



Mallory Sonalert Products, Inc.

Part #:

**FL1A-12FW-1
12mm Panel Light**

Sales Outline Drawing

Revision:

A

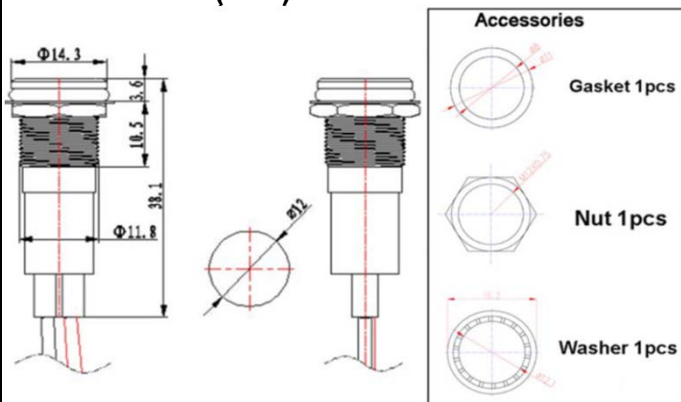
Specifications:

May not be suitable for all Medical and Aerospace applications.
Contact Mallory Sonalert to discuss your application.

Panel Hole	12 mm
Voltage Type	DC or AC (see table below)
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	60,000 hours
Weight (Typical)	13g
Housing Material	Black Zinc Aluminum Alloy, PA66, and Polycarbonate
Termination Type	Wires
Wire Specification	7.3" (185 mm) PVC AWG18
Max Nut Torque	32 ft-lbs (44 Nm)
Panel Thickness	0.04-0.26" (1-6.5 mm)
Hardware Kit	LM12-FSQ12-MHDP12

RoHS Compliant

Dimensions (mm):



Lead color may vary

Part Number:

FL1A-12FW-1-X#V

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

Rated Voltage

Length for reference only.

	Light Intensity	Dominant Wavelength	Viewing Angle
Red	1000 -1500 mcd	622 nm	180°
Green	8000 -10000 mcd	522 nm	180°
Yellow	1000 -1500 mcd	590 nm	180°
Blue	2000 - 3000 mcd	464 nm	180°

Rated Voltage	2 VAC/DC	3 VAC/DC	6 VAC/DC	12 VAC/DC	24 VAC/DC	48 VAC/DC	110 VAC/DC	220 VAC/DC	380 VAC/DC
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