LENSES FOR PASSIVE INFRARED FIXTURE INTEGRATED OCCUPANCY SENSORS

FS-LXW

Four interchangeable lenses for FS-3x5 fixture sensors

Coverage choices for mounting heights between 8-40 feet

Mounts easily onto sensor component from fixture exterior

Description

FS-Lx lenses work with the FS-305/FS-355 occupancy sensors to turn lights on and off automatically based on occupancy. Four lens choices provide flexibility for varying mounting heights.

Operation

The lenses mount onto the sensor body from the exterior of the fixture, threading onto the FS-305/FS-355 threaded collar. Four 360° lens choices provide coverage at 8, 20, and 40 foot mounting heights. The FS-L2W provides maximum coverage of 48' diameter mounted at eight feet, the FS-L3W provides maximum coverage of 40' diameter mounted at 20 feet, and the FS-L6 provides maximum coverage of 20' diameter mounted at eight feet. The FS-L7W and FS-L7-G provide coverage of 100' diameter mounted at 40 feet.

Wet Location Rating

When fully assembled and installed, the FS-305/FS-355 sensors and FS-L2W, FS-L3W, FS-L7W, and FS-L7-G lenses are IP65 and UL 244A and 508 rated. To obtain this rating, the device underwent extremely rigorous testing. The IP65 rating means the device is totally protected against dust and low-pressure jets from all directions.

Applications

FS-305/FS-355 sensors with FS-LxW lenses are ideal for damp or wet indoor or outdoor locations. They are suitable for use in parking garages and in parking lot luminaires. When equipped with the FS-L6 lens, the sensor provides superior coverage in any dry indoor application.

Features

- IP65 and UL 244A and 508 rated (when fully assembled and installed) for use in wet location environments (indoor and outdoor)
- Fixed sensitivity optimized for FS-LxW and FS-L6 lens coverages
- Polycarbonate, flame retardant, UV resistant, impact resistant (FS-LxW lenses)
- Recyclable

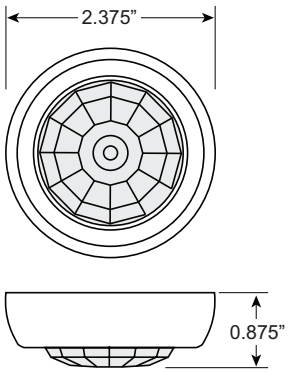
PROJECT		LOCATION/ TYPE	

Specifications

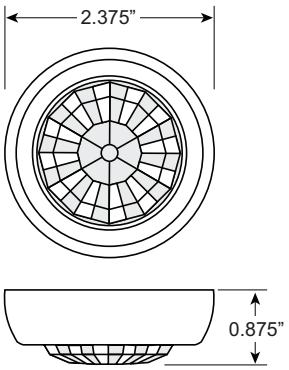
- Operating temperature: -40-131°F (-40-55°C)
- Storage temperature: -40-176°F (-40-80°C)
- Operating Humidity: 20-90%
- Five year warranty
- UL and cUL listed

Lens Dimensions

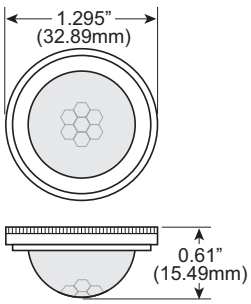
FS-L2W



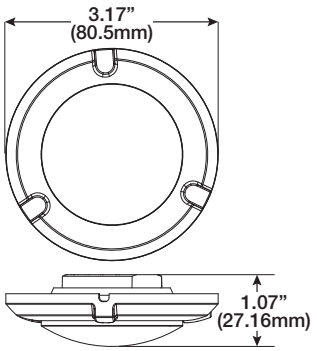
FS-L3W



FS-L6

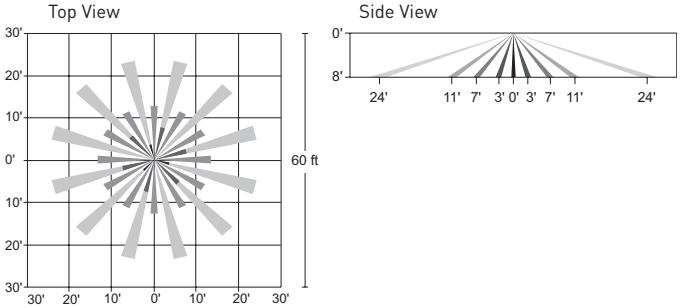


FS-L7W and FS-L7-G

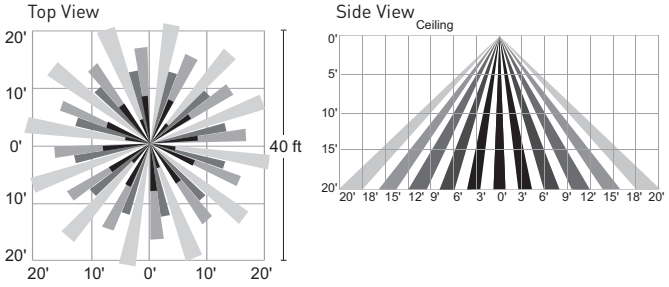


Coverage Patterns

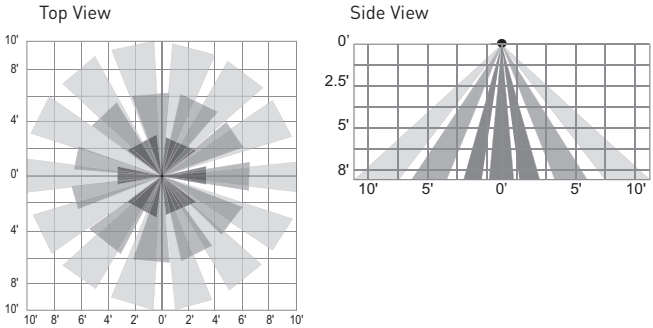
FS-L2W



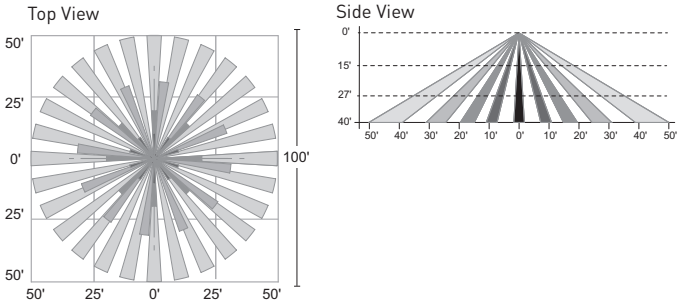
FS-L3W



FS-L6



FS-L7W and FS-L7-G



Ordering Information

Catalog #		Color	Description
☐	FS-L2W	White	360° lens, maximum coverage 48' diameter from 8' height, for indoor and outdoor environments
☐	FS-L3W	White	360° lens, maximum coverage 40' diameter from 20' height, for indoor and outdoor environments
☐	FS-L6	White	360° lens, maximum coverage 20' diameter from 8' height, for dry indoor environments only
☐	FS-L7W	White	360° lens, maximum coverage 100' diameter from 40' height, for indoor and outdoor environments
☐	FS-L7-G	Gray	360° lens, maximum coverage 100' diameter from 40' height, for indoor and outdoor environments

Pub. No. 25887 Rev. 04/2017