

# LED Blank Out Sign

Intermittent road signs are designed to clearly indicate authorized vehicle maneuvers at intersections and on roadways.

## Description

These signs are the most readable on the market because they are built with high-quality components such as LEDs specially designed for road traffic and a unique constant current modular power system that eliminates flickering. Orange Traffic's lane control signs also enable energy cost savings because they consume up to 90% less electricity than conventional fibre optic signs. Furthermore, their components are designed to facilitate installation, maintenance and upgrading and therefore lower operating costs. Finally, it is also possible to reuse the enclosure and wiring and replace only the front (LED) panel. The wiring may be installed in the panel itself or consolidated with other power supplies in a more accessible area to minimize traffic disturbances during maintenance operations. Orange Traffic offers an array of standard LED panels and several messages can be combined in a single panel. However, thanks to their modular design, these panels are easily adaptable to your requirements, and Orange Traffic is also able to design special or oversized panels. Feel free to inform us about your specific needs.

## 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:
  - o 710 x 710 mm (28 x 28") for 600-mm (24") messages
  - o 710 x 965 mm (28 x 38") for 750-mm (30") messages
- 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)
  - SPC-22 programmable clock, allowing for the panel's autonomous operation according to pre-established schedules
- Dry contact for the confirmation or display control alarm of each message and for interlocking two contiguous messages without additional material
- 4.8-mm (3/16") thick UV-resistant front lens for longer LED life

