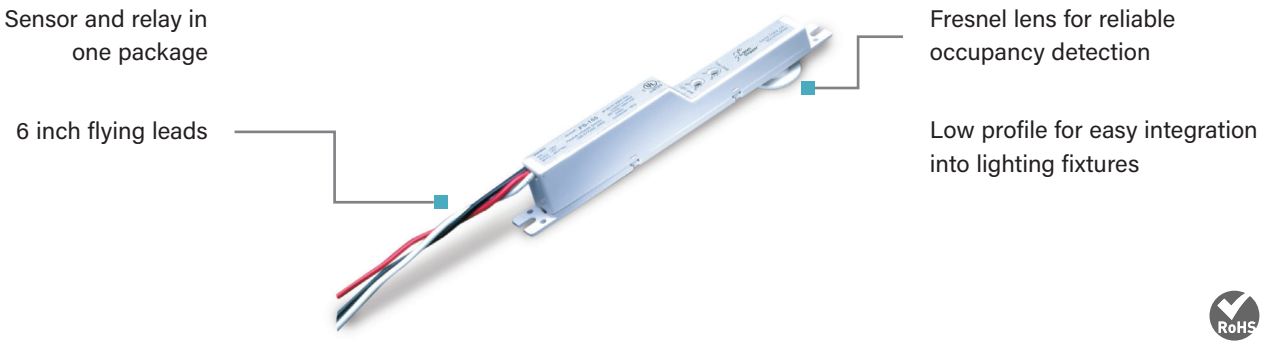
LINE VOLTAGE PIR FIXTURE INTEGRATED OCCUPANCY SENSORS

FS-155/FS-155-1



DESCRIPTION

The FS-155/FS-155-1 Line Voltage Passive Infrared (PIR) Sensors control lighting based on occupancy. They are designed with a low-profile, architecturally pleasing appearance to easily integrate into a wide range of lighting fixtures or a customized housing. Both provide a sensor and relay in one package. Both the FS-155 and FS-155-1 are equipped with 6 inch flying leads.

OPERATION

The FS-155 and FS-155-1 operate at 120/277 VAC to control lighting based on occupancy. Utilizing the latest PIR technology, which detects the difference between infrared energy in motion and the background space, they automatically turn the lights off after the defined area is vacated and the adjustable time delay (30 seconds to 30 minutes) has elapsed.

APPLICATIONS

The FS-155 provides coverage up to 100 square feet and the FS-155-1 up to 400 square feet, both in a 360° coverage pattern when mounted at 8 feet Both work well where relay and sensor are required in one package. The distinctive mounting option of these models make them suitable for controlling desktop task lighting. They are also well-suited to control in cubicles and small offices.

FEATURES

- Sensor and relay in one package
- Includes 6 inch flying leads for simplified installation
- Adjustable time delay
- The product meets the materials restrictions of RoHS

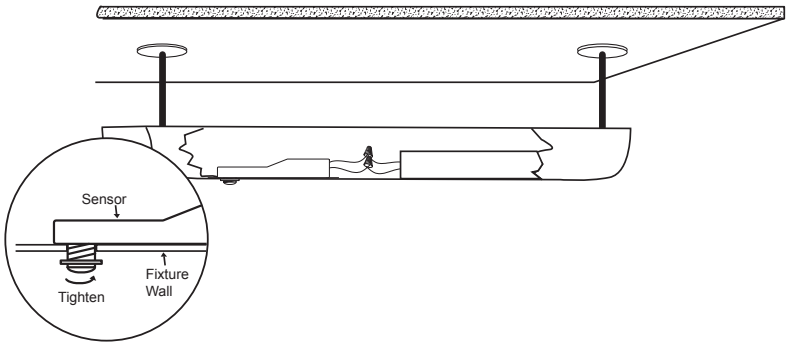
PROJECT		LOCATION/ TYPE	

SPECIFICATIONS

- 120/277VAC, 60Hz
- Load Req. @ 120: 0-800W ballast or tungsten
- Load Req. @ 277: 0-1200W ballast
- Adjustable time delay (30 seconds to 30 minutes)
- Operating temperature 32–131°F (0–55°C)
- Dimensions:
  - Lens housing: 0.5" (12.7mm) diameter
  - Lens collar: 1" (25.4mm) diameter
  - Sensor body: 7.1" x .87" x .67" (181mm x 22mm x 17mm)
- UL and cUL listed
- Five year warranty

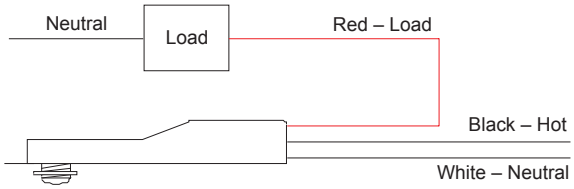
MOUNTING AND INSTALLATION

Installing the FS-155/FS-155-1

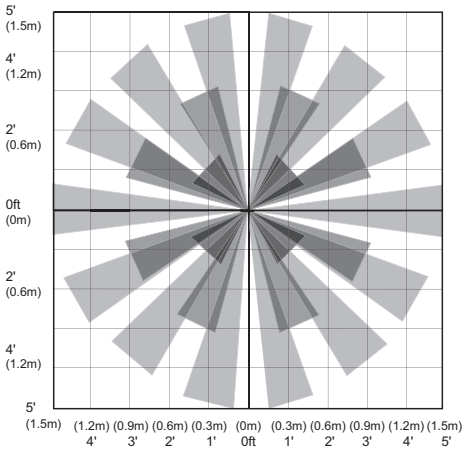


WIRING & COVERAGE

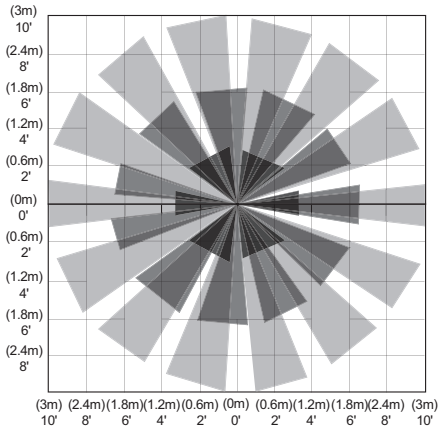
Line Voltage Wiring



Coverage Patterns @ 8' Mounting Height



FS-155



FS-155-1

ORDERING INFORMATION

Catalog #		Description
☐	FS-155	Line Voltage PIR Fixture Sensor; 120/277 VAC, 10 foot diameter coverage
☐	FS-155-1	Line Voltage PIR Fixture Sensor; 120/277 VAC, 20 foot diameter coverage

26596r2 Rev 08/2021