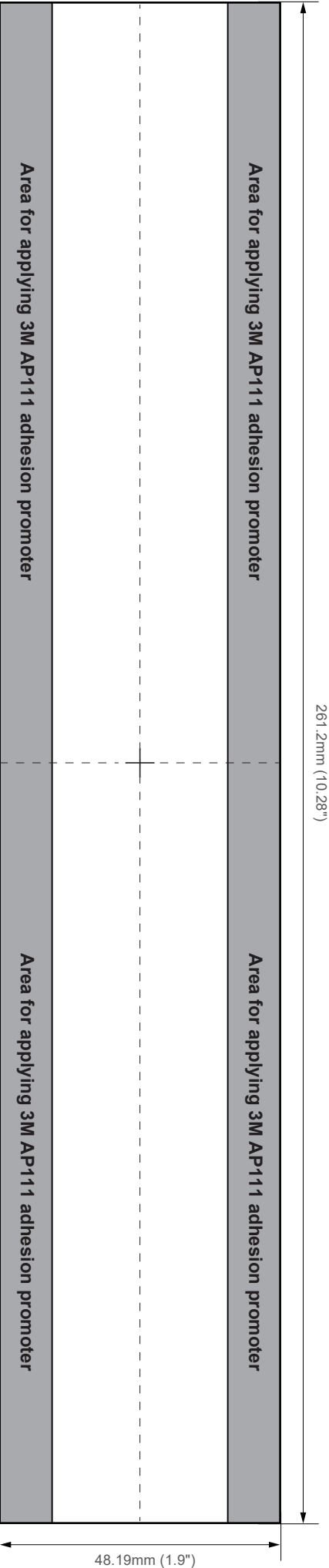
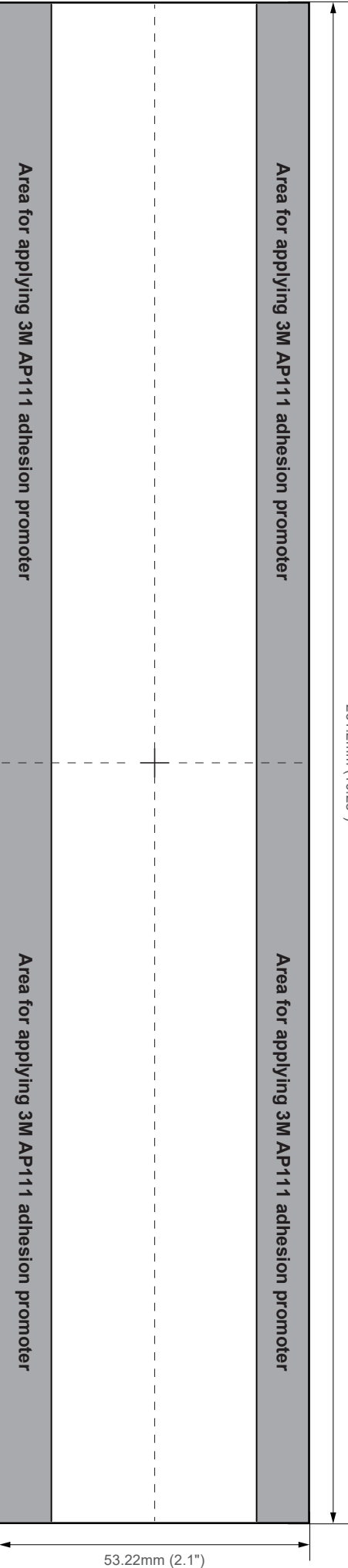


