CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7125-0785:0152

CATEGORY: 7125 -- FIRE ALARM DEVICES FOR THE HEARING IMPAIRED

LISTEE: Cooper Wheelock Inc.7246 16th St. E., Ste. 105, Sarasota, FL 34243
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DESIGN: Models *ET70-241575W, ET70-24MCW, ET70-24MCC, ET70-24MCWH, ET70-24MCCH, *ET80-241575W, ET80-24MCW, ET80-24MCWH, *ET90-241575W, ET90-24MCW, ET90-24MCC, ET90-24MCWH, ET90-24MCCH, E70-24MCW, E70-24MCC, E70-24MCWH, E70-24MCCH, E90-24MCW, E90-24MCC, E90-24MCWH, and E90-24MCCH multi-candela speaker/strobes. Models E60-R, E60-W, E60-24MCC-FW, E60-24MCCH-FR, E60-24MCCH-FW, E60EXT-R and E60-EXT-W multi-candela speaker/strobes. May be followed by suffixes to designate lens lettering and plate color. *Lens color may be Clear, Red (R), Blue (B), Green (G), or Amber (A). EXT is an extender ring that mounts behind the speaker. Intended for indoor use only. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING:

Electrical:	16-33 VDC, 25/70 VRMS
Flash rate:	60 flashes/min
Candela:	MCW =15cd,30cd,75cd or 110cd
	MCC =15cd,30cd,75cd or 95cd
	MCWH = 135cd,185cd
	MCCH = 115cd,177cd
	*1575 = 15 cd/75cd on axis

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction. Models followed by W or WH are wall mounts; C or CH are ceiling mounts. All models are for indoor use.

MARKING: Listee's name, model number, electrical and candela rating, and UL label.

APPROVAL: Listed as strobe speakers suitable for the hearing impaired when used in conjunction with separately listed electrically compatible fire alarm control units. For synchronization strobes, Models SM-12/24 or DSM-12/24 synchronized control modules (CSFM Listing No. 7300-0785:132) must be used. Refer to manufacturer's Installation Manual for details.

NOTE: These units do not generate a temporal pattern signal. If the distinctive three- pulse Temporal Pattern Fire Alarm Evacuation signal (for total evacuation) in accordance with NFPA 72, 2002 Edition is required, the appliance must be used with a fire alarm control unit that can generate the temporal pattern signal.

*Rev. 07-30-10 fm

This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other

Date Issued: **July 01, 2014** *Listing Expires* **June 30, 2015**

Authorized By: ***JAMES PARSEGIAN**, Program Coordinator*

Fire Engineering Division