



MALLORY SONALERT PRODUCTS, INC.



Product APPLICATION Guide

Panel Lights

Part Number Structure FL1M – 6CJ-1 – B 2V

Series _____

FL1M or **FL1P**

Housing Style _____

See Data Sheet or Website for Available Styles

Color: _____

B = Blue; **G** = Green; **R** = Red; **W** = White; **Y** = Yellow/Amber

Rated Voltage _____

2V = 2 Volts; **3V** = 3 Volts; **6V** = 6 Volts; **12V** = 12 Volts; **24V** = 24 Volts
48V = 48 Volts; **110V** = 110 Volts; **220V** = 220 Volts; **380V** = 380 Volts

Notes:

- Blue, Green, & White models are not available in 2V ratings.
- FL1M-6CJ-1 models are only available 48 Volts and less.
- FL1M-6CJ-1, FL1M-6CW-2, & FL1M-8CW-4 models are rated DC Only. All other models are rated AC/DC.

UL and CUL Approved Models:

- FL1M-8FJ-2 Models- all colors and voltages
- FL1M-10QW-1 Models- all colors and voltages
- FL1M-8FW-1 Models- all colors and 110V and 220V voltages

Panel Light Characteristics

Housing Style	Panel Hole Dia (mm)	Snap-in or Thread & Nut	Front Shape	Termination	Volt Type	IP Rating	UL & CUL
FL1M-6CJ-1	6 mm	Threads & Nut	Convex	Wires	DC	IP-65	No
FL1M-6CW-2	6 mm	Threads & Nut	Convex	Wires	DC	IP-50	No
FL1M-6FW-1	6 mm	Threads & Nut	Flat	Wires	AC/DC	IP-65	No
FL1M-6SW-1	6 mm	Threads & Nut	Rounded	Wires	AC/DC	IP-65	No
FL1P-6QW-1	6 mm	Snap-in	Flat	Wires	AC/DC	IP-50	No
FL1P-6QW-2	6 mm	Snap-in	Rounded	Wires	AC/DC	IP-50	No
FL1M-8CJ-2	8 mm	Threads & Nut	Convex	Quick Connect	AC/DC	IP-65	No
FL1M-8CJ-3	8 mm	Threads & Nut	Convex	PC Pins	AC/DC	IP-65	No
FL1M-8CW-4	8 mm	Threads & Nut	Convex	Wires	DC	IP-65	No
FL1M-8FJ-2	8 mm	Threads & Nut	Flat	PC Pins	AC/DC	IP-65	Yes
FL1M-8FW-1	8 mm	Threads & Nut	Flat	Wires	AC/DC	IP-65	110V 220V
FL1M-8SJ-2	8 mm	Threads & Nut	Rounded	Quick Connect	AC/DC	IP-65	No
FL1M-8SJ-3	8 mm	Threads & Nut	Rounded	PC Pins	AC/DC	IP-65	No
FL1M-8SW-1	8 mm	Threads & Nut	Rounded	Wires	AC/DC	IP-65	No
FL1P-8NJ-1	8 mm	Threads & Nut	Rounded	Quick Connect	AC/DC	IP-65	No
FL1P-8NW-1	8 mm	Threads & Nut	Rounded	Wires	AC/DC	IP-50	No
FL1P-8QJ-2	8 mm	Snap-in	Rounded	Quick Connect	AC/DC	IP-50	No
FL1P-8QW-1	8 mm	Snap-in	Flat	Wires	AC/DC	IP-50	No
FL1P-8QW-2	8 mm	Snap-in	Rounded	Wires	AC/DC	IP-50	No
FL1P-10NJ-4	10 mm	Threads & Nut	Flat	Quick Connect	AC/DC	IP-50	No
FL1P-10NW-1	10 mm	Threads & Nut	Flat	Wires	AC/DC	IP-50	No
FL1P-10NW-4	10 mm	Threads & Nut	Flat	Wires	AC/DC	IP-50	No
FL1P-10QJ-1	10 mm	Snap-in	Rounded	Quick Connect	AC/DC	IP-50	No
FL1P-10QW-1	10 mm	Snap-in	Rounded	Wires	AC/DC	IP-50	Yes
FL1M-12CA-1	12 mm	Threads & Nut	Flat	Screws	AC/DC	IP-65	No
FL1M-12CJ-1	12 mm	Threads & Nut	Convex	Quick Connect	AC/DC	IP-65	No
FL1M-12CW-1	12 mm	Threads & Nut	Convex	Wires	AC/DC	IP-65	No
FL1M-12FW-1	12 mm	Threads & Nut	Flat	Wires	AC/DC	IP-65	No
FL1M-12SJ-1	12 mm	Threads & Nut	Rounded	Quick Connect	AC/DC	IP-65	No
FL1M-12SW-1	12 mm	Threads & Nut	Rounded	Wires	AC/DC	IP-65	No
FL1P-12QJ-1	12 mm	Snap-in	Rounded	Quick Connect	AC/DC	IP-50	No
FL1P-12NJ-1	12 mm	Threads & Nut	Jut Out	Solder Lug	AC/DC	IP-50	No
FL1P-12QW-1	12 mm	Snap-in	Rounded	Wires	AC/DC	IP-50	No
FL1P-12QW-2	12.5 mm	Snap-in	Flat	Wires	AC/DC	IP-50	No
FL1P-16NJ-1	16 mm	Threads & Nut	Jut Out	Solder Lug	AC/DC	IP-50	No
FL1P-22NA-1	22 mm	Threads & Nut	Jut Out	Screws	AC/DC	IP-50	No