▼ Template for 65° Model



▼ Template for 30° Model



PROHIBITION

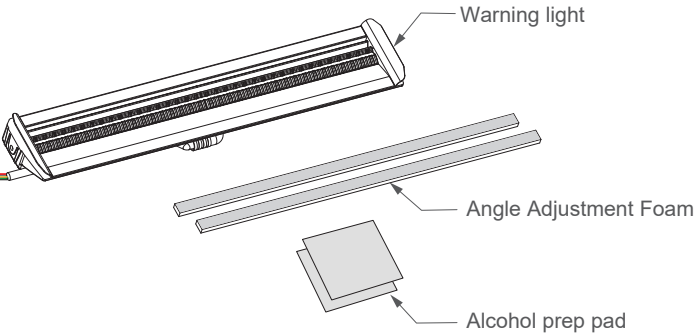


Wiring

To Chassis Ground:..... **BLACK**
To+VCD for Warning Mode❶ (fuse @ 4A):..... **RED**
To+VCD for Warning Mode❷ (fuse @ 4A):..... **WHITE**
To+VCD for Warning Mode❸ (fuse @ 4A):..... **RED+ WHITE**
To+VCD for Warning Mode❹ (fuse @ 4A):..... **GREEN**

Activate each warning mode by applying constant **+VCD** to respective wire(s).
Warning Mode precedence: Mode 4 > Mode 3 > Mode 2 > Mode 1.
Mode 4 may be configured as Low Power (Night) Mode
(See "WARNING MODE 4 SETTING" for **GREEN** Wire)

For Synchronization and Flash Pattern:..... **YELLOW**
For Flash Pattern Sync, connect **YELLOW** wires of all lightheads together.
Ensure all lightheads are set to the same Flash Pattern for proper synchronization.



Default Setting Chart

Color & Pattern	Single Color Model		Dual Color Model		Tri Color Model	
	Default Color	Default Pattern	Default Color	Default Pattern	Default Color	Default Pattern
Mode 1	Color 1	7. Single	Color 1	8. Double	Color 1	8. Double
Mode 2	Color 1	8. Double	Color 2	8. Double	Color 1 & 2 & 3	8. Double
Mode 3	Color 1	8. Double	Color 1 alt 2	8. Double	Color 1 + 2	8. Double
Mode 4	Color 1	18. Steady Scene	Color 2	18. Steady Scene	Color3	18. Steady Scene

Operation Mode

For Flash Pattern Selection:
Each Warning mode may select and save one flash pattern. While activating a warning mode, momentarily apply **YELLOW** wire to **+VCD**:

- Once to the next pattern.
- Quick three times to FP#1.

NOTE: If Flash Pattern Selection is locked, lightheads will display a momentary OFF.

Shortcut Setting for Steady EF (External flasher):
This shortcut allows the user to change three trigger wires to single color and Steady EF pattern at the same time.
Momentarily apply **YELLOW** wires to **+VCD** for 3~6 seconds (Visual feedback ON→OFF→ON) while activating a warning mode. Each warning mode will be set as:

Warning Mode	Pattern	Single Color Model	Dual Color Model	Tri Color Model
1	FP#6 Steady EF	Color 1	Color 1	Color 1
2	FP#6 Steady EF	Color 1	Color 2	Color 2
3	FP#6 Steady EF	Color 1	Color 2	Color 2
4	FP#6 Steady EF	Color 1	Color 2	Color 3

For Flash Pattern Lock:
Flash Pattern selection may be locked to prevent accidental change of flash patterns. While activating a warning mode and after selecting a desired pattern:
Apply **YELLOW** wire to **+VCD** continuously for 8 seconds.
After 2 seconds, the lighthead will flash once per second till a steady-burn to indicate locking.
Remove **YELLOW** wire to resume normal operation. To unlock, repeat the same steps; the lighthead will display fast short flashes to signify unlocking.

Setting Mode

The following settings will require users to enter SETTING MODE for each Warning Mode to operate.
To Enter:

- Power off the unit completely and apply **+VCD** to **YELLOW** wire first.
- Apply **+VCD** to the respective Warning Mode wire (**RED**, **WHITE**, **RED+WHITE**, or **GREEN**) with the **YELLOW** wire simultaneously.
- Remove **YELLOW** wire from **+VCD** to enter Setting Mode. The lighthead will flash in low-power mode.

To Exit: Disconnect power after completing the operation to save and exit.

For Color Mode Setting:
While in Setting Mode, momentarily apply **YELLOW** wire to **+VCD** (<1 sec) to cycle through colors and order.
NOTE: Single and Dual Color models have limited color modes. Refer to the Color Mode table.

