



Description

The FSP-211 is an IP66 rated motion sensor that mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, as well as non-dimming ballasts and, with an FSP-Lx Lens, is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

Specifications

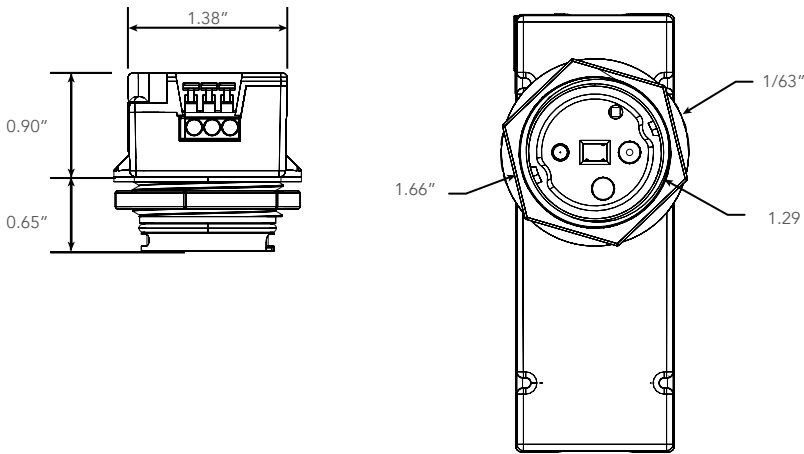
- Input voltage: 120/277VAC; 50/60Hz
- Load ratings:
 - 120VAC 0-800W ballast or incandescent
 - 277VAC 0-1200W ballast
- Relay life rating
 - 200,000 cycles (120/277VAC)
 - 50,000 cycles (230VAC)
- High mode: 0-10V; default 10V
- Low mode: Off, 0-9.8V; default 1V
- Time delay: 30 sec., 5-30 min.; default 5 min.
- Cut off delay: none, 1-60 min. 1-5 hrs.; default 1 hr.
- Sensitivity: none, low, med, max; on-fix, off-fix; default max
- Hold off setpoint: none, 1-250 fc, auto; default disabled
- Photocell On/Off: 1-250 fc; default disabled
- Ramp up time: none, disable, 1-60 sec.; default disable
- Fade down time: none, disable, 1-60 sec.; default disable
- Operating temperature: -40 to 167°F (-40 to 75°C)
- Operating Humidity: 20-90%
- Weight: 2.8 oz (80 grams)
- TUV, UL and cUL listed (E101196)
- Five year warranty



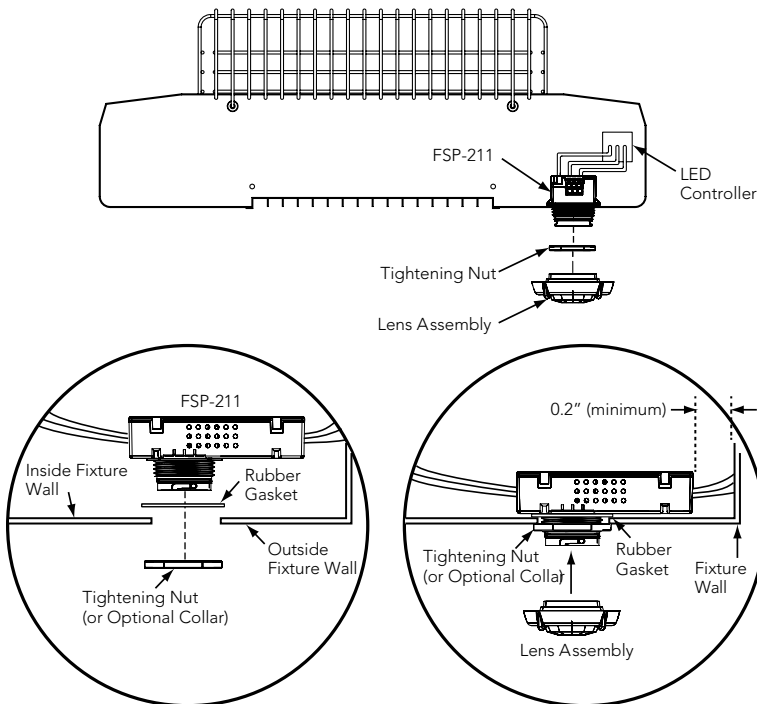
Features

- Provides line voltage On/Off switching and 0-10VDC dimming control
- Works with ballasts or LED drivers
- High and low modes fully adjustable from 0 to 10V
- Time delay from 5 to 30 minutes
- Optional cut off delay
- Adjustable ramp up and fade down times
- Optional daylighting setpoints feature automatic calibration, or permit manual adjustment
- Configuration tool stores six sensor profiles for quick setup and adjustment of multiple sensors
- Polycarbonate construction; flame retardant, UV resistant, impact resistant, recyclable
- UL244A and UL508; IP66 rated (when fully assembled and installed) for use in wet locations
- This product meets the materials restrictions of RoHS
- BAA/TAA-compliant models available

