

LED Lane Control Sign

Specifications

Dimming Modes:

Extremely flexible dimming modes to meet the needs of various situations (retrofits, new installations, etc.)

- 50% instantaneous or timed fixed dimming using an external photoelectric cell
- Programmable gradual dimming (1,000 increments) using an external photoelectric cell
- Gradual dimming (1,000 increments) according to the brightness of ambient light using a built-in photoelectric cell
- Gradual dimming (1,000 increments) of a set of panels from a master panel controlled by an internal or external photoelectric cell (ensures uniform brightness of all panels making up the set)
- Permanent fixed dimming (60%)

Optional accessory

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

Display modes

The flashing modes are incorporated and synchronized. Several display options are available:

1. Constantly lit
2. Flashing every 250 ms
3. Flashing every 500 ms
4. Flashing every 1 s
5. Constantly unlit
6. Wig-wag flashing every 250 ms
7. Wig-wag flashing every 500 ms
8. Wig-wag flashing every 1 s

Technical characteristics

- Waterproof aluminium enclosure that meets NEMA requirements for type 4 enclosures
- Compliance with ITE requirements applying to LED road signs
- Exterior dimensions: 710 x 710 mm (28 x 28 in.) for 600 mm (24 in.) messages
710 x 965 mm (28 x 38 in.) for 750 mm (30 in.) 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.



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 regular 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