For Simultaneous or Alternating Synchronization:
While in Setting Mode, apply **YELLOW** wire to **+VCD** for 1~4 seconds to change the synchronization group:

- Single flash = Group 1 (Simultaneous)
- Double flash = Group 2 (Alternating)

NOTE: Lightheads in the same group flash together; Group 1 and Group 2 alternate.

Reset to Factory Default Settings:
Apply **+VCD** for >5 seconds. The lighthead will display rapid short flashes to confirm successful reset.

Warning Mode 4 / Low Power Setting

By default, the **GREEN** wire operates as **Warning Mode 4**. However, it can be reconfigured to serve as a **Low Power Mode** activation wire. **To Configure:**

- Power off the unit completely and apply **+VCD** to the **YELLOW** wire first.
- Then apply **+VCD** to the **RED**, **GREEN**, and **YELLOW** wires simultaneously (with **YELLOW** already powered).
- Remove the **YELLOW** wire from **+VCD** to enter **Warning Mode 4 Setting Mode**.
 - Single Flash → **GREEN** wire set as **Warning Mode 4** (Default)
 - Steady Burn → **GREEN** wire set as **Low Power Operation**
- Disconnect power to **save and exit** the setting.

Color Order	
1	1
2	2
3	3
4	1 → 2
5	2 → 1
6	2 → 3
7	3 → 2
8	1 → 3
9	3 → 1
10	1 → 2 → 3
11	1 → 3 → 2
12	2 → 1 → 3
13	2 → 3 → 1
14	3 → 1 → 2
15	3 → 2 → 1

Single flash
Low Power Steady

Flash Pattern		
1	Double	[R65]
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	Single-Single	
22	Double-Double	
23	Triple-Triple Mid	
24	Triple-Triple Fast	
25	Quint-Triple	
26	7-1 Flash	
27	Quad-Single	
28	Quint-Quint	

FP# 21~28 will always operate in dual color.
* For use with external flasher.

Installation

This Flexible Visor/Dash Warning Light is available in two variants: 1. Low Gradient rubber shroud & 2. High Gradient rubber shroud. Each variant is optimized for different windshield angles. Refer to the chart for the correct set-up.

#	Variants	Optimized Angle	Commonly used for
1.	Low Gradient (30°) rubber shroud	17.5°~42.5°	Front Windshield
2.	High Gradient (65°) rubber shroud	52.5°~77.5°	Rear Windshield

► Step 1: Measure the Windshield Angle

- Attention:** Correct angle compensation ensures optimal beam projection. Incorrect compensation will reduce light output performance.
- 1-1. Select the installation area and make sure the location on the windshield that: (a) is clear of airbag deployment zones, (b) does not obstruct the driver's field of vision.
 - 1-2. Place an angle gauge (inclinometer) flat against the interior glass surface at the intended mounting location to measured angle.
 - 1-3. Place the provided template on the outside of the glass in that exact spot. This step helps streamline the surface preparation and final mounting of the unit.
 - 1-4. Using the tables below, determine the correct number and placement of angle adjustment foam pieces.

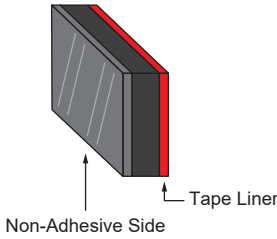
Windshield Angles	17.5°~22.5°	22.5°~27.5°	27.5°~32.5°	32.5°~37.5°	37.5°~42.5°
Low Gradient (30) Rubber Shroud	2pc at bottom	1pc at bottom	Not Needed	1pc at top	2pc at top
Figure					
Windshield Angles	52.5°~57.5°	57.5°~62.5°	62.5°~67.5°	67.5°~72.5°	72.5°~77.5°
High Gradient (65) Rubber Shroud	2pc at bottom	1pc at bottom	Not Needed	1pc at top	2pc at top
Figure					

HORIZONTAL ALIGNMENT – IMPORTANT Install FXV with bottom face level to ground (0° horizontal) for correct beam projection. Verify with a spirit level before Step 4.

