

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:** 7272 -- SMOKE DETECTOR-SYSTEM TYPE-PHOTOELECTRIC

**LISTEE:** FIRE-LITE ALARMS INC. One Fire-Lite Place, Northford, CT 06410-1653  
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**DESIGN:** Models SD350, SD350T, SD355, SD355R\*, SD355T and AD355 photoelectric type smoke detectors. Model SD350T and SD355T has a 135°F supplement integral heat sensor which only assists in a fire situation. The purpose of this thermal circuitry is to increase the sensitivity of the detector. This thermal circuitry is NOT approved for use as a heat detector. 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 photoelectric smoke detectors for use with separately listed compatible fire alarm control units. All units are suitable for open areas and inside duct installations with air velocities between 0-4,000 FPM. Models SD355 and SD355R\* are also approved for installations inside Fire-Lite Duct Housing D355PL (CSFM Listing No. 3242-0075:221) and System Sensor Duct Housing DNRW (CSFM Listing No. 3242-1653:210).

**NOTE:** The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires which 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.

\*Rev. 01-11-2010 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, 2011**

Listing Expires **June 30, 2012**

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*