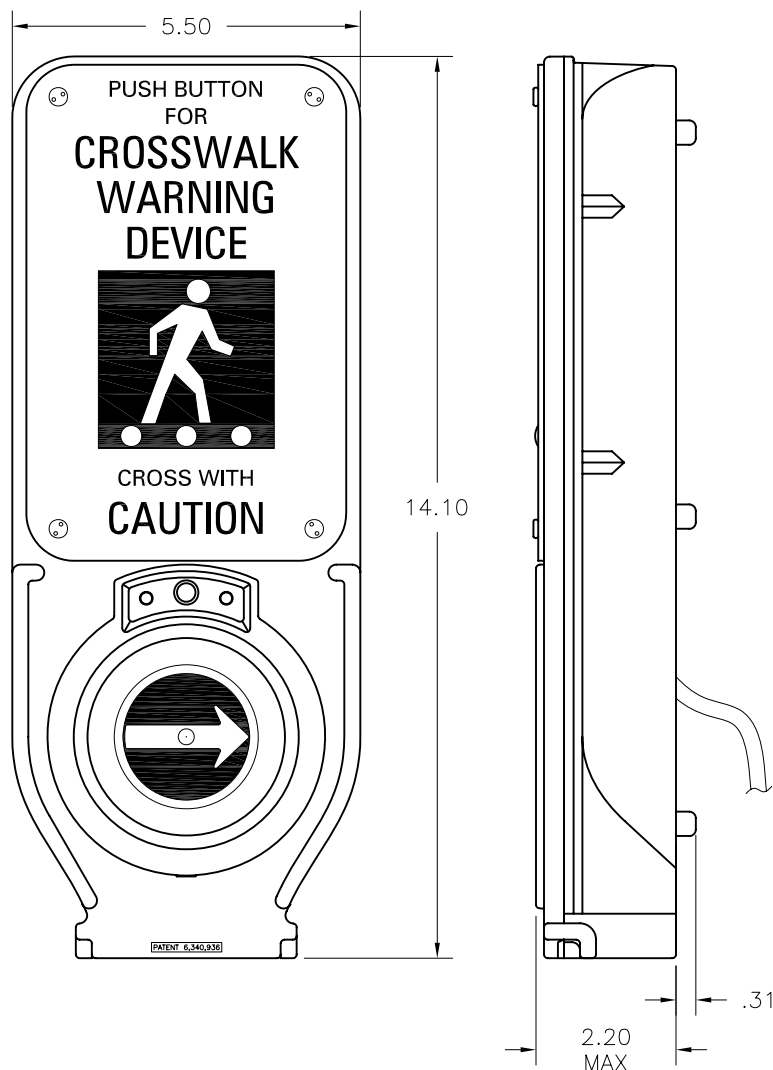


## Model X2-LED Push Button Station



The X2-LED push button station is designed for use at a pedestrian crosswalk with in-pavement or overhead flashing yellow lights. The X2-LED provides an instructional sign, a push button station with directional arrow for activating the flashing lights and a group of three yellow LEDs which typically flash in sync with the street lighting. The X2-LED uses the same rugged and reliable push button station and housing as Polara's Navigator. This model does not provide any audible sounds/messages.

The X2-LED is supplied with a 10 foot, 5 conductor pigtail cable (not rated for burial) ready for connection to the user supplied lighting controller that must supply power to the button and LEDs in the sign.

The unit is supplied with mounting hardware, silicone filled wire splices, and installation instructions.

## Model X2-LED Push Button Station

### Function

Push button station for crosswalks with flashing yellow lights.

### Electrical Properties

<b>Push Button</b>	
Wire connections	Brown/White & Orange/White, No polarity
Operating voltage	10-36VDC, 7-28VAC
Maximum Switch Current	0.5A
Switch Leakage Current	10µA typical
<b>LED</b>	
Wire Connections	Red/White: LED+ Black/White: LED- Yellow/White: LED Control
Operating Voltage	8-36 VDC
LED Current	22mA typical
LED Control Current	0.3mA max.

The LEDs may be operated in two wire mode or three wire mode:

Two wire mode: LED Control is not used. Apply voltage to LED+ and LED- to operate LEDs. The voltage should turn on and off to provide flashing.

Three wire mode: Apply a constant voltage to LED+ and LED-. Connect LED Control to LED- to turn LEDs off. Open circuit LED Control to turn LEDs on.

### Features

- Instructional sign with tamper resistant mounting screws.
- Provides yellow LEDs that flash in sync with street lighting.
- ADA compliant push button with directional arrow - field adjustable direction: left, right, up or down.

### Mechanical Properties

<b>Physical</b>	
Enclosure Type	Cast aluminum housing with yellow powder coat finish, watertight o-ring seals
Installation	2 holes on 6.0" centers, tapped ¼-20 plus ½" or larger hole for wire access
<b>Dimensions</b>	
Width	5.50"
Length	14.10"
Maximum Height	2.60"
<b>Environmental</b>	
Operating/Storage Temp.	-34°C to +60°