



**Silicon Constellations Inc.**  
 2980 Scott Blvd  
 Santa Clara  
 CA 95054

T (408) 294 4838  
 F (866) 586 8846

## XBE-1 Wireless RRFB

Silicon Constellations' Rectangular Rapid Flashing Beacon complies with the Federal Highway Administration's (FHWA) approval for the optional use of RRFBs for pedestrian and school crossings. Studies show the use of RRFBs significantly increases compliance by motorists in 'yield to pedestrian' situations from 8%- 20% to 80%-95%.

The RRFB is a rectangular shaped, high intensity LED, which flashes in a wig-wag (three/two) flickering pattern. The alternating strobe pattern provides direct, ultra bright concentration as well as wide-angle intensity of light.

SC has two light bar styles for roads with and without medians. They are easy to install and fit both 2 1/2" and 4 1/2" OD poles. The light bar's standard finish is either Federal Yellow or brushed aluminum. Custom colors are available upon request.



**One-Sided / 2 LEDs  
 (Federal Yellow & Brushed Aluminum)**  
 Optional: One or two end-mounted signals for pedestrian verification.



**Two-Sided / 5 LEDs (Brushed Aluminum)**

## TECHNICAL SPECIFICATIONS

### RRFB LIGHT BAR

Dimensions (One-Sided / 2 LEDs)	3.5" H x 20" W x 2.625"D
Dimensions (Two-Sided / 5 LEDs)	3.25" H x 20" W x 8" D
Power Required	12V
Flash Rate	70 Cycles / Minute Consisting of Double & Triple Flashes Per Cycle

### FEATURES / OPTIONS

Wireless	Eliminates Need for Trenching
Solar	Eliminates Need for AC Power
Mode of Activation	ADA Push Button or Pedestrian Switch Pad