



**LaneLight
CONNECT**



CLOUD SERVICES
INCLUDED

**MUTCD
COMPLIANT**



**5
YEAR
WARRANTY**

HALF SIGNAL CROSSWALK SYSTEM

Allows pedestrians to
safely cross major streets
by stopping traffic.

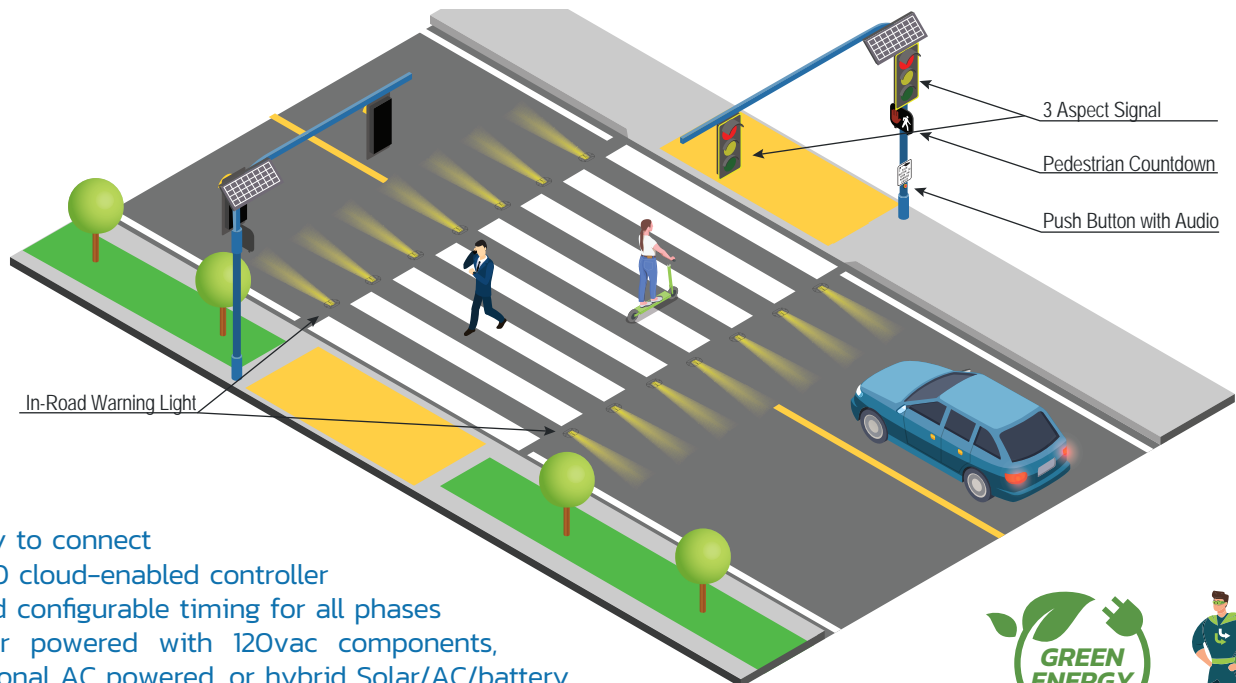
Data showed a 48% reduction in the number of people hit by cars in Half Signal Crosswalks (Seattle Department of Transportation).

OVERVIEW

Half Signal Crosswalk System

Half signal crosswalks provide a safe and efficient way for pedestrians to cross busy streets. By activating the signal, pedestrians can stop traffic in their direction, creating a controlled gap for crossing without needing to navigate unpredictable vehicle flow.

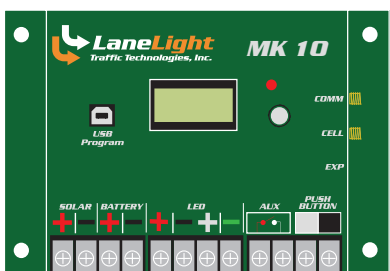
When a pedestrian presses the APS call button, the system initiates a traffic light sequence: approaching vehicles get a yellow light, then red, while the optional In-Road Warning Lights begin to flash yellow, then turn solid red. At the same time, pedestrians are shown a "walk" signal paired with an audible cue. Once the crossing time ends, the pedestrian signal switches to "don't walk," and traffic resumes. Unlike a full traffic signal, the half signal only stops two direction of traffic, protecting pedestrians with a regulatory signal. This balanced approach improves safety significantly.



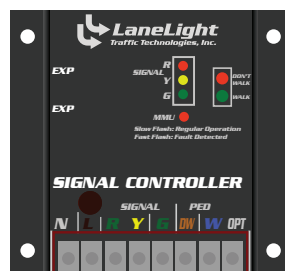
- ◆ Easy to connect
- ◆ Mk10 cloud-enabled controller
- ◆ Field configurable timing for all phases
- ◆ Solar powered with 120vac components, optional AC powered, or hybrid Solar/AC/battery



MK10 CONTROLLER



LaneLight MK10 Controller



LaneLight Signal Controller

The **LaneLight Signal Controller** is a solid-state interface device that connects to the **MK10 system controller** at the expansion port and is used to communicate with a half-signal traffic control system where there is a red/yellow/green signal light for traffic on the primary road and stop signs on the secondary roads. This device can be combined with other **MK10** peripheral devices to support a variety of traffic/pedestrian control configurations.