

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



# LISTING SERVICE

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**CATEGORY:** 7271 -- SMOKE DETECTOR-SYSTEM TYPE-IONIZATION

**LISTEE:** FIRE-LITE ALARMS INC. One Fire-Lite Place, Northford, CT 06410-1653  
Contact: Brian Reynolds (203) 484-7161 Fax (203) 484-7309  
Email: Brian.Reynolds2@Honeywell.com

**DESIGN:** Models CP350 and CP355 ionization type smoke detectors. Refer to listee's printed data sheet for additional detailed product description and operational considerations.

**RATING:** 24VDC

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

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

**APPROVAL:** Listed as ionization smoke detectors for use with any separately listed compatible bases and fire alarm control units. Model CP350 is compatible to listed System Sensor base Models B224BI, B224RB, B210LP, B501BH and B501BHT. Model CP350 is suitable for open area protection with a maximum air velocity of 500 fpm and Model CP355 with a maximum air velocity of 1200 fpm. For wall and ceiling mounting.

**NOTE:** The ionization type detectors are generally more effective at detecting fast, flaming fires that consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires that smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

\*Rev. 05-06-05JW



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*