

LumiSign - LED Enhanced Pedestrian S1-1 School Sign

The LumiSign LED enhanced S1-1 incorporates 8 high-power LEDs. Each LED emits amber color light using non-diffused high power solid state lamps.

LumiSign's LEDs, rechargeable battery and control electronics are uniquely built into a single low-profile weatherproof enclosure. Mounting bracket assembly with tamper-resistant hardware included. MUTCD / Caltrans compliant featuring flashing synchronization with all other crosswalk system lights.

LumiSign operates either as a receiver or transmitter and is capable of wirelessly activating other crosswalk lights up to a distance of 1,000 feet (line of sight).



TECHNICAL SPECIFICATIONS

SIGN

Dimensions	36" x 18"
Finishing color	Fluorescent Yellow-Green - FYG

POWER requirements

Voltage	12 V
Current	Standby Mode LED Active Mode
	0.5 mA 250 mA

RF requirements

Frequency Range	2400 – 2524 MHz
Effective Range	Line of Sight 1000 ft
Modulation Type	GFSK
Data Rate	250 kB/sec

BACKUP BATTERY

Battery Type	(NiMH) Nickel Metal Hydride
Capacity	Backup energy up to 14 h. 9.5 Ah
Voltage	12 V

LED LIGHTS – QTY. 8

Brightness	4.5 million cd/m ²
Color / Wavelength	Amber / 590 nm
Daylight Visibility Range	2000 ft