



# FIRE RATED COMPLIANCE GUIDE

INSTALLATION REQUIREMENTS FOR FIRE RATED AUTOMATIC SWING DOORS



## FIRE RATED COMPLIANCE



### WHAT IS IT?

It is a building code that requires per NFPA 101 Life Safety Code 2012 and later adoptions that. Fire Door Assemblies (8.3.3.3 Fire Doors) shall be installed, tested and maintained according to NFPA 80, which is a standard for which only labeled fire door hardware shall be used and must comply with UL 10 B/C.

Inspections are required for health care facilities per the Center for Medicare & Medicaid Services (CMS).\*

### GENERAL RULE

IT'S A BUILDING CODE (IBC) REQUIREMENT,  
LIFE SAFETY CODE 101 REQUIREMENT,  
AND NFPA 80 STANDARD REQUIREMENT.

### DOCUMENTED ANNUAL FIRE DOOR INSPECTIONS

#### MUST SHOW PROOF OF COMPLIANCE TO AHJ AND CMS



#### COMPLIANT



CMS provides grant money for operations\*



AHJ approves inspections for another year

ANY ACCESSORY INSTALLED ONTO A POWER OPERATED FIRE DOOR OR FRAME INSTALLATIONS SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NTRL) SUCH AS UL OR INTERTEK TO UL10 AND ACCORDING TO NFPA 80



Corrective actions are taken to achieve compliance



#### NOT COMPLIANT



CMS denies grant money for operations



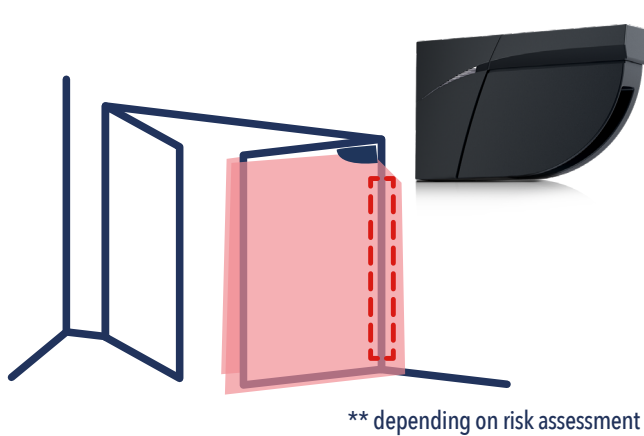
AHJ rejects inspections with corrective actions with date / time aspect

\*CMS Website link: <https://www.cms.gov/newsroom/press-releases/cms-publishes-final-rule-fire-safety-requirements-certain-health-care-facilities>

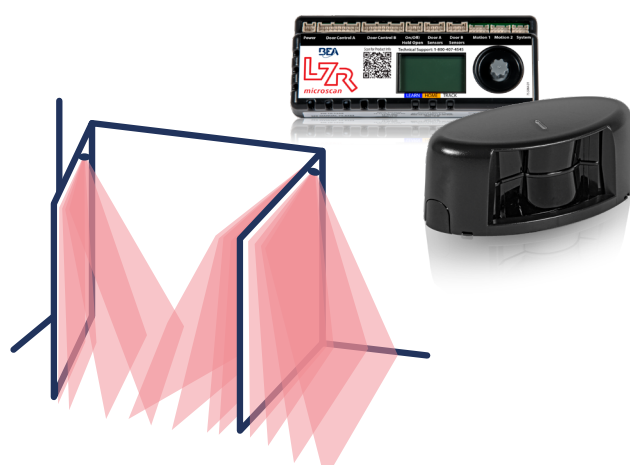
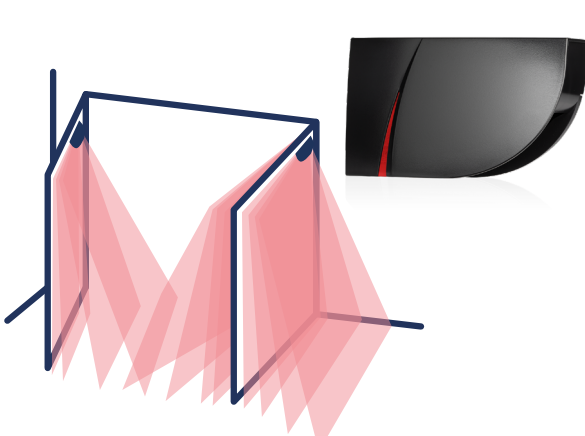
Federal Register Info: <https://www.federalregister.gov/documents/2016/05/04/2016-10043/medicare-and-medicaid-programs-fire-safety-requirements-for-certain-health-care-facilities>

UL Site: <https://iq2.ulprospector.com/session/new?redirect=http%3a%2f%2fiq.ulprospector.com%2fen>

## BEA'S UL10 B/C LISTED FIRE-RATED SENSORS FOR AUTOMATIC SWING DOOR APPLICATIONS



\*\* depending on risk assessment



### LZR- FLATSCAN SW

Fired-Rated up to 1 hour

#### Leading Edge Safety

Detection area extends beyond the leading edge of the door for enhanced safety

#### Hand Gesture Setup™

Hand Gesture Setup™ reduces configuration time with easy door width programming

#### Reduced Uncovered Zone

LASER technology provides a reduced uncovered zone of down to 3/4 inch

#### Reduced Components

Hub-less system offers fewer components for easier setup and installation

### LZR-FLATSCAN 3D SW

Fired-Rated up to 1 hour

#### Advanced Safety

High-resolution detection curtains create a reliable solution with the ability to self-adapt as the door opens, preventing false detections from guide rails and tight corridors

#### Built-in Knowing Act Device

Two Virtual Push Buttons per sensor provide a non-contact form of door activation without wiring or installing in-wall switches.

