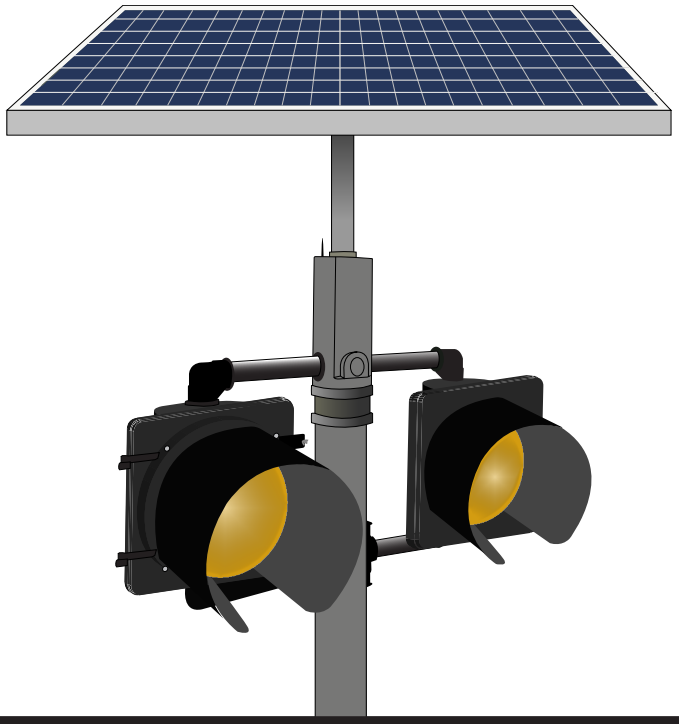
TRAFFICALM™

Intelligent Flashing Beacons

KEEPING TRAFFIC CALM

When it comes to warning drivers of impending danger, nothing performs better than TraffiCalm™ LED sign enhancements.

We engineer cutting edge LED technology, millisecond response times, and intuitive designs- TraffiCalm™ builds solutions that make a difference on today's roads.



- *Non-dimming ITE VTCSH compliance (day and night)*
- *60, 100, or 150 Watt post top solar panels*
- *SlimLine controlling hardware seamlessly integrates with 4.5" round pole, with no need for a side-of-pole cabinet*
- *Can be activated by radar vehicle detection, push button, remote, etc*
- *Designed, tested, and sold as a complete solution means no hunting for components*
- *Easy on board configuration via any Wi-Fi equipped device without the need for a download of any kind*
- *Integrated flash confirmation light removes the need for a second beacon*

Entirely designed and tested in house, our Intelligent Beacons take shape from the best components in the industry to provide a fast to install, affordable to own, and easy to maintain solution.

TraffiCalm™ does beacons better. Only we offer *non-dimming*, day and night ITE VTCSH compliant operation. No one else has designed a system optimized on (as much as) a 150W solar panel and 43Ah battery. Add on our inexpensive radar and it is easy to see why TraffiCalm™ has the beacon you'll love.

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Limited Warranty 5 YEAR

Features

Controllers and Collaborators

- M75-SA300-CTLZ/CLBZ Slimline models feature robust, 4.5" pole top designed to seamlessly integrate with beacons
- Wireless Device 2 Device radio communication with less than 150ms response time
- No additional cabinet or mounting hardware required

Power Options

- AC or Solar power
- 60, 100, 150 Watt post top solar kits
- 43Ah battery secured within base of post for discrete road-side presence

12" LED Beacon Ball

- Complete 12" LED beacon solution includes wiring, posts, and all hardware needed for many configurations
- Can be paired with TraffiCalm™ MUTCD compliant sign rings for all Warning Signs, school zone signs, stop signs, chevron signs, and more
- Auto Dimming and Non-dimming selectable operation
- ITE VTCSH-LED circular signal supplement (2005) compliant

Build Options

- LED Color: Amber or Red
- Orientations: Single, Dual Horizontal, Dual Vertical
- Visor and Housing Materials/Colors: Aluminum or Polycarbonate, Black, Green, and Yellow

Maintenance-Free Battery (Solar Models)

- Standard 43Ah extreme environment battery resides within base of 4" ped pole for discreet and sleek installation
- Excellent discharge capacity at freezing temps (50% at -20C).
- Eco-friendly, acid free advanced electrolyte

Human Interface (HMI) Configuration Utility

- WiFi Connectivity - no internet connection or download required
- Configurable flash duration
- Wirelessly configures all devices on network, connect to one controller and program multiple posts in near-vicinity
- Activation Data Recording / Reporting
- Auto and configurable dimming
- Industry exclusive non-dimming selection

Input/Output

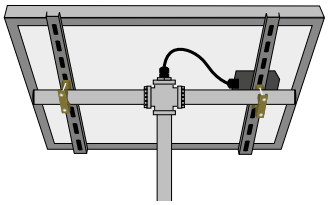
- Activation inputs from radar detector (M75-SA300-RDR0), push button, high water sensor, ice detection, overheight sensor, etc.
- Two outputs can be connected to a combination of dual beacons, RRFBs, and/or TraffiCalm sign rings
- External flashing confirmation LED on back of unit used by law enforcement to verify operation. Visible at 100' (30m) or better

Performance

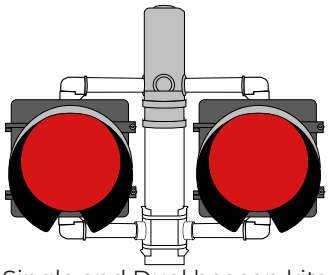
- -34°C to +50°C operating temperature
- Less than 150ms activation between wireless devices
- Minimum ***xx*** days of autonomy between charging at 0°

Warranty

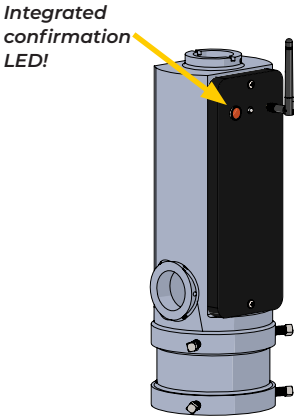
- 5 years on all components excluding batteries



Select from 60, 100, and 150W post top panel kits



Single and Dual beacon kits integrate seamlessly



Post Top Controllers double as mounting hubs

Perfectly paired with TraffiCalm™ Flashing Sign Rings

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