














* other sign types, shapes and sizes also available

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.

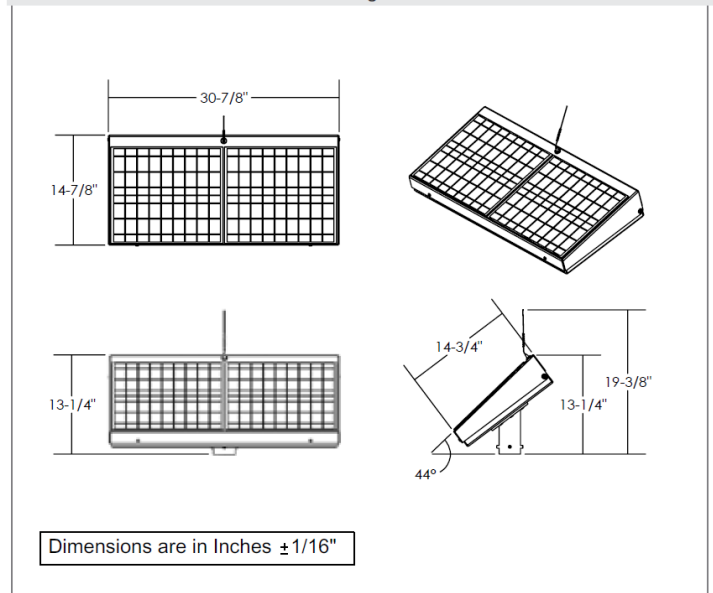
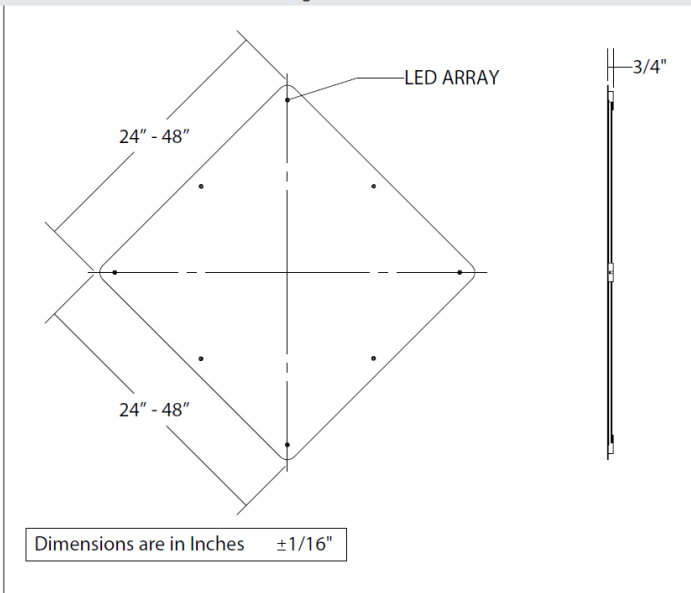
Benefits

-  **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



Specifications

System Overview

| | |
|--------------------------|---|
| Certification | CE and UL certified electrical components |
| Compliance | FHWA MUTCD compliant FCC EMC Class A verified |
| 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 |
| Solar panel | 32-40 W nominal 12 V, CE and TUV certified |
| Battery storage | AGM 12 V, 36 Ah, UL certified, field replaceable, Optional cold weather battery upgrade |
| Alternate power | AC / Solar hybrid available (hybrid includes "Battery Tender@ 800"), AC-Only available |

Power Management

| | |
|------------------|---|
| Rated usage | 300 cycles per day, 25 second activation |
| Charged capacity | Minimum of 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 |
| Sign size (square) | 24", 30", 36", or 48" and others upon request |
| Solar engine | 6061-T6 powder coated aluminum |
| Solar engine color | Black, green or yellow Custom colors also available |
| Solar engine weight | Approx — 53 lbs. (24 kg) |
| Available mounting for | Round poles: 2", 3.5", 4.5", Square posts: 4", 6", 4"x 6", Telespar |

Warranty

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



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