## Orongetraffic ${ }^{〔}$

## Polycarbonate Vertical Signal

## Orange Traffic

Orange Traffic sells polycarbonate-framed vertical traffic signals with three to six $300-\mathrm{mm}$ 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 $33 \mathrm{~kg}(72.6 \mathrm{lbs}$ ) in aluminum
- 5 sections: 20.4 kg ( 45 lbs ) compared to $39 \mathrm{~kg}(85.8 \mathrm{lbs})$ 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 $\mathbf{1 0 0} \mathbf{~ m m}$ in diameter by $\mathbf{3 0 0} \mathbf{~ m m}$ in length

