

rayolite® Specifications

**HALLEN
PRODUCTS**
LIMITED

Model H1010HP High Profile – Narrow

Two-Way, All Weather, Snowplowable, Raised Reflective Pavement Marker

4500 N. Sam Houston Parkway W.
Building A, Suite 120
Houston, Texas 77086

Phone: (281) 617-2240
Toll Free: (800) 848-7025
Fax: (281) 583-1506

Description

Marker consists of Iron casting to which is attached a replaceable Rayolite #2004 Snowplowable Marker Insert for reflecting light from a single or opposite directions. Reflector features:

- Optic grade Methyl Methacrylate
- Abrasion-resistant lens hardcoat

All aspects of reflector installation are factory controlled to insure proper adhesion to casting.

Dimensional Details

Overall Dimensions are approximately:

- 10 inches long
- 4.9 inches wide
- 1.90 inches high
- Installed height is approximately .410 inches above road surface

Material

Nodular Iron, conforming to Specification ASTM A536-84 Hardened to 52-54 Rockwell "C"

Surface

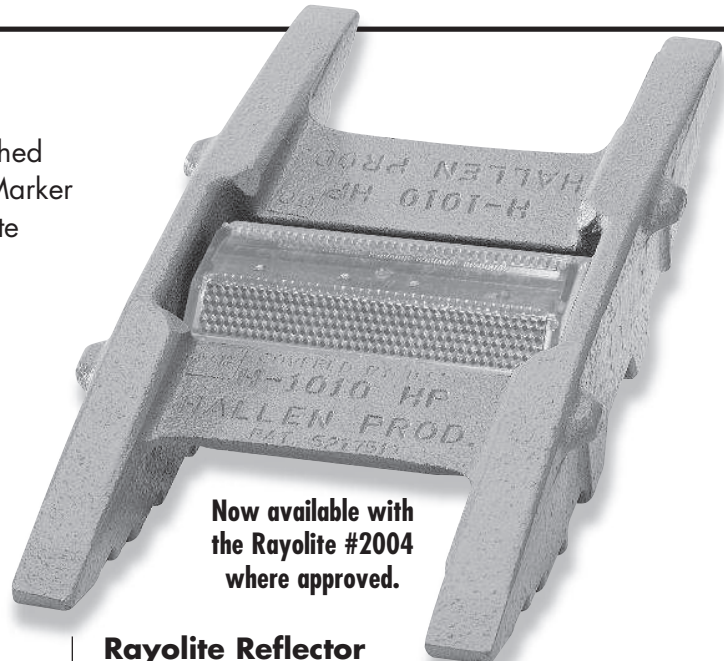
Surfaces of casting shall be free of scale, dirt, rust, oil, grease or any other contaminant which may reduce its bond to the installation adhesive.

Weight

Approximately 5.8 pounds each.

Identification

Casting is marked with manufacturer's name and model number of marker.



Rayolite Reflector

Design and Fabrication

Construction Details:

- Molded with optic grade Methyl Methacrylate, filled with adherent thermosetting compound, with filler designed for impact and wear resistance.
- Dimensions are 4 inches long (101.6 mm) by 2 inches wide (50.8 mm) and 0.467 inches high (11.86 mm)
- Face Angle: 32%
- Reflective Area: 2.0 in²
- Pad Thickness: .035"

Rayolite Optical Performance

(0.2° observation angle; measured in cd/ftcd)

Entrance Angle	0°	20°
White	3.0	1.2
Amber	1.8	.72
Red	.75	.30

Note

Rayolite Snowplowable Marker #2004 is provided in new Hallen Products castings and can also be applied as replacement markers in most other castings. The #2004 markers are manufactured with an adhesive layer and peel-away liner and can be installed in existing castings using Liquid Nails LN-602 adhesive.