# Quick Guide

## Product Series & Configurations

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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.
### Specifications

**System Overview**
- **Certification**: CE 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
- **Variations**: Synchronized or Wig-Wag (alternating)
- **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**
- **Standard**: ITE VTCSH-STD 2005
- **Lens**: UV stabilized polycarbonate and Abrasion resistant
- **Size**: 8” or 12” diameter (200 mm or 300 mm)
- **LED color**: Amber
- **Additional LEDs**: Optional tell tale LED (amber, approx – 1” x 2”)
  - Optional additional signal head

**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**: Fully self-contained
- **Color**: Black, green or yellow
  - Custom colors also available
- **Solar engine**: 6061-T6 powder coated aluminum
- **Signal housing**: Polycarbonate
- **Weight**: Approx — 65–72 lbs. (29–33 kg)
- **Available mounting**: Horizontal overhead side mount bracket

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

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### Contact

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

+1.250.544.1640
+1.800.990.2454
www.jsftech.com

Rev C — June 23, 2015

*Specifications subject to change without notice.*
24-Hour Flashing Beacon: 3400 Series
FL-3408, FL-3412

Applications
The 24-hour flashing beacon is the perfect solution for temporary or permanent locations such as:

- **Stop Signs**: Draw attention to stop signs that go unnoticed by drivers.
- **Warning Signs**: Accent warning signs that convey critical information.
- **New Signs**: Highlight new signs for the first few weeks following installation.
- **Speed Reduction Signs**: Emphasize traffic speed signs in special zones or at transition points.
- **Construction Zones**: Enhance construction workers safety.

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 to meet regulatory requirements.
- **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.
Specifications

**System Overview**
- **Certification**: CE and UL certified electrical components
- **Compliance**: FHWA MUTCD compliant
- **Operation**: Continuous, 24-hours a day, 365 days a year
- **Flash patterns**: MUTCD (0.5 second on, 0.5 second off) or JSF Tech High Visibility Strobe Pattern
- **Variations**: Synchronized or Wig-Wag (alternating)
- **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**
- **Charged capacity**: Up to 30 days (without charging)
- **Auto brightness**: 6 stages of brightness for different light conditions and battery levels
- **Customizable**: Automatic brightness disabled on request

**LED Module**
- **Standard**: ITE VTCSH-STD 2005
- **Lens**: UV stabilized polycarbonate and Abrasion resistant
- **Size**: 8” or 12” diameter (200 mm or 300 mm)
- **LED color**: Amber or red

**Physical Design**
- **Configuration**: Fully self-contained
- **Color**: Black, green or yellow Custom colors also available
- **Solar engine**: 6061-T6 powder coated aluminum
- **Signal housing**: Polycarbonate
- **Weight**: Approx — 64–70 lbs. (29–32 kg)
- **Available mounting**: Horizontal overhead side mount bracket

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

Contact

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