



## Smart Crosswalk™ Automatic Activation Bollard

**Part Number:** LGS-T6

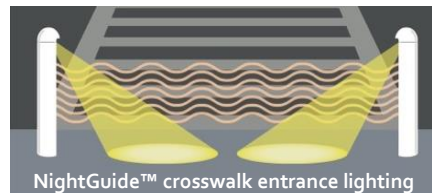
**Description:** Automatic (passive) Pedestrian Detection Bollard  
Sensor Activation 'Gateway' System

### Application Notes:

The T6 bollard automatic activation system consists of entry 'gateways' created by two opposing bollards. A pair of bollards are placed at each of the crosswalk entrances for a total of 4 (four) bollards and are positioned to invite pedestrians to enter at a desired location. As pedestrians enter the crosswalk, walking in between the bollards, the system is automatically activated and the in-roadway warning lights (IRWL), LED warning signs and/or RRFBs—begin to flash. Bollards are directionally sensitive, and activate as pedestrians enter the crosswalk, NOT when exiting.

The bollard's infrared light sensors are pre-set by the factory. Field adjustments can be made to sensor module alignment, orientation and sensitivity level. Infrared light is projected between the receiver and transceiver of the opposing bollard. The sensors will detect an object traveling at any speed regardless of how slow or fast. Should the sensors become blocked by an object, a failsafe system triggers a default on/off flash pattern which remains on until the system signal blockage is cleared.

Bollards can be separated by as much as 40 feet apart to allow for a wide entry zone and are installed at a minimum of 1.5 feet to 4 feet from the curb at the crosswalk entrance. Each bollard contains 12 internally illuminated LED lights—making the bollard and crosswalk entry visible 24/7.



Prior to installing bollards, the proposed site should be reviewed to observe pedestrian crossing habits at the crosswalk. Particular attention should be paid as to how far back pedestrians may "cut the corner" when entering the crosswalk.

### Features & Benefits:

- Sleek, modern design
- Optional audible sounds
- Passive pedestrian detection
- Easily installed in sidewalks
- Durable aluminum construction
- 12VDC operation (down to 10VDC)
- Simple control panel installation
- 24/7 crosswalk entrance lighting
- Option for custom graphic



### General Specifications & Mounting Diagram

Parameter	Value
Maximum separation	40 Feet
Power consumption	2.5 Watts
Operating temperature	-20° to 80°C
Operating voltage	10VDC to 14VDC
Exterior color	White (custom colors available)
Outer enclosure material	0.125" aluminum
NightGuide™ light color	Amber
Custom lighted graphic	Requires an approved .bmp graphic; fees apply
Dimensions	42" height, 8" diameter
Installation	Mounts via concrete anchor bolts