Dimensions



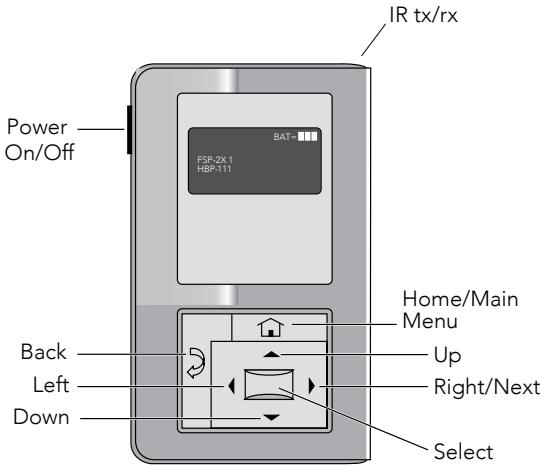
Sensor Mounting



The FSP-211 accommodates fixture wall thickness up to 0.125" (3.18mm)



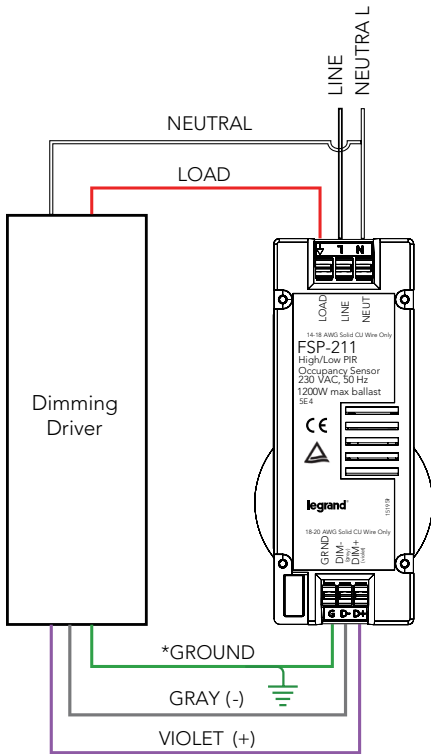
FSIR-100 Remote Configuration Tool



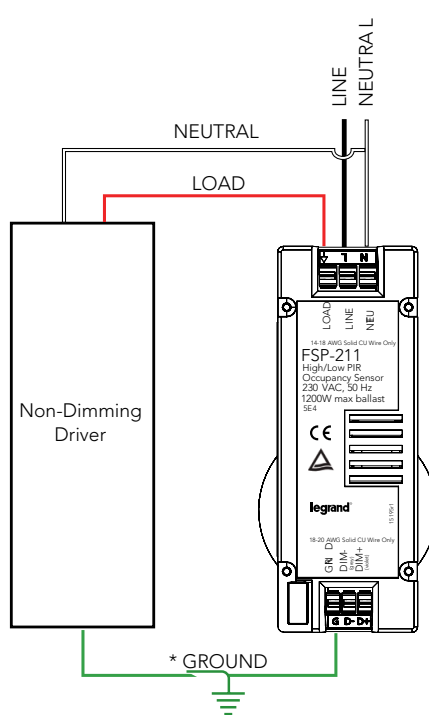
The FSIR-100 works with the IR-enabled HBP-111 to enable remote setup and adjustment of control parameters to speed building commissioning and simplify maintenance.

Dimming Wiring

Dimming Wiring Diagram



Non-Dimming Wiring Diagram



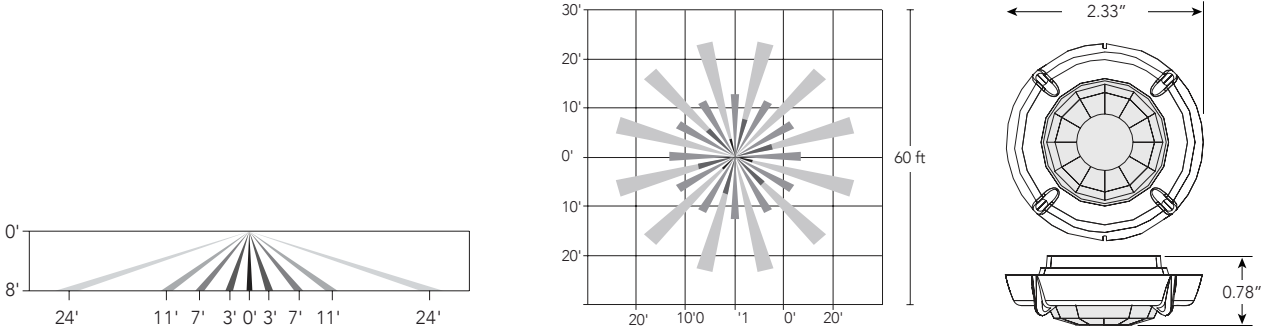
* The FSP-211 must be properly grounded.



