

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



# LISTING SERVICE

**LISTING No.** 7125-0785:0146  
**CATEGORY:** 7125 -- FIRE ALARM DEVICES FOR THE HEARING IMPAIRED

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**LISTEE:** Cooper Wheelock Inc. 273 Branchport Ave, Long Branch, NJ 07740  
Contact: Frank Hertzog (732) 962-7839 Fax (732) 962-7856  
Email: frank.hertzog@cooperindustries.com

**DESIGN:** Models - Strobe Speakers - Synchronized and Non-Synchronized  
ET70-2415W,-241575W,-2430W,-2475W,-24110W  
ET90-2415W,-241575W,-2430W,-2475W,-24110W  
ET70-2415C,-2430C,-2475C,-24100C  
ET90-2415C,-2430C,-2475C,-24100C  
\*ET70WP-2475W, -2475C,-24115C,-24135W,-24177C,-24185W

Units may be followed by suffixes to designate lens orientation, lens lettering and plate color. Models with suffix -W are wall mount and -C are for ceiling. Lens color may be white, red, blue, green, or amber. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** Electrical: 24=16-33 VDC/FWR\*  
Flash rate: 60 flashes/min  
Candela: 15=15cd,1575=15cd/75cd on axis,30=30cd,75=75cd  
100=100cd (ceiling mount only),110=110cd (wall mount only)

\*ET70WP-2475W, -2475C: 115cd at -40 C  
\*ET70WP-24115C: 50cd at -40 C  
\*ET70WP-24135W: 65cd at -40 C  
\*ET70WP-24177C: 75cd at -40 C  
\*ET70WP-24185W: 90cd at -40 C

**INSTALLATION:** In accordance with listee's printed installation instructions, NFPA 72, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical/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 indoor use only. For synchronized strobes, Models SM-12/24, SMX-12/24, DSM-12/24 or DSMX-12/24 sync module must be used. \*ET70WP-2475W, -2475C, -24115C, -24135W, -24177C, -24185W listed for indoor/outdoor use.

If this appliance is required to produce a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition, the

\*Rev. 09-06-07 mt



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*Fire Engineering Division*

appliance must be used with a fire alarm control unit that can generate the temporal pattern signal. Refer to manufacturer's Installation Manual for details.

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