Gasket, Nut, & Washer Replacement List

Housing Style	Panel Hole Dia (mm)	Nut	Gasket	Washer
FL1M-6CJ-1	6 mm	LM6	FSQ6	N/A
FL1M-6CW-2	6 mm	LM6-2	N/A	N/A
FL1M-6FW-1	6 mm	LM6	FSQ6	MHDP6
FL1M-6SW-1	6 mm	LM6	FSQ6	MHDP6
FL1P-6QW-1	6 mm	N/A	N/A	N/A
FL1P-6QW-2	6 mm	N/A	N/A	N/A
FL1M-8CJ-2	8 mm	LM8	FSQ8	MHDP8
FL1M-8CJ-3	8 mm	LM8	FSQ8	MHDP8
FL1M-8CW-4	8 mm	LM8	FSQ8	MHDP8
FL1M-8FJ-2	8 mm	LM8	FSQ8	MHDP8
FL1M-8FW-1	8 mm	LM8	FSQ8	MHDP8
FL1M-8SJ-2	8 mm	LM8	FSQ8	MHDP8
FL1M-8SJ-3	8 mm	LM8	FSQ8	MHDP8
FL1M-8SW-1	8 mm	LM8	FSQ8	MHDP8
FL1P-8NJ-1	8 mm	LM8	FSQ8	FSQ8-1
FL1P-8NW-1	8 mm	LM8	FSQ8	FSQ8-1
FL1P-8QJ-2	8 mm	N/A	N/A	N/A
FL1P-8QW-1	8 mm	N/A	N/A	N/A
FL1P-8QW-2	8 mm	N/A	N/A	N/A
FL1P-10NJ-4	10 mm	LM10	N/A	N/A
FL1P-10NW-1	10 mm	LM10-1	N/A	N/A
FL1P-10NW-4	10 mm	LM10	N/A	N/A
FL1P-10QJ-1	10 mm	N/A	N/A	N/A
FL1P-10QW-1	10 mm	N/A	N/A	N/A
FL1M-12CA-1	12 mm	LM12	FSQ12	N/A
FL1M-12CJ-1	12 mm	LM12	FSQ12	MHDP12
FL1M-12CW-1	12 mm	LM12	FSQ12	MHDP12
FL1M-12FW-1	12 mm	LM12	FSQ12	MHDP12
FL1M-12SJ-1	12 mm	LM12	FSQ12	MHDP12
FL1M-12SW-1	12 mm	LM12	FSQ12	MHDP12
FL1P-12QJ-1	12 mm	N/A	N/A	N/A
FL1P-12NJ-1	12 mm	SLLM12	N/A	N/A
FL1P-12QW-1	12 mm	N/A	N/A	N/A
FL1P-12QW-2	12.5 mm	N/A	N/A	N/A
FL1P-16NJ-1	16 mm	SLLM16	SLQ16	N/A
FL1P-22NA-1	22 mm	SLLM22	SLQ22	N/A