



RRFB CROSSWALK SYSTEMS

Midblock and Roundabout Pedestrian Crosswalks

- MUTCD compliant
- Solar or AC power configuration
- Simple Installation









SPECIFICATIONS

RRFBs have been found to provide vehicle yielding rates between 72 and 96 percent for crosswalk applications, including 4 lane roadways with average daily traffic (ADT) exceeding 12,000*

* U.S. Department of Transportation Federal Highways Administration, Publication No. FHWA-HRT-10-043
Effects of Yellow Rectangular Rapid-Flashing Beacons on Yielding at Multilane Uncontrolled Crosswalks

RRFB CROSSWALK SYSTEMS SOLAR | AC | HYBRID





Solar Integrated cabinet

20 W (optional 50W) with universal mount or optional side pole

with separate cabinet

Maximum Power Point Tracking (MPPT)

Enclosure Top of pole with Integrated Solar Panel

13.8"W x 21.0"H x 5.4"D

Optional Side pole with separate cabinet Nema 3R Aluminum (optional powder coat finish)

Integrated number 2 Corbin lock 16.0"W x 12.0"H x 9."D

Battery Superior Lithium-Iron (LiFePO4 / extended life) 20Ah.

Optional: 40Ah

Controller Adjustable flash duration from 5 sec to 99 sec

LED Display and scrolling menu Onboard system health metrics

Activation count data

Wireless connectivity 2.4 GHz (optional 900MHz)
Cloud connectivity - **LaneLight CONNECT**

Light Bar Meets or exceeds SAE J595 class 1 intensity

Meets SAE J578 chromaticity

Amber LED 3 x 7 in. (clear lens and clear LED when not activated)

Standard night dimming Polycarbonate UV resistant lens

Standard end mounted pedestrian notification LEDs Black powder coat finish; Yellow + custom colors available

Lifetime warranty

Pushbutton Polara Bulldog with audible and LED confirmation

Optional Polara INX annunciating (APS style) with voice message Optional passive activation including LaneLight Photobollards, or

PIR camera. Sign: R10-25

AC 120VAC (optional battery backup)

Operating $40^{\circ}\text{F to } +165^{\circ}\text{F } [-40^{\circ}\text{C to } +74^{\circ}\text{C}]$

Variations All signs available in Diamond Grade Reflective

Fluorescent Yellow (FY) or Fluorescent Yellow Green (FYG)

Warranty 5 Year Limited Warranty

Simple Installation Mid-block and Roundabout Pedestrian Crosswalks

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