



JSF
TECHNOLOGIES
ADVANCED TRAFFIC SOLUTIONS

www.JSFTech.com

sales@JSFTech.com

1-800-990-2454



AB-9407-20W

RRFB Rectangular Rapid Flashing Beacon



SELF-CONTAINED 20 WATT SOLAR ENGINE



Solar Panel

Solar Cell - Monocrystalline Silicon
Rated Power (Pmp) 20 Watts
Rated Voltage (Vmp) 18 VDC
Rated Current (Imp) 1.1 A
Certifications: CE and TUV certified

Solar Angle

44° (Standard)

Standard Battery Bank

AGM 12V, 18 Ah - UL Recognized,
field replaceable

Cold Weather Battery Bank Option

AGM 12V, 16 Ah - UL Recognized,
field replaceable

Solar Engine Housing Material

A5052 Sheet Aluminum (Enclosure)
6061-T6 Aluminum (Mount)

Solar Engine Dimensions

15.75" x 13.25" X 4.5" (40 x 33.7 x 11.5cm)*

POWER MANAGEMENT

Rated Usage

300 cycles per day, 25 second activation

Charged Capacity

Up to 30 days at rated usage

Automatic Light Control (ALC)

Various stages of brightness for different solar conditions and battery levels

SYSTEM PROTECTION

Low Voltage Disconnect

9.5 VDC

Over Current Protection

1.8 Amp PTC auto-reset fuse

Self Monitoring

Visual notification of sub-optimal operation

DUAL RRF LIGHT BAR

Standard Followed

ITE VTCSH-STD 2005

RRFB Housing Material

A5052 Sheet Aluminum (Lightbar)
6061-T6 Aluminum (Mount)

LED Size

3" x 7" (76.2 x 177.8mm)* x two per lightbar

Tell Tale LED Size

1" x 2" (25.5 x 51mm)*

Housing Dimensions

24" x 3.0625" x 3.75" (61cm x 7.75cm x 9.5cm)*

Std. LED Color Options

Amber or Red (custom colors available)

RRFB Mount

Universal Jaw Mount
Telespar Jaw Mount
Side Mount Bracket

COMMUNICATION

Band of Operation

ISM Band (902-928 MHz)

Compliance

FCC and IC Compliant

Range

Up to 0.25 miles (400 m) with line of sight

Network Addresses

16 unique addresses to avoid interference between multiple crosswalk locations

Compatibility

Can communicate with other AB units

SYSTEM OPTIONS

LED & Solar Engine Housing Colors

Yellow, Black or Green
(custom colors available)

Mounting Options

Round Pole Collars: 2.5", 3.5", 5" and 6"
Telespar Mount: 2"
Square Wood Post Mount: 4" x 4", 6" x 6"
Side Mount Bracket: 12", 18" and custom lengths available
Custom Mounts Available



SYSTEM OVERVIEW

Compliance	FHWA MUTCD compliant
Standard (Std.) Operation	Pedestrian Activated via push button or JSFT remote transmitters
Flash Pattern Options	RRFB Pattern (WW + S) FHWA IA-21 Approved
Activation Duration	Variable from 5 seconds to 4 hours
Std. Operating Temperature	14°F to +165°F (-10°C to +74°C)
Cold Weather Upgrade Option	-40°F to +176°F (-40°C to +80°C)
System Voltage	12 VDC
Packaged Dimensions	24" x 18" x 18" @ 52LBS (61 x 45.7 x 45.7cm @ 24KG)*

SIGNAL HEAD AND SOLAR ENGINE AVAILABLE WITH STANDARD COLOURS; YELLOW, BLACK, OR GREEN. CUSTOM COLOURS ARE ALWAYS AVAILABLE.



SALES

Toll-Free 1.800.990.2454
sales@jsftech.com

SUPPORT

Toll-Free 1.800.990.2454
support@jsftech.com

ADDRESS

6582 Bryn Road,
Victoria, BC V8M 1X6

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

*All measurements and weights are approximate



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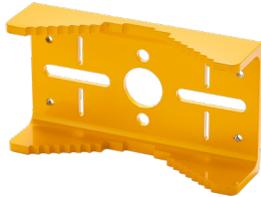
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UNIVERSAL JAW MOUNT



TELESPAR JAW MOUNT



SIDE MOUNT BRACKET

RRFB LIGHTBAR MOUNTING



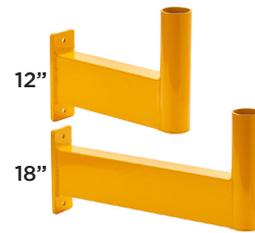
2.5" 3.5" 5" 6"

ROUND POLE MOUNT



4x4" 6x6"

WOOD SADDLE MOUNT

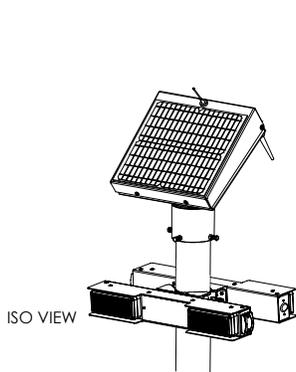


12" 18"
MOUNTING ARMS
(CUSTOM LENGTHS AVAILABLE)

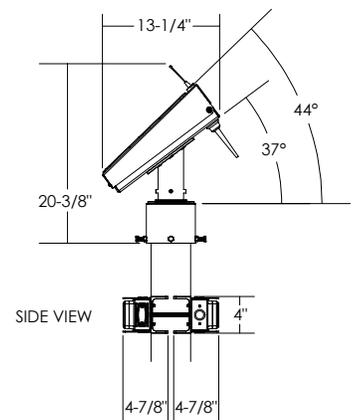
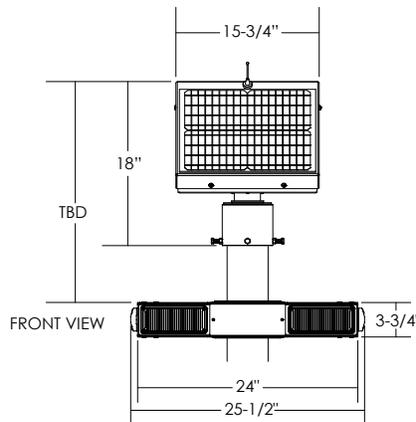


2"
TELESPAR
MOUNT

SOLAR ENGINE MOUNTING OPTIONS



AB-9407-20W



SYSTEM DRAWINGS