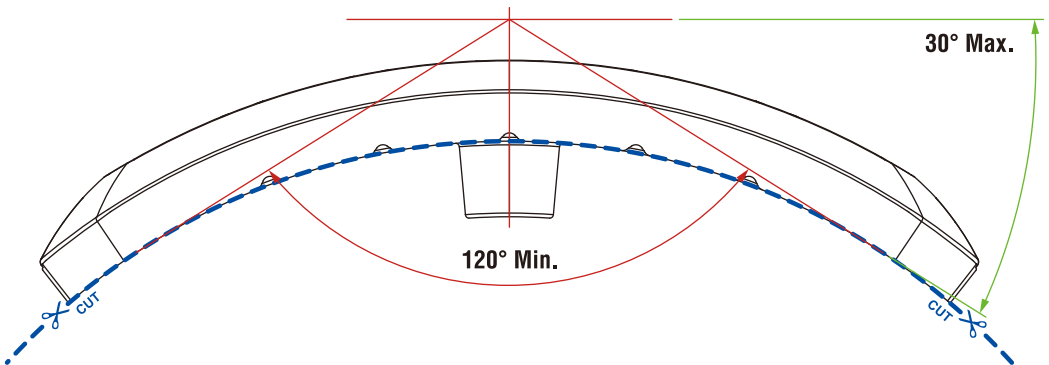Curvature Template
Mounting Surface

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 lighthead 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 lightheads with screws. **CURVED SURFACE:** Due to lighthead tension, it is requires to always mount lightheads with screws in curved surface.
6. Once secured, apply screw covers onto the lighthead for best aesthetic. Use silicon glue to better secure the screw cover.

Tape liner

ø3,5mm (0,135in) Screw washer
ø3x12mm Sheet metal screw
Screw covers

OPTIBEAM

MOUNTING DIMENSIONS

117,4mm (4,62")

ø15mm (0,59")

1:1 TEMPLATE

CURVATURE TEMPLATE

30° Max.

120° Min.

CUT

CUT

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1:1 TEMPLATE