

**CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 98-04-E  
Report of Material and Equipment Acceptance Division**

**Manufacturer – Way2glo LLC., 2985 East Hillcrest Drive, Suite 107, Thousand Oaks, CA 91362 by: Beijing Yingguangwannian Technology Development Company, #5 Yongfengtun, Yongfengxiang, Haidan, Beijing, China.**

**Trade Name – Way2glo 7001-0, 7002-L, 7003-R, 7004-LR photoluminescent exit signs**

**Product – Photoluminescent (a.k.a. phosphorescent or glow-in-the-dark) exit signs.**

**Pertinent Code Section(s) – Article 7, Subchapter 6, Specifically §27-385(f).**

**Tests – Radioactivity Test (ASTM D3648, ASTM E170, ASTM E1539), Toxicity Test (16 CFR 1500.3 (c)(2)(i)(A), Washability Test (ASTM D4828), Fire Retardancy Test (ASTM D3806), and Visibility Test (DIN Standard 76510).**

**Laboratory - DL Laboratories, MB Research Laboratories, Intertek ETL Semko, and California Institute of Electronics and Materials Science.**

**Test Report(s) – DL Laboratories Report No. DL-14225 dated August 3, 2004, MB Research Laboratories Report No. MB0412542.01 dated September 3, 2004, California Institute of Electronics & Materials Science No. 840380740 dated August 4, 2004; and statements from each laboratory on company stationery.**

**Description – Way2glo 7001-0 (no directional indicators), 7002-L (left directional indicator), 7003-R (right directional indicator), 7004-LR (left/right directional indicators) photoluminescent exit signs require no power source as they are charged by existing building lighting. A proprietary non-toxic, non-radioactive coating on aluminum panels absorbs ambient light and in turn emits a very bright glow from this stored energy. When exposed to a minimum of 5 foot-candles of external fluorescent illumination, they will glow for over 8 hours. They will also absorb light from standard incandescent bulbs or ambient sunlight. They are designed to be a truly fail-safe backup to any electric emergency egress. Letters are 8 inches in height with a 1 inch stroke, red in color and on a photoluminescent background, which complies with Article 7, Subchapter 6 of the New York City Building Code.**

**LIMITATIONS ON USE CONTINUED ON NEXT PAGE  
(NOT FOR USE WHERE EMERGENCY EXIT LIGHTING IS PROVIDED)**

**Note:** Dictionary of Science and Technology, T.C. Collocatta M.A. published 1972 defines: Phosphorescence (Chem.). Greenish glow observed during slow oxidation of white phosphorous in air. (Light) Luminescence which persists for more than 0.1 nanosecs after excitation.

**Luminescence (Light).** Emission of light (other than from thermal energy causes) such as bioluminescence, triboluminescence, galvanoluminescence, photoluminescence, cathodoluminescence, etc.

**Recommendation -** That the above Exit Sign be accepted on condition that all uses, location and installations comply with the New York City Building Code, specifically Section 27-385(f) on condition that:

- (f) Except for buildings not provided with artificial lighting and buildings which maintain one or more auxiliary systems for emergency exit lighting in the event of a public utility failure, there shall be either (1) an illuminated exit sign with the background thereon made of an approved phosphorescent material or (2) a supplemental exit sign made of an approved phosphorescent material with an opaque test and placed adjacent to or as close as possible to such illuminated sign.

**LIMITATIONS ON USE:** The approval of this product is limited to buildings that are not provided with emergency exit lighting such as battery back-up or generators.

All shipments and deliveries of such equipment shall be provided with a metal tag suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance November 22, 2004  
Examined by Donald [Signature]