



Mallory Sonalert Products, Inc.

Part #: **FL1A-8FW-1-D**
8mm Panel Light

Sales Outline Drawing

Revision: **A**

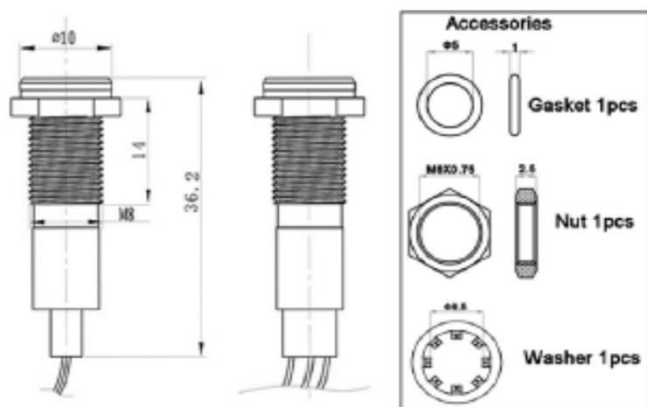
May not be suitable for all Medical and Aerospace applications.
Contact Mallory Sonalert to discuss your application.

Specifications:

Panel Hole	8 mm
Voltage Type	DC or AC (see table below)
LED Color Available	Red/Yellow, Red/Green, Red/Blue or Blue/Green
LED Type	Double color, common-cathode
LENS Color	White
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)	7.8 g
Housing Material	Black Zinc Aluminum Alloy, PA66, and Polycarbonate
Termination Type	3 Wires, Black and matching LED colors
Wire Specification	7.3" (185 mm) PVC AWG24
Max Nut Torque	13.3 ft-lbs (18 Nm)
Panel Thickness	0.04-0.32" (1-8mm)
Hardware Kit	LM8, FSQ8, MHDP8

RoHS Compliant

Dimensions (mm):



Length for reference only.

Part Number:

FL1A-8FW-1-D-EX#V

RY=Red-Yellow

RG=Red-Green

RB=Red-Blue

BG=Blue-Green

Rated Voltage

	Light Intensity	Dominant Wavelength (nm)				Viewing Angle
		Red/Yellow	Red/Green	Red/Blue	Blue/Green	
Red	100 -10000 mcd	620-630	600-610	365-420		10-120°
Green	200 -10000 mcd		510-535		510-535	10-120°
Yellow	100 -10000 mcd	585-595				10-120°
Blue	100 - 8000 mcd			460-470	460-470	10-120°

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	1.8-2.4V	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	2.6-3.2V	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	2.6-3.2V	5.4-6.6V	10.8-13.2V	21.6-26.4V	43.2-52.8V	99-121V	198-242V	342-418V
Yellow	1.8-2.4V	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