



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 300-99-E Vol. 6

Manufacturer: Potter Electric Signal Co., 2081 Craig Road, St. Louis, MO 63146-4161

Trade Name(s): Potter

Product: Signal devices for fire alarm control

Pertinent Code Section(s): Subchapter 17 & Reference Standard RS 17-3

Prescribed Test(s): §27-969 (UL 464, UL 1971, UL 1481)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL Release Form Letter dated December 1, 2004.

Description: Strobe lights as follows:

Model No.	Description
SAD-12L	Strobe light 15cd, 75cd on-axis
SAD-24L	Strobe light 15cd, 75cd on-axis
RSD-12L	Strobe light 15cd, 75cd on-axis
RSD-24L	Strobe light 15cd, 75cd on-axis

Ratings:

Model No.	Operating Voltage Range	Average Current	Peak Current	Inrush Current
SAD-12L	9.6 – 13.2 VDC	0.335A at 12V	0.800A at 12V	3.50A at 12V
SAD-24L	19.2 – 26.4 VDC	0.137A at 24V	0.230A at 24V	1.85A at 24V

Note: Model SAD series is identical to the RSD series except SAD is a stand-alone unit, while RSD is intended to be installed with listed audible devices.

Terms and Conditions: The above units are accepted on condition that:

1. All uses, configurations, arrangements and functions, locations and installations comply with the provisions of New York City Building Code, specifically Subchapter 17 and with Reference Standards RS 17-3 through RS 17-3C, inclusive as applicable, including NFPA as appropriate, the UL Listing, the manufacturer's instructions, the Fire Department Directives, and with the New York City Electrical Code.
2. The fire alarm strobe carrying the suffix, "-153075" version shall have a 1/3 hertz flash.
3. The maximum size wiring to all strobes shall be a number 16 AWG.
4. Visual alarm signals shall have the following minimum photometric features:
 - a. The lamp shall be a xenon strobe type equivalent.
 - b. The color shall be unfiltered or clear filtered white light.
 - c. The maximum pulse duration shall be two-tenths of a second (0.2 seconds) with a maximum duty cycle of forty percent (40%). The pulse duration is defined as the time interval between initial and final points of ten percent (10%) of maximum signal.
 - d. The minimum rating for all strobes used under this application shall be 70,000 cp.
 - e. The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz.
 - f. The intensity shall be a minimum of 15 candelas.
5. 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 in Section 27-131 of the New York City Building Code.

Final Acceptance January 4, 2008
Examined By Donald [Signature]