

Traffic Signals

Features & Benefits

Unique design and technological advantages make Oriux Signals "Best in class"

Polycarbonate Signals

- Unaffected by scratches
- Impregnated color means that they never need painting
- Impervious to corrosive atmospheres
- One-piece doors, grooved.
- Simple alignment and positive locking in 5 degree steps
- Ribbed for structural stability
- Reinforced plates available
- Adaptable to span wire or mast suspension
- Universal vertical and horizontal ready mounting arrangement
- Exterior hardware in stainless steel available
- LED ready or equipped with reflectors
- Weatherproof and dust tight one piece doors plus gasket
- Fifty percent lighter than aluminum

Aluminum Signals

- Equipped with exterior stainless-steel hardware
- Doors and lens gaskets make the signal weatherproof and dust-tight
- Integral visor rims prevent leakage
- Available reflectors in Alzak®
- The lamp receptacle can be rotated 360 degrees for filament alignment
- Integral locking rings included
- Adaptable for span wire, mast arm suspension, side pole or post top mounting



Specifications

Polycarbonate

Material	Ultraviolet-stabilized polycarbonate resin. Stainless steel exterior hardware. Couplers are standard steel-zinc, but a stainless steel option is available.
Reflector	Snap-out assembly. Swing out frame. Lane control uses a standard reflector.
Lamp receptacle	Heat-resistant molded phenolic, Rotatable through 360°. Pre-wired with 26" #18 AWG 105°C type TEW color-coded leads with Quick-disconnect terminals
Wire opening between sections	Accommodates three 3/4" diameter cables
Terminal Block	1-section 2-point 2-section 3-point 3-section 5-point 4-section 5-point 5-section 5-point, and 5 point
Signal alignment	Integral 72-tooth serrated adjustable in 5 steps.
Weight	8" (200mm) LED-Ready Section = 1.85 lb (0.84kg) 12" (300mm) LED-Ready Section = 3.15 lb (1.43kg)
Overall dimension	8"(200mm) Section = 9.75"W x 10"Hx 6.16"D 12"(300mm) Section = 13.5"W x 13.44"H x 6.44"D

Aluminium

Material	Die-cast aluminum alloy housing and door. Stainless steel exterior hardware. Couplers are standard steel-zinc, but a stainless steel option is available.
Finish	Electrostatically applied powder coat with five stage iron phosphate treatment.
Reflector	Snap-out assembly. Swing out molded frame. Lane control uses a standard reflector
Lamp receptacle	Heat-resistant molded phenolic, Rotatable through 360°. Pre-wired with 26" #18 AWG 105°C type TEW color-coded leads with Quick disconnect terminals
Wire opening between sections	Accommodates three 3/4" diameter cables
Terminal Block	1-section 2-point 2-section 3-point 3-section 5-point 4-section 5-point, 2-point 5-section 5-pointx2, and 3-point
Signal alignment	Integral 72-tooth serrated adjustable in 5° steps.
Weight	8" (200mm) LED-Ready Section = 4.2 lb. (1.9 kg) 12" (300mm) LED-Ready Section = 5.5 lb. (2.5 kg)
Overall dimension	8"(200mm) Section = 9.75"W x 10"Hx 6.16"D 12"(300mm) Section = 13.5"W x 13.44"H x 6.44"D

Poly and Aluminum signals are also available with LED ready Weights do not include hardware modifications. Door only, no visors.