

**Sales Outline Drawing**

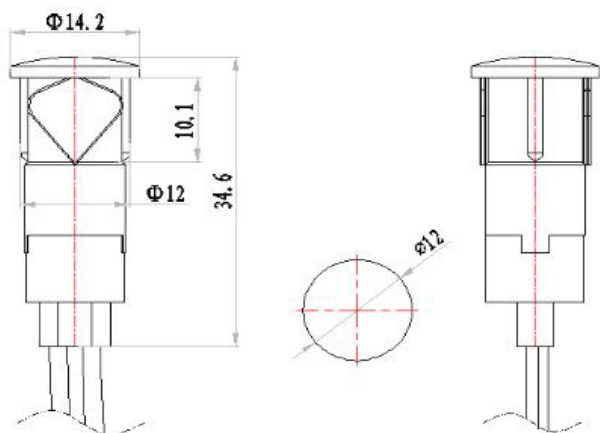
May not be suitable for all Medical and Aerospace applications.  
Contact Mallory Sonalert to discuss your application.

**Specifications:**

Panel Hole	12 mm
Voltage Type	AC/DC
LED Color Available	Red, Green, Yellow, or White
Lens Color	Same as LED
Rated Voltage Available	See table below
Max Current Draw	20 mA
Storage & Operating Temperature	-15 °C to +80 °C
Ingress Protection Rating	IP50
LED Life	70,000 hours
Weight (Typical)	4 g
Housing Material	PA66
Termination Type	Wires
Terminal Dimension	7.3" (185mm) PVC AWG22
Panel Thickness	up to 0.39" (9.8mm)

**RoHS Compliant**

**Dimensions (mm):**



**Part Number:**

**FL1P-12QW-1-X#V**

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

Rated Voltage

Lead color may vary

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°

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
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