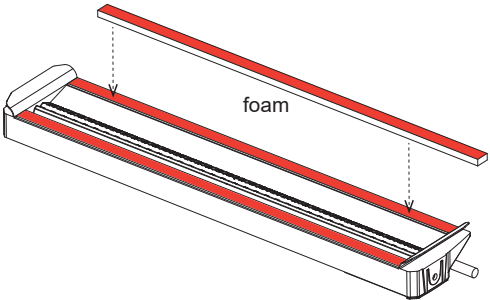
► Step 2: Attach Angle Adjustment Foam if needed

- 2-1. Clean non-adhesive side of angle adjustment foam with provided IPA pad in one direction; dry 60 sec. For grease/oil contamination, degrease before IPA wipe.
- 2-2. **(Must Use) Apply 3M AP111 adhesion promoter** (user supplied) as a thin, even coat over non-adhesive side of angle adjustment foam. Allow to dry for 60 seconds until no longer tacky.
- 2-3. Remove the tape liner from the main unit top or bottom only (Do NOT yet remove the tape liner from angle adjustment foam pieces).
- 2-4. Attach foam (non-adhesive side) to top or bottom edge of main unit; press firmly and evenly for 15 sec. Verify foam fully seated with no lifted corners before proceeding.

Adjustment Foam



[2-1] [2-2] [2-3]



[2-4] Attach (the non-adhesive side of) the angle adjustment foam(s) to the top or bottom of the unit.

► Step 3: Prepare the Mounting Surface

- 3-1. Clean the surface of windshield with provided IPA pad in one direction; dry 60 sec. For grease/oil contamination, degrease before IPA wipe.
- 3-2. **(Must Use) Apply 3M AP111 adhesion promoter** (Installer supplied) as a thin, even coat over the cleaned glass area. Allow to dry for 60 seconds until no longer tacky.

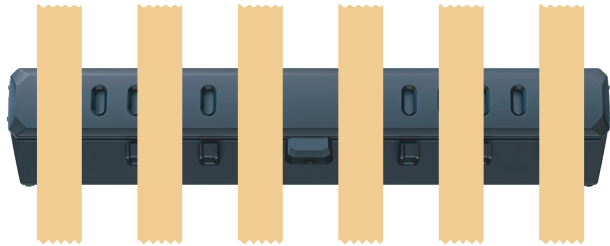


WINDOW TINT FILM — INSTALLATION RISK WARNING

Tint film mounting risks detachment — bond strength cannot be verified and may be insufficient for the unit's weight and vibration load. Aged or heat-exposed film may have degraded adhesive, creating a secondary failure point beneath the mounting tape. Install on bare glass whenever possible. If tint film is unavoidable, installer assumes full responsibility before placing vehicle in service.

► Step 4: Mount the Light

- 4-1. Remove the adhesive tape liner from the light unit.
- 4-2. Align unit level (confirm horizontal with spirit level) before applying pressure.
- 4-3. Once aligned, press the unit firmly and evenly against the windshield for a FULL 60 SECONDS with consistent pressure. Do not slide or shift the unit during this period.
- 4-4. Secure the unit further with masking tape during cure.
* Please follow the steps below and make sure to attach tape to both extreme ends of the unit.
- 4-5. Proper cure time is critical for long-term adhesion reliability. The minimum cure time is 72 hours. Keep the vehicle indoors at room temperature.



[4-4. Step 1: Apply tapes vertically]



[4-4. Step 2: Apply tapes horizontally for covering all the vertical tapes]

► Step 5: Cable Routing & Management

- 5-1. Manage and route the cable to the left or right side using the wire hook on main unit and ensure the cable-exit orient downward during the installation.



CABLE ROUTING SAFETY

Route wires only through locations not subject to wear, pinching, or movement. NEVER route wires in the airbag (SRS) deployment area. Refer to the vehicle owner's manual.



Ensure the cable-exit orient downward during installation.

Programador (SP007)

Listo para el programador

Este producto se puede configurar idealmente mediante el uso del programador con el patrón de destello deseado, grupo (Fase) y el modo de color para ahorrar tiempo de instalación.