

Injection Molded (IM) Channel Letters Specifications

Rev. 3/18/15

Part I – General

1.1 Scope

A. Furnish letters necessary to install Injection Molded (IM) Channel Letters shown on drawings and herein specified.

1.2 Submittals

A. Manufacturer's illustrated product literature and specifications.

1.3 Quality Assurance

A. Manufacturer to have a minimum of 20 years experience in manufacturing letters.

B. All letters to be manufactured by one manufacturer.

Part II – Products

2.1 Acceptable Manufacturer or Manufacturer's Representative

A. Gemini Incorporated
103 Mensing Way
Cannon Falls, MN 55009
Phone: 800-538-8377 or 507-263-3957
Fax: 800-421-1256 or 507-263-4887
Email: sales@geminishignproducts.com
Web: www.geminishignproducts.com

2.2 Materials (UL & CSA approved Plastic)

A. Artek® a recyclable, patent-pending polymer, is injection molded into precise custom tooled molds.

2.3 Artek has the following specific characteristics:

A. Artek is an engineering grade performance polymer that has been tested and approved by UL & CSA.

B. UL and Impact tested from -31° F to 187° F. Consistent wall thickness of .150".

C. Arcing and Corrosion Resistant

1. Non-conductive Artek plastic, eliminates arcing in neon installations. Neon can be placed 1/8" from sides without arcing.

3. Resistant to salts, acids and oils. Will not corrode, tarnish or rust.

4. UL and CSA recognized components for use in lit letters (Neon or LEDs).

D. Gemini's IM Channel Letters meet or exceed: UL 48 for electric signs, UL 746c for weatherability and UL94v-0 certification.

E. Letters styles available in two fonts, Helvetica & Times Bold. Sizes ranging from 9" to 24". All IM Chan letters are 5" deep. Both styles available with Acrylic/GemTrim faces. Replacement faces are an exact fit, every time.

F. IM Channel Letters standard with pre-primed white cans. Can be painted any standard or custom color.

G. Gemini Lit letters are available with optional LEDs & Power Supplies (see Lit IM Channel Letters).

2.4 Lit IM Channel Letters

A. IM Channel Letters are available face lit with 12v DC UL certified LEDs and power supplies.

1. UL Listed Sign Section Labels (LEDs + Class 2 power supplies + Lead wires (cables) + Wiring diagrams + Installation instruction included.

2. Translucent acrylic faces with GemTrim applied. Available in any standard face or trim colors (per catalog).

2.5 Mounting Hardware

A. Gemini recommends mounting channel letters to a raceway, bottom rail, or direct to the wall (hardware to be provided by Installer). Channel faces must be secured to cans with metal screws per UL requirements.

2.6 Manufacture

A. Letters shall be made of Artek plastic.

B. Letter shall be _____ letter style and shall be _____ inches high, as indicated on the drawings.

C. Letters (with or without LEDs), and power supplies.

Part III – Execution

3.1 Installation

A. A qualified installer shall install IM Channel letters. Experienced installers must complete all electrical work, and comply with all UL, Local and National NEC codes. Gemini Channel Letters are available with or without LEDs.

B. Mounting patterns are not available. Full-size plot drawings are available for spacing purposes. Free tracings of the individual cans are available to aid in neon placement.

C. Gemini IM Channel Letters are available as UL Listed sign sections when supplied with UL Approved LEDs and power supplies. UL Label location to be specified by customer.

3.2 Warranty

A. Letter Face and Cans should be guaranteed for the life of the business against defects.

B. LEDs and Power Supplies carry their own manufacturer's individual warranties.

3.3 Maintenance

A. Cleaning of Letter Cans and Faces as needed, per manufacture's recommendations.

B. All electrical or LED repair to be performed by qualified electrical contractor.