



Peek Vehicular Signals

Traffic Control

Polycarbonate

The lightweight, one-piece housings, doors, and visors are of ultraviolet-stabilized polycarbonate resin. The housings are injection molded with integral top, bottom, and sides. Color is impregnated in the material, which means it never needs painting, is unaffected by scratches, and is impervious to corrosive atmospheres (such as that found in coastal areas).

Doors are one-piece and are grooved to accommodate a one-piece gasket which makes the signal weatherproof and dust-tight. The lens is held in the door by a gasket, four stainless steel screws and clips.

Reflectors are available in Alzak® and have snap-out assembly and quick disconnect leads for easy maintenance. The lamp receptacle can be rotated 360° for filament alignment. To simplify alignment of the signal and assure positive locking, integral locking rings are adjustable in 5 degree steps.

Ribbing is provided on top and bottom for structural stability, with additional ribs inside the housing. Reinforcement plates for top and bottom are offered at an additional cost, to provide even more stability.

All sections have cored holes for mounting back-plates and all major components are interchangeable with Traffic Control Technologies' aluminum signals. The signals are adaptable for span wire or mast arm suspension, side of pole, or post top mounting. Being 50% lighter than aluminum signals makes them especially suitable for span wire mounting.

Vertical and horizontal mounting is provided for by a universal mounting arrangement. All exterior hardware is stainless steel, including the hinge pins used for reinforcement in the hinge lugs.



Polycarbonate Vehicle Signals

Aluminum

The lightweight aluminum housings, visors, and doors are equipped with exterior stainless steel hardware. Door and lens gaskets make the signal weatherproof and dust-tight, while the integral visor rims prevent light leakage.

Reflectors are available in Alzak®. The lamp receptacle can be rotated 360° for filament alignment and has quick disconnect leads for easy maintenance. To simplify alignment of the signal and assure positive locking, integral locking rings are included to provide adjustments in 5° steps. Vertical and horizontal mounting is provided for by a universal mounting arrangement. The signals are adaptable for span wire or mast arm suspension, side of pole, or post top mounting.

One Year Limited Warranty

Peek Traffic warrants these products against manufacturing defects in materials and workmanship for one year from date of shipment from the Peek Traffic factory. Specific contracts and regional laws may vary or alter these terms.

Peek Traffic products are protected by one or more U.S. and international patents.

* For specific warranty information, contact your local Peek Traffic product representative or the Peek Signals Division.

Aluminum Specifications

| Property | Description | | | | | | | | | | |
|-------------------------------|--|-----------|---------|-----------|---------|-----------|---------|-----------|------------------|-----------|------------------------|
| 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 | <table border="0"> <tr> <td>1-section</td> <td>2-point</td> </tr> <tr> <td>2-section</td> <td>3-point</td> </tr> <tr> <td>3-section</td> <td>5-point</td> </tr> <tr> <td>4-section</td> <td>5-point, 2-point</td> </tr> <tr> <td>5-section</td> <td>5-point×2, and 3-point</td> </tr> </table> | 1-section | 2-point | 2-section | 3-point | 3-section | 5-point | 4-section | 5-point, 2-point | 5-section | 5-point×2, and 3-point |
| 1-section | 2-point | | | | | | | | | | |
| 2-section | 3-point | | | | | | | | | | |
| 3-section | 5-point | | | | | | | | | | |
| 4-section | 5-point, 2-point | | | | | | | | | | |
| 5-section | 5-point×2, and 3-point | | | | | | | | | | |
| Signal alignment | Integral 72-tooth serrated locking ring. Adjustable in 5° steps. | | | | | | | | | | |
| Overall dimensions | <p><u>8"(200mm) Section</u> 9.75"W x 10.00"H x 6.16"D (248mm x 254mm x 156mm)</p> <p><u>12"(300mm) Section</u> 13.25"W x 13.44"H x 6.44"D (337mm x 341mm x 164mm)</p> <p><u>Lane Control Section</u> 13.50"W x 13.50"H x 9.75"D (343mm x 343mm x 248mm)</p> | | | | | | | | | | |
| Weight | <p><u>8" (200mm) LED-Ready Section</u> 4.2 lbs. (1.9kg)**</p> <p><u>12" (300mm) LED-Ready Section</u> 5.5 lbs. (2.5kg)**</p> <p><u>Lane Control Section</u> 19.25 lbs. (8.7kg)</p> | | | | | | | | | | |

Polycarbonate Specifications

| Property | Description | | | | | | | | | | |
|--------------------------------|---|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------------------|
| Material | Ultraviolet-stabilized polycarbonate resin (having a minimum thickness of 0.100 inches), 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 openings between sections | Accommodates three 3/4" diameter cables | | | | | | | | | | |
| Terminal block | <table border="0"> <tr> <td>1-section</td> <td>5-point</td> </tr> <tr> <td>2-section</td> <td>5-point</td> </tr> <tr> <td>3-section</td> <td>5-point</td> </tr> <tr> <td>4-section</td> <td>5-point</td> </tr> <tr> <td>5-section</td> <td>5-point and 5-point</td> </tr> </table> | 1-section | 5-point | 2-section | 5-point | 3-section | 5-point | 4-section | 5-point | 5-section | 5-point and 5-point |
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| 2-section | 5-point | | | | | | | | | | |
| 3-section | 5-point | | | | | | | | | | |
| 4-section | 5-point | | | | | | | | | | |
| 5-section | 5-point and 5-point | | | | | | | | | | |
| Signal alignment | Integral 72-tooth serrated locking ring, Adjustable in 5° steps | | | | | | | | | | |
| Overall dimensions | <p><u>8"(200mm) Section</u> 9.75"W x 10.00"H x 6.16"D (248mm x 254mm x 156mm)</p> <p><u>12"(300mm) Section</u> 13.25"W x 13.44"H x 6.44"D (337mm x 341mm x 164mm)</p> <p><u>Lane Control Section</u> 13.50"W x 13.50"H x 9.75"D (343mm x 343mm x 248mm)</p> | | | | | | | | | | |
| Weight | <p><u>8" (200mm) LED-Ready Section</u> 1.85 lbs. (0.84kg)**</p> <p><u>12" (300mm) LED-Ready Section</u> 3.15 lbs. (1.43kg)**</p> | | | | | | | | | | |

* Weights do not include hardware modifications. Door only, no visors.



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