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

- Significantly increases motorist compliance to yield to pedestrians (approx. 80%–95%) compared to standard beacons (15%–20% range).
- Lab certified Class 1 light intensity: 2/4-1 wig-wag strobe flash pattern
- Precise optical control provides higher visibility
- Optional: pedestrian verification signal
- Federal yellow or brushed aluminum. Custom colors available
- Initiated with push button or passive detection
- Systems available in AC or solar (DC)
- Wireless radio operation between poles. No need for trenching
- Light bar can be retrofitted to existing systems using round flashing beacons
- Conforms to all FHWA updated requirements

For more information or a quotation, contact ELTEC or your local ELTEC Dealer

www.ELTECCORP.com
ELTEC’s Rectangular Rapid Flashing Beacon (RRFB) light bars comply with the Federal Highway Administration’s (FHWA) interim approval for optional use at uncontrolled pedestrian and school crossings. Studies show using RRFB signals significantly increases motorist compliance to “yield to pedestrians” (80%-95%) compared to 15%-20% with standard flashing beacons. Systems are pedestrian activated: push button or passive detection.

As required by the FHWA, the Class 1 RRFB (used by police & emergency vehicles) is a rectangular shaped, high intensity light head. The alternating 2/4-1 wig-wag strobe pattern provides direct, ultra bright concentration as well as wide-angle intensity.

ELTEC has designed two styles of RRFB light bars. Both styles have recessed signals to minimize vandalism and can include an end-mounted indication for system verification to pedestrians.

- **One-sided with 2 RRFB’s**: Used with divided highways with a medium or one-way streets. Mounts to tapered, wooden, or standard 4 1/2” O.D. pole or other diameter pole sizes where banding is appropriate.
- **Two-sided wraparound with 4 RRFB’s**: Used with two-way streets or on medians. Mounts to either a 2 3/8” or 4 1/2” O.D. pole, or 2 1/2” Telespar. Optional: One or two end-mounted signals for pedestrian verification.

Both light bars can be retrofitted to existing pedestrian crossings currently using round flashing beacons or integrated in new systems. The RRFB light bar works with either DC (solar) or AC systems. All solar powered systems are sized for each project taking into consideration the average number of crossings per day (hours of operation), latitude, local site conditions, and weather ensuring sufficient power during winter months. Duration of flash time is user defined.

Two finishes are standard: federal yellow or brushed aluminum. Custom colors available.

### RRFB LIGHT BAR SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Dimensions (one-sided)</th>
<th>Dimensions (wraparound)</th>
<th>Power required</th>
<th>SAE J595 Class 1 Certified LED’s*</th>
<th>Flash rate</th>
<th>Optional: 6 stage night dimming</th>
<th>Reduces light intensity by 70%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.5&quot; H x 20&quot; W x 2.625&quot; D</td>
<td>3.25&quot; H x 20&quot; W x 8&quot; D</td>
<td>12 VDC</td>
<td>AMECA Accredited Laboratory</td>
<td>75 flash cycles/minute</td>
<td>Reduces light intensity by 70%</td>
<td></td>
</tr>
</tbody>
</table>

*Surface area of LED’s does not determine level of brightness. Type of LED determines how many must be used to provide required Class 1 light level. The reflector used to distribute light output affects signal intensity. Ask your representative for a copy of the Class 1 lab certification.

**ELECTROTECHNICS CORPORATION**

1310 Commerce Street  
Marshall, TX 75672

800-227-1734  903-938-1901  Fax 903-938-1977

sales@elteccorp.com