



Lumisign™ XB Datasheet

Silicon Constellations Inc. is proud to offer the Lumisign™ XB — the traffic safety industry's brightest MUTCD warning sign.

Brightest MUTCD LED Sign

Lumisign XB enhances MUTCD sign faces by incorporating high-brightness LEDs to provide a highly visible warning sign during day or night. Lumisign XB's wireless transceiver and solar power system create an autonomous unit which doesn't require mains power.

Flexible

Lumisign XB's wireless transceiver can operate as either a transmitter or a receiver. Lumisign XB can be placed at the crosswalk and used as an activator for our Lumistar™ XB in-roadway lights, or alternatively Lumisign XB can receive signals from our wireless activator at distances up to 1000 feet .

Configurable

Lumisign XB's parameters are pre-programmed to your specifications at the factory, but can be modified via our optional Configurator unit..

TECHNICAL SPECIFICATIONS					
Power Requirements			RF Performance		
Voltage		12.0V	Frequency Range		2400 MHz - 2524 MHz
LED Current	Standby Mode Active Mode	0.5 mA 250 mA	Effective Range	Line of sight	1000 ft
LED Cluster			Backup Battery		
Brightness		400,000 Cd/m ²	Battery Type		(NiMH) Nickel Metal Hydride
Color / wavelength		Amber / 590 nm	Capacity	Reserve power up to 14 days	9.5 Ah
Daylight Visibility Range		500 ft	Voltage		12.0V