Reserved Bus/Taxi Lane Sign

Modular components make it possible to create panels that meet your needs and specifications.

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

Main characteristics

- Possibility of displaying up to 6 messages on each panel
- One power supply module per message
- Energy consumption reduced by 90% compared to conventional fiber optic panels
- Tool-less replacement of the removable access door and all main parts for easy upgrading and
- maintenance
- Possibility of reusing the enclosure and wiring and replacing only the front panel (LED) to reduce
- costs
- 100% compatible with traffic signal conflict monitors
- Front lens measuring 4.8 mm (3/16 in.) in thickness and UV resistant for longer LED life
- Automatic dimming based on ambient light conditions for longer LED life
- 10-position 1 mA calibration switch reducing LED degradation
- Most parts interchangeable among STI-Tassimco's LED panels
- Remote display monitoring circuit with transmission of alarm signals
- No electromechanical parts (relays, transformers, etc.) for increased reliability
- Visor measuring 300 mm (12 in.) in depth for improved visibility in direct sunlight
- Possibility of connecting a SPC-22 GPS monitoring module directly in the panel

Functional characteristics

- Waterproof aluminum enclosure that meets NEMA requirements for type 4 enclosures
- Compliance with Institute of Transportation Engineers (ITE) requirements applying to LED road signs
- Exterior dimensions:
  - 710 x 710 mm (28 x 28 in.) for 600 mm (24 in.) messages and
  - 710 x 965 mm(28 x 38 in.) for 750 mm (30 in.) messages
- Depth: 203 mm (8 in.)
- Supply voltage: 117 VAC/60 Hz
- Maximum power: 30 W
- LEDs of stable brightness and chromaticity between 90 and 135 VAC and between -30 and +40°C
- Power supply module pluggable in a standard bay that can be mounted in the panel directly or in a
- control cabinet (for easier access)
- Power supply module capacity: 25 W with LED indicators (lit – dimmed – alarm)