



Traffic and Solar Products



Two-sided / 5 LED's*
(shown in federal yellow)

One-sided / 2 LED's
(shown in brushed aluminum)



* Available with 4, 5, or 6 LED's

The RECTANGULAR RAPID FLASHING BEACON (RRFB) SYSTEMS improves pedestrian safety at uncontrolled crosswalks.

- Significantly increases compliance by motorists in 'yield to pedestrians' (high 80% to high 90%) compared to standard beacons (15% to 20% range)
- High intensity LED flashes a direct, ultra bright "wig-wag" strobe pattern
- Initiated with push button, passive detector, or optional ADA push button
- Complete systems available in AC or DC
- Wireless radio operation - no need for trenching
- Light bar can be retrofitted to existing poles using round flashing beacons (AC or DC)
- Two finishes: federal yellow, brushed aluminum and custom colors available upon request
- Recessed lights to deter vandalism
- Complies with FHWA approval

**Contact ELTEC
for more information
800-227-1734
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RECTANGULAR RAPID FLASHING BEACONS

The Federal Highway Administration (FHWA) has granted interim approval for optional use of Rectangular Rapid Flashing Beacons (RRFB) to supplement* standard pedestrian and school crosswalk signs at uncontrolled approaches. According to the FHWA's data, the RRFB had very high rates of motorist "yield to pedestrians" compliance (approx. 80%-100%) compared to standard beacons (15%-20%) range.

The RRFB is a rectangular shaped, high intensity LED, which flashes in a wigwag flickering pattern. The alternating strobe pattern provides direct, ultra bright concentration as well as wide-angle intensity.

ELTEC has designed two styles of RRFB light bars:

One-sided/2 LED's for use on crossings with a median; mounts to a standard 4.5" O.D. pole.

Two-sided/5 LED's used with two-lane pedestrian crossings; mounts to either a 2.5" or 4.5" O.D. pole.

The end-mounted LED verifies system initiation to pedestrians. The LED's are recessed for vandal resistance.

Both RRFB light bars can be retrofitted to existing pedestrian crossings or integrated in new systems. The RRFB light bar works with either DC (solar) or AC systems that incorporate a 120VAC to 12VDC converter.

One-sided/2 LED's
(shown in federal yellow)



Two-sided/5 LED's
(shown in brushed aluminum)



Two finishes are standard—federal yellow or brushed aluminum. Optional custom colors available.

RRFB and LIGHT BAR SPECIFICATIONS

Dimensions (one-sided/2LED's	3.5" H x 20" W x 2.625" D
Dimensions (two-sided/5LED's	3.25" H x 20" W x 8" D
Power required.....	12VDC
Flash rate	75 cycles/minute consisting of double & triple flashes per cycle

*An RRFB shall only be used to supplement a pedestrian or school crossing warning sign with a diagonal downward arrow plaque, located at or immediately adjacent to a marked crosswalk. It shall not be used for crosswalks across approaches controlled by YIELD or STOP signs, or traffic control signals. An RRFB shall only be installed to function as a warning beacon.

All components are designed, manufactured and assembled in the U.S.A.

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