



- ### Features/Benefits
- Aesthetically Pleasing
 - Optional Audible Sounds
 - Easily Installed In Sidewalk
 - Simple Control Panel Installations
 - 12VDC Operation (Down To 9VDC)
 - Internally Illuminated Courtesy Light
 - Directional Detecting Infrared Sensors

AUTOMATIC ACTIVATION BOLLARDS

LightGuard Systems Part Number: LGS-T3

Description: Automatic Pedestrian Detection Bollard

Automatic Activation Series — Bollards

Application Notes

Automatic activation bollard devices consist of “gateways” comprised of a pair of bollards. The bollards are positioned to “invite” pedestrians to enter a crosswalk at a desired location.

The infrared sensing devices typically are preset by our factory. However, it is possible to adjust the alignment of the sensor modules in the field. The infrared light beams are projected to the respective receiver module. The bollard “gate” system is directionally sensitive and is activated only when entering into the crosswalk zone not when exiting.

At each end of the crosswalk entrances, a pair of bollard devices are placed and normally there are 4 bollards per crosswalk. When pedestrians enter into a crosswalk zone they pass between the bollards and the Smart Crosswalk™ system is automatically activated. Each bollard contains 24/7 LED courtesy lights making the bollard visible at night or during inclement weather.

Prior to installing bollards, the proposed site should be reviewed to observe the habits of local citizens using the crosswalk. The bollards can be separated by as much as 60 feet apart to allow for a wide entry zone. Particular attention should be paid as to how far back pedestrians may “cut the corner” when entering the crosswalk.



General Performance Specifications

Parameter	Value
Maximum Separation	60 Feet
Power consumption	2.5 Watts
Operating Temp	-20° to +80°C
Operating Voltage	9VDC to 15VDC
Color	White (Other Colors Avail-
Courtesy Light Color	Amber
Size	42” Tall, 8” Diameter

