

AB-5800 (20W)

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

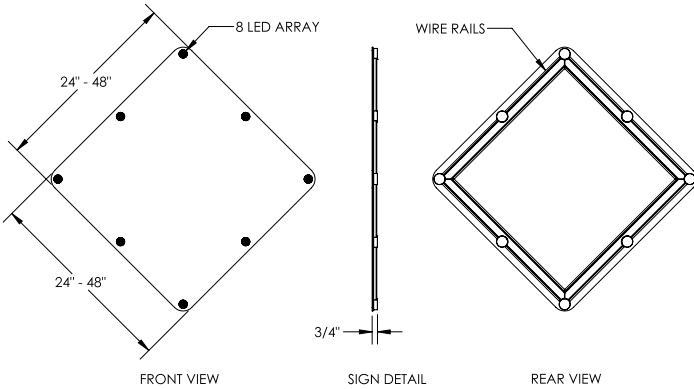
SOLAR ENGINE

- 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

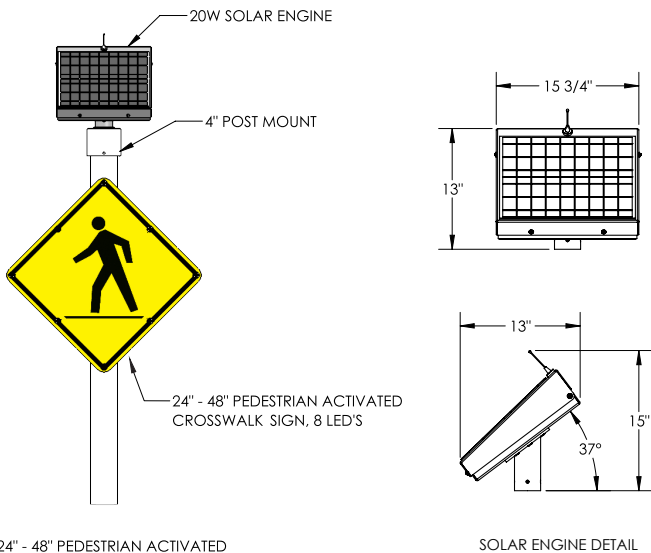
Pedestrian-Activated
Crosswalk Sign: **5800 Series**

AB-5800 (20W)

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



Solar Engine



24" - 48" PEDESTRIAN ACTIVATED
CROSSWALK SIGN, 20W

SOLAR ENGINE DETAIL

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 | 20 W nominal 12 V, CE and TUV certified |
| Battery storage | AGM 12 V, 18 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 - 38 lbs. (17 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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www.jsftech.com

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*Specifications subject to change without notice.

