

SECTION 26 5213

PHOTOLUMINESCENT EXIT SIGNS

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by one of the following methods:

Microsoft Word 2007: Click the OFFICE button, select WORD OPTIONS, select DISPLAY, then select or deselect the HIDDEN TEXT option.

Microsoft Word (earlier versions): From the pull-down menus select TOOLS, then OPTIONS. Under the tab labeled VIEW, select or deselect the HIDDEN TEXT option.

Corel WordPerfect: From the pull-down menus select VIEW, then select or deselect the HIDDEN TEXT option.

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 P50.
 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

**** OR ****

5. Conduit brackets: Manufacturer's standard.
6. Construction: Photoluminescent panel.
7. Frame color: [Black.][Aluminum][Acrylic/Aluminum]
8. Directional arrows: Field Installed, chevron profile, for field adjustment.
9. Sign size: 13" x 7.5" x .075" 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 50 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