

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) 101 - Life Safety Code.
- B. Underwriters Laboratories, Inc. (UL) (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)
- B. Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 MANUFACTURED UNITS

- A. Photoluminescent Exit Signs:
 - 1. Product: Glo Brite Eco Exit PM100.
 - 2. Description:
 - a. Self-contained, not requiring external power supply, absorbing and storing energy from ambient fluorescent, LED and natural sunlight.

- b. Non-toxic, non-radioactive.
 - c. High-visibility green illumination and 100 ft. viewing distance
 - d. UL approved for use in interior or exterior locations.
 - e. UL approved for use outdoors and wet locations.
 - f. 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 color.

**** OR ****

- 5. Conduit brackets: Manufacturer's standard.
- 6. Construction: Cast photoluminescent panel.
- 7. Frame color: [Black.] [Red.] [Green.] [White.]
- 8. Directional arrows: Pop-out type, chevron profile, for field adjustment.
- 9. Sign size: 8-5/8 x 15-7/8 inches x 3/8 inch 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. Listed at 100 ft. viewing distance
 - c. Tested by UL; listed to UL 924.
 - d. Service life: Minimum 25 years.
 - e. Listed for use in outdoor and wet locations.

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. Remove 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