

LED Intermittent Railroad Crossing Sign

Displaying clear speed limits near school zones is crucial to ensure the safety of schoolchildren while maintaining smooth traffic flow.

Description

The variable speed limit sign can display two speeds, i.e., 30 and 50 km/h in urban areas or 50 and 70 km/h in rural areas. High-quality LEDs display the numbers, which are easy to read from a distance of 200 metres and fully invisible when they are not lit. This sign comes with Orange Traffic's SPC-22 programmable GPS clock and can be programmed years in advance with schedules that include statutory holidays, weekends, weekdays, vacations and other dates (perpetual calendar). Furthermore, Orange Traffic can equip this sign with solar panels for autonomous operation as well as with a WiFi transmitter-receiver enabling remote configuration (optional).

Specifications

Technical characteristics

- Waterproof aluminium enclosure that meets NEMA requirements for type 4 enclosures
- Compliance with ITE requirements applying to LED road signs
- Exterior dimensions: 1,067 x 600 mm (42 x 24")
- Depth: 200 mm (8 in.)
- Supply voltage: 90-135 VAC/60 Hz
- Maximum power: 30 W; nominal power: 15 W
- Power factor: > 90%
- Compliance with operating temperature criteria of the NEMA TS 2 standard (-34 to +74°C [-30 to +165°F])
- LEDs of stable brightness and chromaticity over the entire power and temperature ranges

Optional accessory

Visor measuring 300 mm (12 in.) in depth for improved visibility in direct sunlight

Functional characteristics

- Independently powered and controlled messages. The power modules are compatible with all Orange Traffic LED display panels and can be replaced while powered.
- The front panel assembly as well as the main components can be replaced using simply a flat screwdriver, which facilitates upgrading and maintenance operations.
- Fully compatible with:
 - Standard traffic signal conflict monitors (NEMA and 170)
 - Earlier versions of Orange Traffic lane control panels (reverse compatibility)
 - STI-Tassimco's SPC-22 programmable countdown module, allowing for the panel's autonomous operation according to a determined schedule
- Dry contact for the confirmation or display control alarm of each message and for interlocking two contiguous messages without additional material
- Front lens measuring 4.8 mm (3/16 in.) in thickness and UV resistant for longer LED life