Coverage Pattern & Lens Dimension

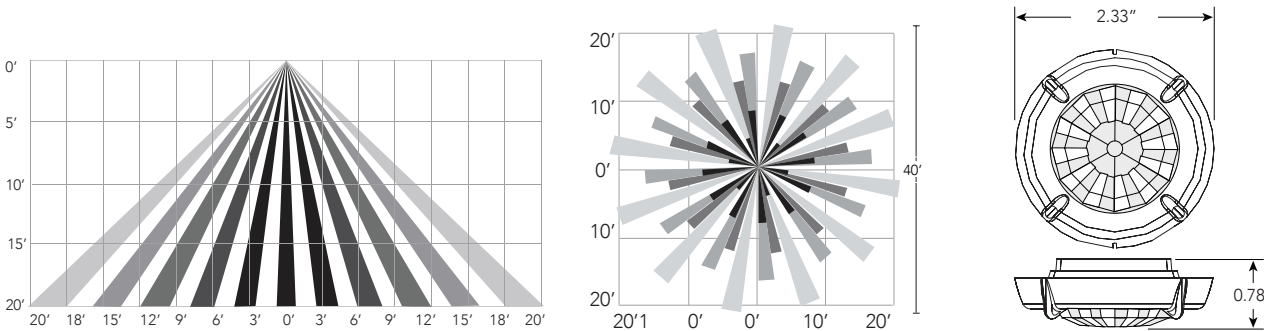
The FSP-Lx lenses work with FSP-211 motion sensors to provide multi-level lighting control based on motion and the ambient light level. Three lens choices provide flexibility for varying mounting heights.

FSP-L2



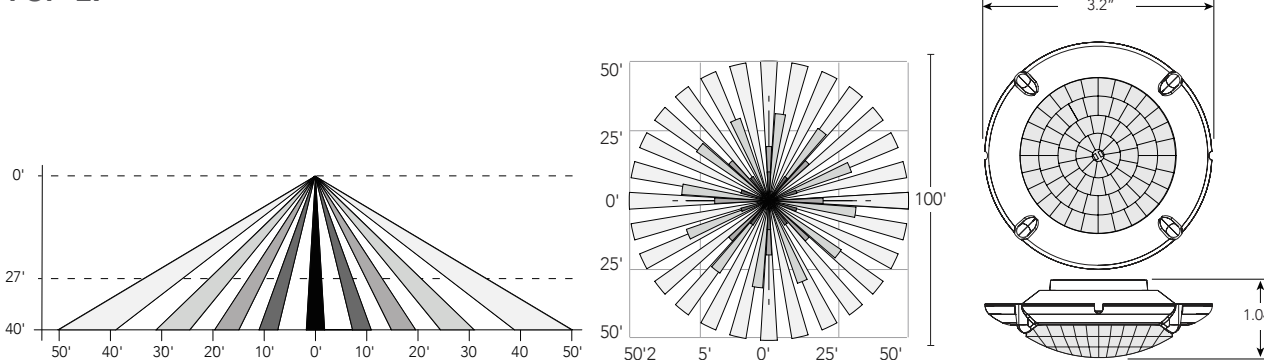
360° lens, maximum coverage 48' diameter from 8' height

FSP-L3



360° lens, maximum coverage 40' diameter from 20' height

FSP-L7



360° lens, maximum coverage 100' diameter from 40' height



Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Ordering Information

Part #	Description
MSFSP211	Wattstopper FSP-211 Bi-Level Pir Motion Sensor
FSPL2	Lens Module For FSP-211 48' Diameter From 8' Mounting Height
FSPL3	Lens Module For FSP-211 40' Diameter From 20' Mounting Height
FSPL7	Lens Module For FSP-211 100' Diameter From 40' Mounting Height
FSIR100	Wattstopper Fsir-100 Wireless Configuration Tool For FSP-211/HBP-111

* Please contact LITELUME for all Custom Option Requests