#### Adaptive Sensing

High-resolution detection curtains create a reliable solution with the ability to self-adapt as the door opens, preventing false detections from guide rails and tight corridors

#### Reduced Uncovered Zone

LASER technology provides a reduced uncovered zone of down to 3/4 inch

#### Easy Setup

Hub-less system offers fewer components for a more straightforward setup and installation. While Hand Gesture Setup™ reduces configuration time with easy door width programming

### LZR-MICROSCAN T

Fired-Rated up to 3 hour

#### Adaptive Sensing

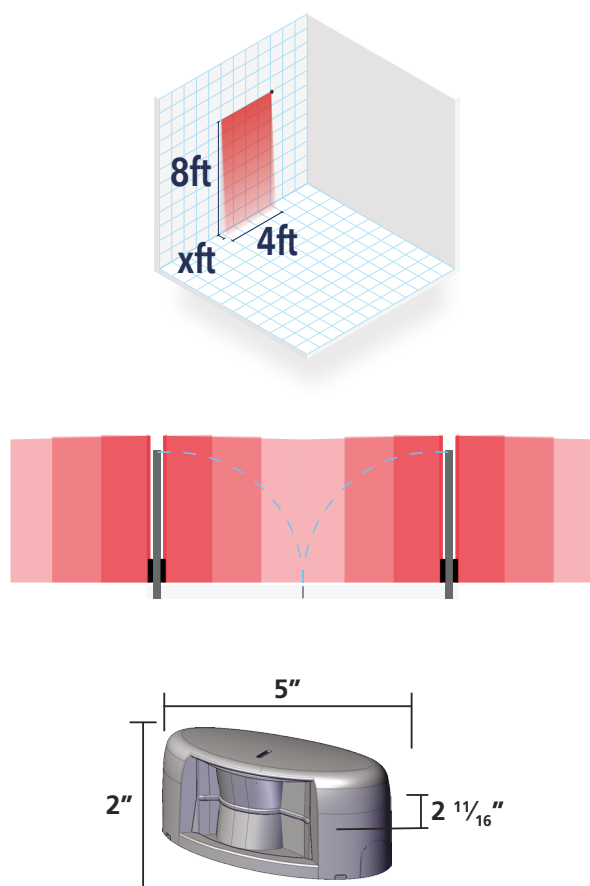
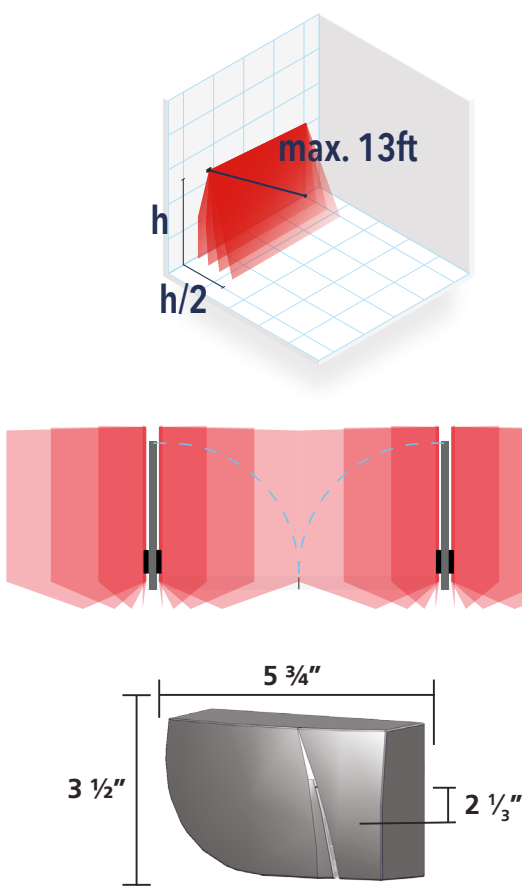
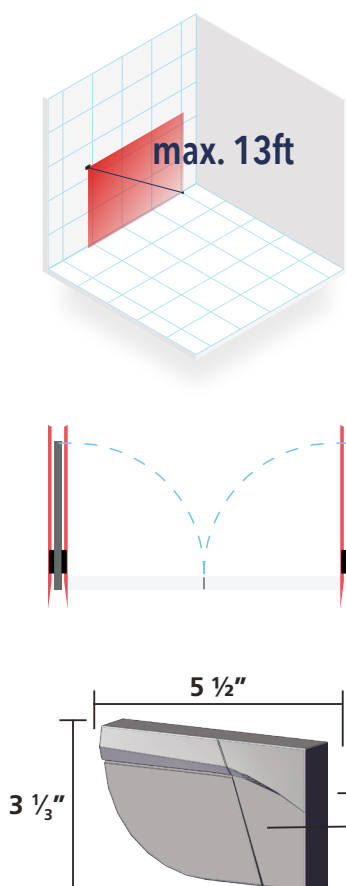
High-resolution detection curtains create a reliable solution with the ability to self-adapt as the door opens, preventing false detections from guide rails and tight corridors

#### Reduced Uncovered Zone

LASER technology provides a reduced uncovered zone of down to 3/4 inch

#### Programmable Hub

Plug & play technology utilizing a centralized hub and intuitive LCD interface offers programmable options during setup time



SCAN OR CLICK TO LEARN MORE



FiredRatedSensors.com