

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



# LISTING SERVICE

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**LISTING No.** 7135-0785:0183

**CATEGORY:** 7135 -- AUDIBLE DEVICES

**LISTEE:** Cooper Wheelock Inc. 7246 16th St. E., Ste. 105, Sarasota, FL 34243  
Contact: Tom Conover (941) 487-2336  
Email: thomas.conover@cooperindustries.com

**DESIGN:** Model LLFHN low frequency synchronous or non-synchronous horn. The model may be followed by a letter indicating product color. The model number may also be followed by a hyphen and one or two alphanumeric characters indicating lettering. Refer to listee's data sheet for additional detailed product description and operational considerations.

**RATING:** 16-33 Vdc/Vfwr

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

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

**APPROVAL:** Listed as a low frequency horn when used with a separately listed electrically compatible fire alarm control unit. Intended for wall or ceiling mount indoor use only. This unit can generate a low frequency alarm signal for sleeping areas in accordance with NFPA 72. Refer to listee's Installation Instructions Manual for details.

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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, 2015**

Listing Expires **July 01, 2015**

Authorized By: **JAMES PARSESIAN, Program Coordinator**  
*Fire Engineering Division*