

**SECTION 26 5213**

**PHOTOLUMINESCENT EXIT SIGNS**

**PART 1 GENERAL**

1.1 SUMMARY

- A. Section Includes:
  - 1. Photoluminescent exit signs.
- B. Related Sections:
  - 1. Division 01: Administrative, procedural, and temporary work requirements.
  - 2. Section 10 1443 - Photoluminescent Egress Path Markings.
  - 3. Section [\_\_ \_\_\_\_ - \_\_\_\_]: Lighting fixtures.

1.2 REFERENCES

- A. National Fire Protection Association (NFPA) ([www.nfpa.org](http://www.nfpa.org)) 101 - Life Safety Code.
- B. Underwriters Laboratories, Inc. (UL) ([www.ul.com](http://www.ul.com)) - 924 - Standard for Emergency Lighting and Power Equipment.

1.3 QUALITY ASSURANCE

- A. Provide exit signs in accordance with [NFPA 101.] [Building Code.]

1.4 SUBMITTALS

- A. Submittals for Review:
  - 1. Shop Drawings: Indicate exit sign locations, mounting heights, and attachments.
  - 2. Product Data: Include product description, materials, finishes, and performance characteristics.
  - 3. Samples: One full size exit sign. [Sample will be returned for installation on project.]

1.5 DELIVERY, STORAGE AND HANDLING

- A. Store exit signs in dry location until installed.

**PART 2 PRODUCTS**

2.1 MANUFACTURERS

- A. Contract Documents are based on products by Jessup Manufacturing Company. ([www.jessupmfg.com](http://www.jessupmfg.com))
- B. Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 MANUFACTURED UNITS

- A. Photoluminescent Exit Signs:
  - 1. Product: Glo Brite Eco Exit PF100.
  - 2. Description:
    - a. Self-contained, not requiring external power supply, absorbing and storing energy from ambient LED, fluorescent, metal halide or mercury vapor light.

- b. Non-toxic, non-radioactive.
- c. High-visibility green illumination.
- d. Listed to UL 924.
- 3. Mounting type: [Wall.] [Ceiling.] [Projected.] [Stem.] [As indicated in Exit Sign Fixture Schedule at end of Section.] [As indicated on Drawings.]
- 4. Mounting brackets: Manufacturer's standard, black, red, green, white color.

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- 5. Conduit brackets: Manufacturer's standard.
- 6. Construction: photoluminescent panel.
- 7. Frame color: [Black.] [Red.] [Green.] [White.]
- 8. Directional arrows: Field Installed, chevron profile, for field adjustment.
- 9. Sign size: 15-3/8" x 8-3/4" x 3/4" thick.
- 10. Lettering: "EXIT" in 7 inch high letters with 7/8 inch stroke.
- 11. Performance characteristics:
  - a. Meet NFPA 101 requirements for internally illuminated exit signs.
  - b. Visible at 100 feet in total darkness.
  - c. Tested by UL; listed to UL 924.
  - d. Service life: Minimum 25 years.
  - e. Suitable for floor proximity installation

### 2.3 ACCESSORIES

- A. Fasteners: Type best suited to application.

## PART 3 EXECUTION

### 3.1 INSTALLATION

- A. Install signs in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Locate signs to conform to [Building Code.] [NFPA 101.]
- C. Field applied directional arrow chevrons to suit project requirements.
- D. Set signs plumb, level, and rigid.
- E. Attach signs to supporting construction.

### 3.2 SCHEDULE

SIGN DESIGNATION	SIGN TYPE	MOUNTING TYPE
ES-1	Double sided	Projected
ES-2	Single sided	Wall
ES-3	Single sided	Ceiling

END OF SECTION