



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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## Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 302-05-M Vol. 2

**Manufacturer:** American PERMALIGHT, Inc., 2531 West 237<sup>th</sup> Street, #113, Torrance, CA 90505

**Trade Name(s):** PERMALIGHT<sup>®</sup> Rigid Aluminum 0.7 mm; 81-60007

**Product:** UV-rated photoluminescent exit path markings

**Pertinent Code Section(s):** §27-131.1, 27-383(b), Reference Standards RS 6-1 and RS6-1A

**Prescribed Test(s):**

1. Brightness Ratings – ISO 17398:2004
2. Washability ASTM D 4828-1994 (2003)
3. Toxicity Bombardier SMP 800-C
4. Radioactivity ASTM D 3648-2004
5. Flame Spread ASTM D 635-2003
6. UV Degradation ASTM G 155-2004

**Laboratory:** California Institute of Electronics and Materials Science (CIEMS) – Tests: 1. & 4. & 6  
Bodycote – Tests: 2. & 3. & 5

**Test Report(s):** CIEMS – Brightness Test Report: 950280813, issued August 31, 2005. Bodycote – Washability Test Report: 05-04-2105-1-1, dated August 18, 2005. Bodycote – Toxic Gas Generation Test Report: 05-02-509(D3), issued July 12, 2005. CIEMS – Radioactivity Test Report: 950070870, issued July 6, 2005. Bodycote – Horizontal Burning Rate Test Report: 05-02-509(D2), issued July 12 2005. Bodycote – Surface Flammability Report: 05-02-509(D1), issued July 12, 2005. CIEMS – UV Degradation Test Report: 950180511-1, issued August 11, 2005.

## Description:

<b>Photoluminescent Signage and Exit Path Markings</b>	<b>Size (height x width)</b>	<b>Model-No.</b>
<b>Name-Change:</b> Man to right + EXIT [Man + EXIT symbol 4" height]	4.5" x 9.5"	86-60287
<b>New:</b>	<b>New:</b>	<b>New:</b>
EXIT THROUGH LOBBY + Man to left + arrow left down [Man symbol + EXIT 4" height; arrow 2 3/4"; THROUGH LOBBY 2" height]	8" x 18"	86-60327
EXIT THROUGH LOBBY + Man to left + arrow left up [Man symbol + EXIT 4" height; arrow 2 3/4"; THROUGH LOBBY 2" height]	8" x 18"	86-60337
EXIT THROUGH LOBBY + Man to right + arrow right up [Man symbol + EXIT 4" height; arrow 2 3/4"; THROUGH LOBBY 2" height]	8" x 18"	86-60347
EXIT THROUGH LOBBY + Man to right + arrow up [Man symbol + EXIT 4" height; arrow 2 3/4"; THROUGH LOBBY 2" height]	8" x 18"	86-60357
EXIT THROUGH LOBBY + Man to right + arrow right [Man symbol + EXIT 4" height; arrow 2 3/4"; THROUGH LOBBY 2" height]	8" x 18"	86-60367
EXIT THROUGH LOBBY + Man to left + arrow left [Man symbol + EXIT 4" height; arrow 2 3/4"; THROUGH LOBBY 2" height]	8" x 18"	86-60377
EXIT THROUGH LOBBY + Man to right + arrow down [Man symbol + EXIT 4" height; arrow 2 3/4"; THROUGH LOBBY 2" height]	8" x 18"	86-60387
FINAL EXIT + Man to left + arrow left [Man symbol + EXIT 4" height; arrow 2 3/4"; FINAL 2" height]	14" x 8"	86-60407
FINAL EXIT + Man to right + arrow right [Man symbol + EXIT 4" height; arrow 2 3/4"; FINAL 2" height]	14" x 8"	86-60417
FINAL EXIT + Man to left + arrow left down [Man symbol + EXIT 4" height; arrow 2 3/4"; FINAL 2" height]	14" x 8"	86-60427
FINAL EXIT + Man to right + arrow right down [Man symbol + EXIT 4" height; arrow 2 3/4"; FINAL 2" height]	14" x 8"	86-60437
FINAL EXIT + Man to left + arrow left up [Man symbol + EXIT 4" height; arrow 2 3/4"; FINAL 2" height]	14" x 8"	86-60447
FINAL EXIT + Man to right + arrow right up [Man symbol + EXIT 4" height; arrow 2 3/4"; FINAL 2" height]	14" x 8"	86-60457
FINAL EXIT + Man to right + arrow straight down [Man symbol + EXIT 4" height; arrow 2 3/4"; FINAL 2" height]	14" x 8"	86-60467
EXIT TO STREET + Man to left + arrow left [Man symbol + EXIT 4" height; arrow 2 3/4"; TO STREET 2" height]	8" x 18"	86-60477
EXIT TO STREET + Man to right + arrow right [Man symbol + EXIT 4" height; arrow 2 3/4"; TO STREET 2" height]	8" x 18"	86-60487
EXIT TO STREET + Man to right + arrow straight up [Man symbol + EXIT 4" height; arrow 2 3/4"; TO STREET 2" height]	8" x 18"	86-60497
EXIT TO STREET + Man to right + arrow straight down [Man symbol + EXIT 4" height; arrow 2 3/4"; TO STREET 2" height]	8" x 18"	86-60507
EXIT TO STREET + Man to left + arrow left up [Man symbol + EXIT 4" height; arrow 2 3/4"; TO STREET 2" height]	8" x 18"	86-60517
EXIT TO STREET + Man to right + arrow right up [Man symbol + EXIT 4" height; arrow 2 3/4"; TO STREET 2" height]	8" x 18"	86-60527
Man to left + EXIT [Man + EXIT symbol 4" height]	4.5" x 9.5"	86-60537
EXIT + Man to left [Man + EXIT symbol 4" height]	4.5" x 9.5"	86-60547
EXIT + Man to right [Man + EXIT symbol 4" height]	4.5" x 9.5"	86-60557

**Notes:** This MEA acceptance shows only the changed and new model numbers in addition to the already original acceptance.

**Terms and Conditions:** The above units are accepted on the following conditions:

1. Pathway markings of green color shall be in compliance with ANSI X535.1 Safety Color Code.
2. Arrows and egress symbols shall comply with ISO 7010 E001, E002, E003, E004.

3. All approved materials shall be labeled and identified with the model number as well as with MEA No. 302-05-M Vol. 2, BR: 36-9-6 UV, in a minimum of six (6) point type with at least one such identification on each piece of material installed in accordance with RS 6-1.
4. No radioactive materials are to be used.
5. All signs and markings shall conform to the pictorial representations submitted with this application.
6. All models directing persons to exits are to be installed at a low location so as not to be confused with other required exit signage.
7. No transparent or translucent overlaminates, varnishes, or other coatings shall be applied to the photoluminescent portions of the marking.
8. This acceptance is limited to the materials used and does not include the installation for compliance with §27-383(b) and Reference Standard 6-1, which is the responsibility of the building owner.
9. All shipments and deliveries of photoluminescent exit path markings shall be provided with a certification from the manufacturer, certifying that the materials shipped or delivered are equivalent to those tested and accepted for use, as provided for in section 27-131 of the Building Code.

Note: Per §27-131(d), all materials tested and acceptable for use, shall be subject to periodic retesting as determined by the Commissioner, and any material, which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner, shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance September 5, 2006  
Examined BY Simon Derphol