



**LaneLight
CONNECT**



CLOUD SERVICES
INCLUDED

**MUTCD
COMPLIANT**



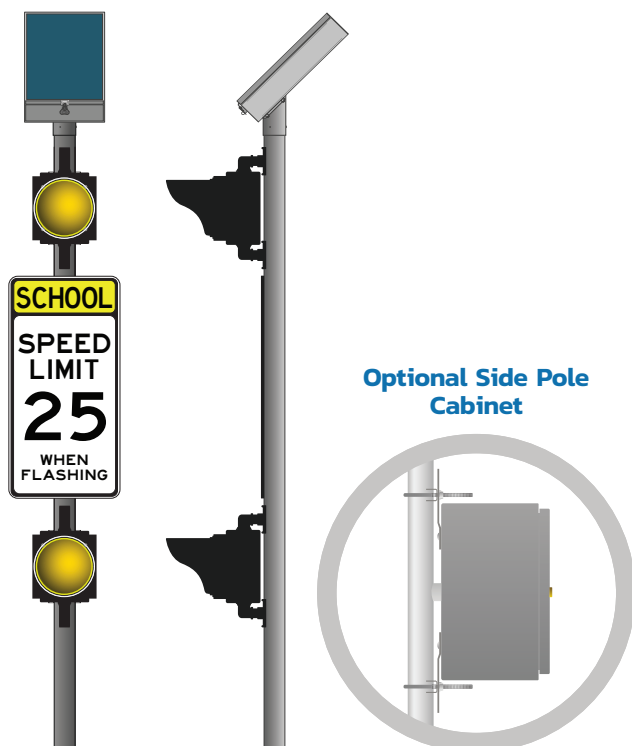
**5
YEAR
WARRANTY**

SCHOOL ZONE FLASHING BEACON

Programmable LED
enhanced signage

OVERVIEW

School Zone Flashing Beacon



OVERVIEW

A single or dual beacon with Top of Pole Solar Control Cabinet installs easily onto any new or existing sign post and provides effective notification to drivers. The system can be configured to run through a range of time or utilize an optional vehicle detection radar sensor to activate the system.

It includes cloud-based scheduler (LaneLight Connect), which is vital for School Zone Flashing Beacons, ensuring student safety through automation. They eliminate human error, guaranteeing consistent beacon activation during critical times, even with schedule variations or unexpected changes. Remote management allows administrators to adjust schedules instantly, enhancing responsiveness.

Powered by the MK10 controller, LaneLight Connect delivers real-time monitoring and diagnostics enabling proactive maintenance to minimize downtime. Integration with traffic and emergency systems enhances safety protocols. Data analysis optimizes traffic flow and school zone safety, transforming beacons into a smart, responsive safety ecosystem.

SPECIFICATIONS

Beacon Assembly

Beacon Size Options	8 in. or 12 in. - Red or Amber
Flash Pattern	MUTCD compliant Wig-Wag

Beacon Housing

Material	UV-stabilized polycarbonate,
Color Options	All black, all yellow, yellow body with black front panel

Top of Pole Solar Control Cabinet

Material	0.125 in. 5052 Aluminum - 21 in. x 13.80 in. x 5.4 in.
Construction	Welded box construction with gasket Top-mounted lid with piano hinge
Mounting Options	Top of pole mount adapter (max. pole 0 4.5 in.) Telespar adapter (1.5-2.5 in.), #1-1/2 in. nut Custom arm extension for side of pole mount
Weight	10 lb (with 20Ah battery)
Solar Power	20W solar panel (mounted on lid). Autonomy > 20days
Battery	3.6V/20Ah LiFePO4 battery

**Optional aluminum side of pole cabinet

Sign

Sign Size (s)	24in. x 48 in.; 30 in. x 60 in.; or 36 in. x 72 in.
Sign	0.080 Highway Grade Aluminum (Diamond Grade with anti-graffiti overlay)
Mounting	Flanges and Banding included

Warranty

Limited Warranty	5 year limited warranty for defects in manufacturing, factory assembly and materials only; excludes damage caused by incorrect installation, vehicles, or vandalism.
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