














Applications

This pedestrian-activated or remote-activated crosswalk beacon is the perfect solution for temporary or permanent locations:

-  **Crosswalks** Great for any mid-block or uncontrolled crosswalk.
-  **Fire Stations** Give your emergency vehicles a chance to enter the roadway by alerting drivers.
-  **Parking Lots** From shopping malls to private industrial sites, they're all a hazard for pedestrians.
-  **Construction Sites** Aid pedestrians in crossing away from construction sites and closed sidewalks.
-  **College Campuses** Busy and packed with pedestrians.

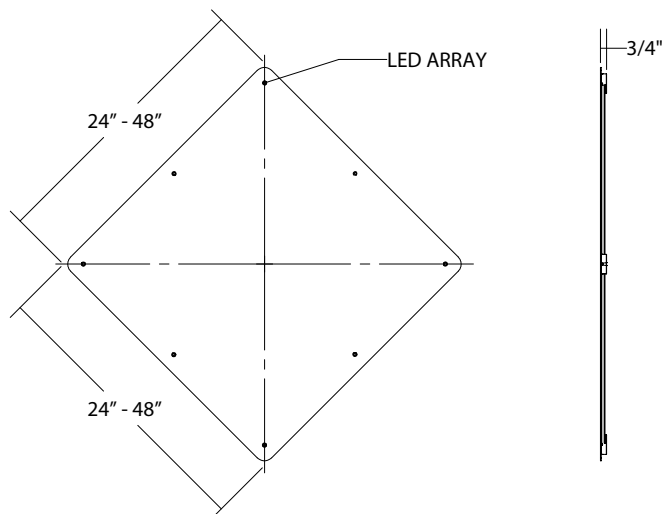
Benefits

-  **High Quality** Designed and manufactured in North America.
-  **Clean Technology** Solar-powered and wireless to save on power bills and end roadway trenching.
-  **Flexible** Adjustable flash pattern and activation duration to accommodate varying traffic conditions.
-  **Reliable** Energy management system to ensure operation under all environmental conditions.
-  **Simple** Installs in minutes to minimize traffic disruption and allow for relocation and re-purposing.
-  **Elegant** Self-contained, cabinet-free, discrete design to enhance streetscapes and inhibit vandalism.

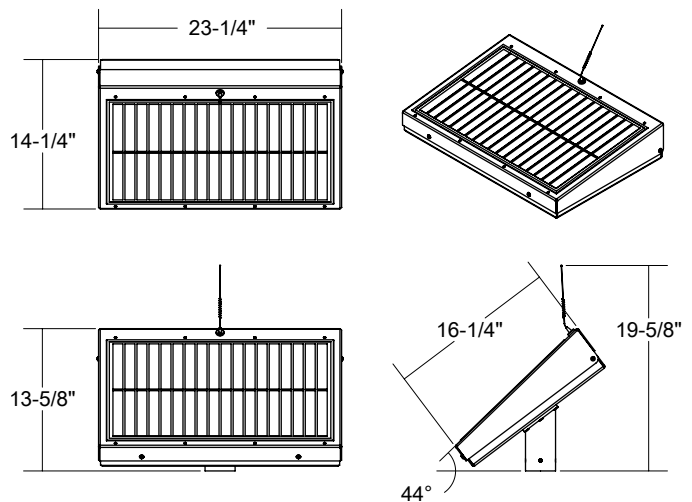
AB-5801-J: Solar Powered Pedestrian-Activated Crosswalk Sign

Sign: 24", 30", 36" or 48"

Solar Engine



Dimensions are in Inches $\pm 1/16"$



Dimensions are in Inches $\pm 1/16"$

Specifications

System Overview

Certification	CSA and UL certified electrical components
Compliance	FHWA MUTCD compliant
Operation	Pedestrian push button or remote controlled
Flash patterns	MUTCD (0.5 second on, 0.5 second off) or JSF Tech High Visibility Strobe Pattern
Activation duration	Variable from 5 seconds to 60 minutes
Operating temperature	-40°F to +165°F (-40°C to +74°C)
Controller input voltage	12 V DC
Controller output voltage	12 V DC
Solar panel	20 W nominal, 12 V, CSA certified
Battery storage	AGM 12 V, 20 Ah, UL certified, field replaceable
Alternate power	AC / Solar hybrid available

Power Management

Rated usage	300 cycles per day, 25 second activation
Charged capacity	30 days at rated usage (without charging)
Auto brightness	6 stages of brightness for different light conditions and battery levels
Customizable	Automatic brightness disabled on request
Self monitoring	Visual notification of sub-optimal operation

LED Module

Light output	132 lumens
Size	0.75" (20mm)
LED color	Amber

Communication

Type	ISM spread spectrum radio, 902-928 MHz
Range	Up to 0.5 miles (800 m) with line of sight
Network addresses	8 unique addresses to avoid interference between multiple crosswalk locations
Compatibility	All AB family units

Physical Design

Configuration	LED sign with separate solar engine
Solar engine	6061-T6 powder coated aluminum
Solar engine color	Black, green or yellow
Solar engine weight	Approx — 33 lbs. (15 kg)
Available mounting for	Poles: 2" – 8" and others on request

Warranty

5-year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)

Contact

JSF Technologies is backed by a select group of resellers around the globe. To find a representative in your region please contact us:



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