Literature
APPLICATION
Guide

Panel Lights

KEY FEATURES:

- State-of-the-Art Brilliant LED's
- 6mm to 22mm Sizes Available
- 2 Volts up to 380 Volts
- Red, Green, Yellow, Blue, or White Color Options

- Snap-in or Nut Mounting Options
- Various Termination Options: Wires, PC Pins, Quick Connect, or Solder Lugs
- Various Body Styles (IP-50 to IP-65)
- CUL Approved Models Available

SPECIFICATIONS:

Panel Hole Sizes: 6mm, 8mm, 10mm, 12mm 16mm, or 22mm

Lens Color: Same as LED Color

LED Colors: Red, Green, Yellow, Blue White

Rated Voltage: 2V, 3V, 6V, 12V, 24V, 36V, 48V, 110V, 220V, or 380V

LED Current: 15 - 20 mA Max (see data sheet)

Mounting Options: Snap-in or Threads & Nut (see data sheet)

Termination: Wires, PC Pins, Solder Lugs, or Flat Blades (see data sheet)

IP Ratings: IP-50 to IP65 (see data sheet)

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-65	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

Call 317-612-1000 or Visit www.mallory-sonalert.com for More Details

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