MALLORY Mallory Sonalert Products, Inc.

Part #:	**FL1M-8CW-4** **8mm Panel Light**

Sales Outline Drawing

Revision:	**B**

Specifications:

Panel Hole	8 mm
Voltage Type	DC
LED Color Available	Red, Green, Blue, Yellow, or White
Lens Color	Same as LED
Rated Voltage Available	See table below
Max Current Draw	20 mA
Storage & Operating Temperature	-20 °C to +85 °C
Ingress Protection Rating	IP65
LED Life	50,000 hours
Weight (Typical)	7.2 g
Housing Material	Nickel-plated Brass, PA66, and Polycarbonate
Termination Type	Wires
Wire Specification	7.3" (185 mm) PTFE AWG22
Max Nut Torque	13 ft-lbs (18 Nm)
Panel Thickness	0.04-0.35" (1-9mm)
Hardware Kit	LM8-FSQ8-MHDP8

RoHS Compliant

Dimensions (mm):

ø9.8
5
11.3
3
12
20.2
10
M8x0.75
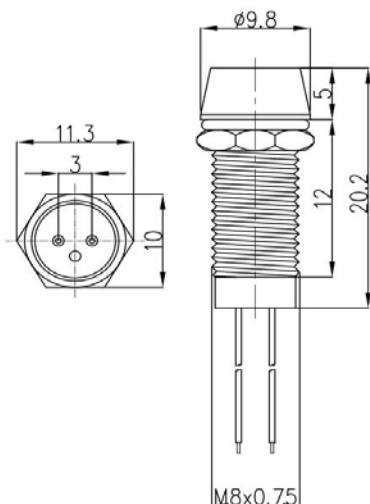
Part Number:

FL1M-8CW-4-X#V

B=Blue
G=Green
R=Red
Y=Yellow
W=White

Rated Voltage

Lead color: Black and Red

Length for reference only.

	Light Intensity	Dominant Wavelength	Viewing Angle
Red	1000 -1500 mcd	622 nm	35°
Green	8000 -10000 mcd	522 nm	60°
Yellow	1000 -1500 mcd	590 nm	35°
Blue	2000 - 3000 mcd	464 nm	35°

Rated Voltage	2 VDC	3 VDC	6 VDC	12 VDC	24 VDC	48 VDC	110 VDC	220 VDC	380 VDC
Red	1.8-2.2V	2.7-3.3V	5.4-6.6V	10.8-13.2V	21.6-26.4V	43.2-52.8V	99-121V	198-242V	342-418V
Green	N/A	3-3.2V	5.4-6.6V	10.8-13.2V	21.6-26.4V	43.2-52.8V	99-121V	198-242V	342-418V
Blue	N/A	3.12-3.2V	5.4-6.6V	10.8-13.2V	21.6-26.4V	43.2-52.8V	99-121V	198-242V	342-418V
Yellow	2-2.2V	2.7-3.3V	5.4-6.6V	10.8-13.2V	21.6-26.4V	43.2-52.8V	99-121V	198-242V	342-418V
White	N/A	3-3.2V	5.4-6.6V	10.8-13.2V	21.6-26.4V	43.2-52.8V	99-121V	198-242V	342-418V

Mouser Electronics

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