



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 398-05-M

Manufacturer: Longlite Technologies AG, Wiler Strasse 207,
Wil CH-9500, Switzerland Tel: 4171-929-
4080 Fax: 4171-929-4081

Trade Name(s): Longlite® 900 Rigid Plate

Product: Photoluminescent signs and markings

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

Prescribed Test(s):

1. - Brightness Rating - 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

Laboratories: California Institute of Electronics & Materials
Science (CIEMS); VTEC Laboratories Inc.

Test Report(s):

1. Brightness: CIEMS Report No. 950280613-4,
August 31, 2005
2. Washability: VTEC Report No. 100-2240-3,
September 6, 2005
3. Toxicity: VTEC Report No. 100-2240-4,
September 7, 2005.
4. Radioactivity: CIEMS Report No. 950390120-1,
September 2, 2005
5. Flame Spread: VTEC Reports No. 100-2240-1,
September 6, 2005.

Description: Longlite® 900 is a photoluminescent film on a PVC substrate. This safety grade photoluminescent material is designed to meet the requirements of RS6-1 NYC LL26.

The following signs and markers are based on Longlite 900

Item Description	Approximate Size, inches	Model- Nr.
Side Edge Stair Marker, LEFT	1 x 3 x 8	90-102L
Side Edge Stair Marker, RIGHT	1 x 3 x 8	90-112R
Side Edge Stair Marker, LEFT	1 x 3 x 8,75	90-122L
Side Edge Stair Marker, RIGHT	1 x 3 x 8,75	90-132R
Side Edge Stair Marker, LEFT	1 x 3 x 10	90-142L
Side Edge Stair Marker, RIGHT	1 x 3 x 10	90-152R
Side Edge Stair Marker, LEFT	2 x 4 x 8	90-162L
Side Edge Stair Marker, RIGHT	2 x 4 x 8	90-172R
Side Edge Stair Marker, LEFT	2 x 4 x 8,75	90-182L
Side Edge Stair Marker, RIGHT	2 x 4 x 8,75	90-192R
Side Edge Stair Marker, LEFT	2 x 4 x 10	90-202L
Side Edge Stair Marker, RIGHT	2 x 4 x 10	90-212R
Guidance.Stripe	1 x 48	90-222
Guidance Stripe	1 x 39	90-232
Guidance Stripe	1 x 24	90-242
Guidance Stripe	1 x 12	90-252
Guidance Stripe	2 x 48	90-262
Guidance Stripe	2 x 39	90-272
Guidance Stripe	2 x 24	90-282
Guidance Stripe	2 x 12	90-292
Warning Stripe	1 x 44	90-302
Warning Stripe	2 x 44	90-312
Warning Stripe	1 x 39	90-322
Warning Stripe	1.2 x 39	90-332
Door Hardware Marking Stripe, directional arrow LEFT	1 x 36	90-342L
Door Hardware Marking Stripe, directional arrow RIGHT	1 x 36	90-352R
Door Hardware Marking Stripe, directional arrow, LEFT	2 x 36	90-362L
Door Hardware Marking Stripe, directional arrow, RIGHT	2 x 36	90-372R
Door Hardware Marking Stripe, EXIT	1 x 36	90-382
Door Hardware Marking Stripe, EXIT	2 x 36	90-392
Door Hardware Marking Stripe, PUSH TO OPEN	1 x 36	90-402
Door Hardware Marking Stripe, PUSH TO OPEN	2 x 36	90-412
Door Hardware Marker, LEFT	4.25 x 9	90-422L
Door Hardware Marker, RIGHT	4.25 x 9	90-432R
Door Handle marker	4 x 4	90-442
NOT AN EXIT sign	6 x 1.5	90-452
NOT AN EXIT sign	10 x 7	90-462
Directional marker - right arrow	4.5 x 8	90-472N
Directional marker - down right arrow	4.5 x 8	90-482N
Directional marker - up right arrow	4.5 x 8	90-492N
Directional marker - up arrow	4.5 x 8	90-502N
Directional marker - down arrow	4.5 x 8	90-512N
Directional marker - up left arrow	4.5 x 8	90-522N

Directional marker - left arrow	4.5 x 8	90-532N
Directional marker - down left arrow	4.5 x 8	90-542N
Directional marker - right arrow	4.5 x 8	90-472P
Directional marker - down right arrow	4.5 x 8	90-482P
Directional marker - up right arrow	4.5 x 8	90-492P
Directional marker - up arrow	4.5 x 8	90-502P
Directional marker - down arrow	4.5 x 8	90-512P
Directional marker - up left arrow	4.5 x 8	90-522P
Directional marker - left arrow	4.5 x 8	90-532P
Directional marker - down left arrow	4.5 x 8	90-542P
FINAL EXIT sign - down right arrow	8 x 14	90-552N
FINAL EXIT sign - down left arrow	8 x 14	90-562N
FINAL EXIT sign - down right arrow	8 x 14	90-552P
FINAL EXIT sign - down left arrow	8 x 14	90-562P
EXIT THROUGH LOBBY - down right arrow	8 x 18	90-572N
EXIT THROUGH LOBBY - down left arrow	8 x 18	90-582N
EXIT THROUGH LOBBY - down right arrow	8 x 18	90-572P
EXIT THROUGH LOBBY - down left arrow	8 x 18	90-582P
EXIT TO STREET sign - down right arrow	8 x 18	90-592N
EXIT TO STREET sign - down left arrow	8 x 18	90-602N
EXIT TO STREET sign - down right arrow	8 x 18	90-592P
EXIT TO STREET sign - down left arrow	8 x 18	90-602P
EXIT sign	4.5 x 9.5	90-612N
EXIT sign	4.5 x 9.5	90-612P
EXIT sign - down right arrow	9 x 10	90-622N
EXIT sign - down left arrow	9 x 10	90-632N
EXIT sign - down right arrow	9 x 10	90-622P
EXIT sign - down left arrow	9 x 10	90-632P

Terms and Conditions: That the above units be accepted on condition that:

1. Pathway markings of green color shall be in compliance with ANSI Z535.1 Safety Color Code.
2. Arrows and egress Symbols shall comply with ISO 7010 E001, E002, E003, and E004.
3. All approved materials shall be labelled and identified with the model number as well as with MEA No 398-05-M and BR 37-9-6: 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. low
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 confuse 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 use 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.

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.

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.

Final Acceptance December 30, 2005

Examined By Simon Derkholan