

## Polycarbonate Vertical Signal

### Orange Traffic

Orange Traffic sells polycarbonate-framed vertical traffic signals with three to six 300-mm sections.



## Description

Traffic signals are crucial for safety at intersections. Being made in polycarbonate has many benefits:

- Lighter to increase lifetime of infrastructure supporting
  - 4 sections: 16.3 kg (36 lbs) compared to 33 kg (72.6 lbs) in aluminum
  - 5 sections: 20.4 kg (45 lbs) compared to 39 kg (85.8 lbs) in aluminum
- Increasing safety of technicians at installation and maintenance

## Specifications

### FRAME

- Rigid moulded polycarbonate signal head compliant with the ST-017B standard. Blemish-free parts (no cracks, burrs, pits, etc.)
- Signal head coated with black enamel at the front and grey enamel at the back (unless otherwise specified)
- 100-mm background plate around the signal's edge. May be covered with an optional yellow reflective foil
- Stainless steel exterior hardware

### OPTICAL UNITS

- 3 to 6 optical units (LEDs or incandescent lamps) compliant with the latest version of the ITE standard
- Optical units comprising an enclosure with access door and visor
- Access doors equipped with swing-away augers and thumb nuts that are easy to open without requiring specialized tools
- LED or polycarbonate lens, round, prismatic and convex, of green, yellow or red colour in compliance with the latest versions of ITE standards

- Lined access door and lens that are fully dustproof, waterproof and weatherproof
- Cap-type one-piece visor in round or square polycarbonate depending on the signal
- Optical unit set mounted to the frame at both ends

#### **ELECTRICAL HOOK-UP**

- Terminal block set in the enclosure adjacent to the sleeve colour-coded to identify each supply wire
- 18 gauge AWG 105.C wire

#### **CLAMPING SLEEVE**

- Adjustable sleeve with built-in straps
- Equipped with 2 mounting bolts and 2 levelling bolts allowing for an adjustment of  $\pm 5\%$  with the tongue's axis outside of the cap
- May accommodate a tongue measuring 100 mm in diameter by 300 mm in length

---

**For more information: 1 800 363-5913**

Created on 04.05.2024 at 20:22:10 EDT