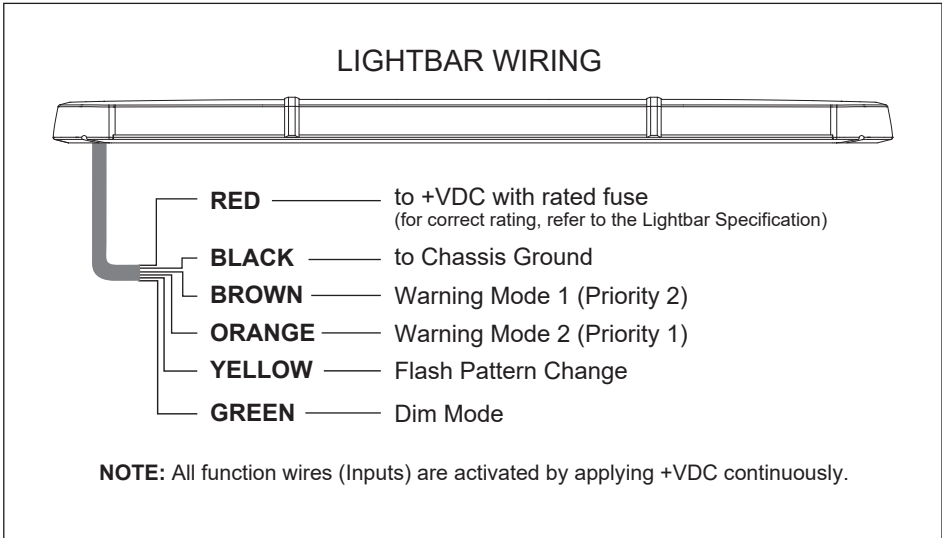


WIRING & FUNCTIONS (E1)

Proper installation of the product requires the installer to have a good understanding of automotive electronics, systems and procedures. Different applications may require different functions. For best workflow, it is highly recommended to determine and configure the required functions prior to Installation.



WIRING:

1. Route power cable's red wire to a fused Install a fuse (user-supplied) on the end of power cable's **RED** wire and route that wire to vehicle battery. Connect the **BLACK** wire to the vehicle chassis ground.

NOTE: Follow factory wiring harness through the firewall. It may be necessary to drill a hole in the firewall. Ensure that there is no component that could be damaged from the drilling.

2. Route control wires towards the dash area to a switch panel (user-supplied). Connect the required wires to the switch panel.

NOTE: Make sure that all wires of power cable are securely connected to power source.

WARNING

- DO NOT USE THE POWER WIRE(S) AS THE LIGHTBAR ACTIVATION SWITCH. USE ONLY THE FUNCTION WIRE(S) TO SWITCH AND ACTIVATE.
- FAULTY CONNECTIONS MAY CAUSE THE LIGHTBAR TO MALFUNCTION AND / OR RESET TO ITS DEFAULT SETTINGS.
- DO NOT USE A HIGH PRESSURE POWER WASHER TO CLEAN YOUR LIGHTBAR; THIS MAY DAMAGE YOUR LIGHTBAR AND VOID ITS WARRANTY.

FUNCTIONS:

WARNING MODE

Activate Warning Mode by applying **+VDC** to **BROWN** wire for warning mode 1, **ORANGE** wire for warning mode 2.

To change flash pattern, tap **+VDC** to **YELLOW** wire while in a warning mode,

- Quick once to the next pattern.
- Quick 3 times to reset to default flash pattern.

NOTE:

1. Order of precedence: Warning Mode 2 > Warning Mode 1
2. Default flash pattern. Warning Mode 1: FP#14; Warning Mode 2: FP#1

FLASH PATTERN					
1	Double [2Hz]	All	19	Side-by-Side Ultra	NA
2	Quad [2Hz]	All	20	Rotator1(fast)	NA
3	Single [2Hz]	All	21	Rotator2(slow)	NA
4	Double (Corners) [2Hz]	All	22	Double [2Hz]	Split
5	Quad (Corners) [2Hz]	All	23	Quad [2Hz]	Split
6	Single (Corners) [2Hz]	All	24	Single [2Hz]	Split
7	Random	All	25	Double (Corners) [2Hz]	Split
8	Single	All	26	Quad (Corners) [2Hz]	Split
9	Double	All	27	Single (Corners) [2Hz]	Split
10	Quad	All	28	Random	Split
11	Quint	All	29	Single	Split
12	Mega	All	30	Double	Split
13	Ultra	All	31	Quad	Split
14	Cruise (Corners)	All	32	Quint	Split
15	Cruise	All	33	Mega	Split
16	Single-Quad	All	34	Ultra	Split
17	Single H/L	All	35	Single-Quad	Split
18	Side-by-Side Single	NA	36	Single H/L	Split

Note: Actual approval is based on the model ordered.

DIM MODE

Apply **GREEN** wire to **+VDC** while a warning mode is activated for Low Power function.

NOTE: Dim mode is not applicable for flash pattern #14 & #15.