

**SECTION 10 14 43
PHOTOLUMINESCENT SIGNAGE**

PART 1 GENERAL

1.01 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- B. ASTM E2072 - Standard Specification for Photoluminescent (Phosphorescent) Safety Markings; 2024.
- C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.
- D. NFPA 170 - Standard for Fire Safety and Emergency Symbols; 2021.
- E. UL 1994 - Luminous Egress Path Marking Systems; Current Edition, Including All Revisions.

PART 2 PRODUCTS

2.01 REGULATORY REQUIREMENTS

- A. Accessibility Requirements: Comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most restrictive requirements.

2.02 PHOTOLUMINESCENT SIGNS

- A. Photoluminescent Signage Type _____:
 - 1. Comply with NFPA 170, UL 1994, and ASTM E2072.
 - 2. Application: Stair identification.
 - 3. Size: 5 inches by 5 inches.
 - 4. Thickness: 1/8 inch.
 - 5. Mounting: Peel-and-stick.
 - 6. Symbol: Running man right.
 - 7. Material: Photoluminescent pigment on powder coated aluminum substrate.
 - 8. Tactile Letters: Raised 1/32 inch minimum.
 - 9. Braille: Grade II, ADA-compliant.

2.03 PHOTOLUMINESCENT EGRESS PATH MARKINGS

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that substrate surfaces are ready to receive work.
- B. Notify Architect if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install with horizontal edges level.
- C. Locate photoluminescent signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.
- D. Protect from damage until mm-dd-yyyy; repair or replace damaged items.

END OF SECTION 10 14 43