



Flashing LED Border-Enhanced Stop Sign

Part Number: LGS-R1-1-B

Description: MUTCD LED Border-Enhanced STOP Sign

Application Notes:

Visible up to 1 mile, each flashing LED STOP sign contains 96 high-intensity LEDs housed in 8 NEC conduit bodies that are embedded into the border. The LED border-enhanced STOP sign flashes when activated to warn approaching vehicles to stop. LED STOP signs are activated by approaching vehicles via infrared light beam sensors, or by other activation devices such as radar, motion sensing equipment, gates, loop detectors.

The R1-1-B is normally used in combination with the LightGuard Systems *ActiveStop™* System (LGS-R1-1 ACT-AC; SPEC #8005).

Mounting:

Tamper resistant unistrut bracket provided (see local agency standards for mounting details).

Features/Benefits:

- 96 high-intensity LEDs
- 12 VDC operation down to 9 VDC
- Easily mounts to standard poles using tamper resistant unistrut bracket
- Simple electrical connections
- High visibility up to 1 mile



General Specifications

Parameter	Value	Mounting	Wiring Diagram
Viewing angle	± 20 °		
Viewing distance	1/2 mile minimum (daylight)		
Luminous intensity	666,000 mcd		
Operating temperature	-30°F to +165°F		
Operating voltage	11.5VDC to 13.5VDC		
DC Current @ 12VDC	1.3 A nominal		
Average power dissipation	20 W maximum		
Retro-reflective	ASTM D4956 Type IX		
Background color	Red		