



IMZI.SA44095 Luminous Egress-path-marking Systems

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Luminous Egress-path-marking Systems

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SA44095

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Photoluminescent Floor proximity egress path marking systems, Model(s) 4211C (PLS110), 4010C(PLS110C), R-300-PL-100, P-3310-PL-100, R-315-PL-100, RS405L-PL-100, RS-405LP-PL-100, 4171, 4120, 4199, 8120, 4120L-PL-100, 8120L-PL-100 and DXH-330-PL-100

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USE AND INSTALLATION

This category covers floor-proximity and other egress-path-marking and lighting systems intended to visually identify the path of egress and significant egress-path features, such as doors, stair banisters, obstacles, or information placards.

These products are intended for installation and use in accordance with the applicable building and fire safety codes, such as ANSI/NFPA 101, "Life Safety Code," ANSI/NFPA 5000, "Building Construction and Safety Code," and the "International Building Code." Electrical products have additionally been investigated with reference to risk of fire or injury due to electric shock, and for conformity to the installation and use provisions of ANSI/NFPA 70, "National Electrical Code."

Path-marking systems intended to be installed on the floor have additionally been subjected to commercial cleaning operations representative of those specified in the manufacturer's instructions. Path-marking-system components intended to be installed on a stair nosing have additionally been subjected to a slip-resistance investigation and are permitted to be marked "Suitable for Stair Nosings," or equivalent wording.

Photoluminescent products may include adhesive-backed or mechanically secured, rigid or flexible tapes or sheet materials for field application in accordance with the manufacturer's instructions. Paint or pigment material must be pre-applied (at the manufacturing facility) to a substrate; field application of photoluminescent pigment (by painting, spraying, or similar method) directly to building materials or surfaces is not permitted due to uncontrolled application variables deemed significant for product performance. Photoluminescent products require exposure to light for activation of their luminescent properties, and their instructions identify the minimum amount and type of illumination to achieve their full intended functionality.

Self-luminous products, typically containing tritium gas, are marked with a replacement date, and must also comply with the requirements of the United States Nuclear Regulatory Commission for Generally Licensed Devices.

Electrically powered systems are intended to be connected to (or supplied with) an emergency source of power.

PRODUCT IDENTITY

One of the following product identities appears on the product:

Luminous Egress-path Marker

Luminous Egress-path-marking System

ADDITIONAL INFORMATION

For additional information, see Building Materials ([AABM](#)).

REQUIREMENTS

The basic standard used to investigate products in this category is [ANSI/UL 1994](#), "Luminous Egress Path Marking Systems."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The [Certification Mark](#) for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Alternate UL Mark

The Listing Mark of UL on the product is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and the product name "Luminous Egress-path-marking System" or "Luminous Egress-path Marker."

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