

**Product Evaluation**

**RE: Review of McCain Traffic Signal Housing - 8"/12" Aluminum & Polycarbonate**

**PRODUCT INFORMATION**

Product Name: McCain Traffic Signal Housing - 8"/12" Aluminum & Polycarbonate	Manufacturer: McCain Inc., Vista, California
Website: <a href="https://www.mccain-inc.com/">https://www.mccain-inc.com/</a>	Supplier: Innovative Traffic Solutions, Inc., Stoney Creek, ON

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS**

SWARCO McCain, Inc.'s Traffic Signal Housings provides a durable and low-maintenance housing for standard LED modules as well as incandescent optical assemblies. The housings are compliant with multiple agency standards including the Institute of Transportation Engineers, and most state Departments of Transportation. An industry leader in signal manufacturing and supply, SWARCO McCain, Inc. offers an extensive range of materials, configurations, and accessories, including backplates, visors, and signal assemblies, to meet your traffic signal requirements.

**DESCRIPTION**

The McCain Traffic Signal Housing is modular in design, allowing a multitude of signal configurations for standard LEDs as well as McCain incandescent optical assemblies. Available in polycarbonate and aluminum, each section is injection molded or cast in one piece. Reinforcement ribs and serrated ports, both top and bottom, provide strength and positive locking with other sections and mounting hardware. Positive latching of doors is achieved with stainless steel eyebolts and wing nut assemblies, and the doors feature four metal threaded inserts for visor attachment. A positive seal is assured with an EPDM rubber gasket creating a moisture-free and dust-tight atmosphere. McCain Traffic Signal Housings are compatible with SWARCO McCain, Inc.'s backplates and visors, available in both aluminum and ABS. The top and bottom ports allow installation into many framework mounting assemblies.

**POTENTIAL USAGE**

Highway Intersection Traffic Signals.

**STANDARDS**

Not provided

**ALBERTA TRANSPORTATION COMMENTS**

**EXPERIENCE**

Transportation and Economic Corridors has no experience with this product.

**APPLICABLE STANDARDS**

Standard Specification for Highway Construction: 2.26.4.6 Traffic Signal Controller Unit and Cabinet

**RECOMMENDATIONS**

McCain Traffic Signal Housing - 8"/12" Aluminum & Polycarbonate be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Traffic/Pedestrian signal Housing – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

**RESTRICTIONS ON USE**

Caveat:

**TRIAL PROJECTS**

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