

AB-5800 (40W)

LED-Enhanced Signage



* other sign types, shapes and sizes also available

SIGN

- 3M™ Diamond-Grade™ Sheeting with Anti-Graffiti overlay
- Machined aluminum waterproof pucks securely house Superbright LEDs
- Aluminum rails with marine-grade adhesive discretely sheathe wiring behind sign

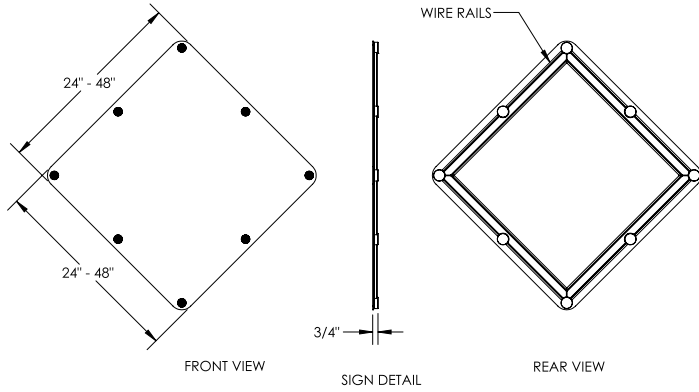
SOLAR ENGINE

- Solar engine includes solar panel, battery and control electronics with radio communication
- Elegant, integrated design simplifies installation and resists vandalism
 - Solid aluminum enclosure with durable powder-coated finish

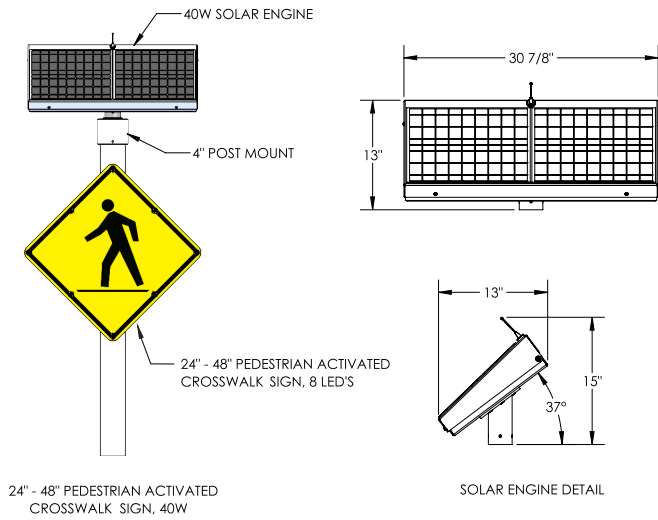
Pedestrian-Activated
Crosswalk Sign: **5800 Series**

AB-5800 (40W)

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 4 hours
Operating temperature	-40°F to +165°F (-40°C to +74°C)
Controller input voltage	12 V DC
Solar panel	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-compatible includes "Battery Tender® 800"

POWER MANAGEMENT

Rated usage	300 cycles per day, 25 second activation
Charged capacity	Up to 30 days at rated usage (without charging)
Auto brightness	6 stages of brightness for different light conditions and battery levels
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	16 unique addresses to avoid interference between multiple crosswalk locations
Compatibility	All AB family units and third-party devices
Push buttons	Polara Bulldog, Polara XAV, Campbell 4EVR, Campbell Guardian AGPS

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 - 61 lbs. (28 kg)
Available mounting for	Round poles: 2", 3", 4.5", Square posts: 4", 6", 4"x 6", Telespar + UChannel: 2"

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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*Specifications subject to change without notice.

