

Key Features & Benefits:

- Wirelessly Control Multiple Fixtures with a Single Sensor
- 0–10V Wireless Dimming Control
- Adjustable Settings with the ESL Lighting App
- Use For Either Occupancy or Vacancy
- IP66 Wet Rated

Project: _____ Date: _____
 Catalog #: _____
 Notes: _____

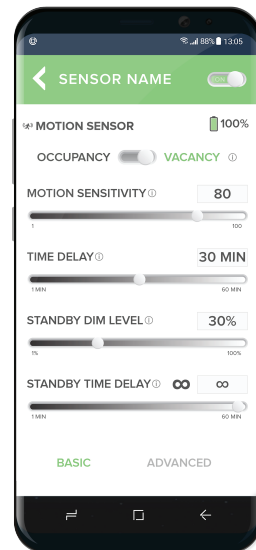


Technical Specifications:

Power Supply: 6–12 VDC
 HF System: 5.8Ghz CW
 Sensor Type: Passive Infrared (PIR)
 Dimming Control Output: 0–10V Max. 25mA sinking current
 Detection Radius/angle: 30ft@40ft Height/360°
 Detection Area (square footage): 2,826ft²@ 40ft Height/360°
 Mounting Height: 40ft Max
 Motion Range: 50ft
 Humidity: Max 95% RH
 Temperature: -40°F ~ 167°F (-40°C ~ 75°C)
 Program: Use ESL Lighting App

Simple App Programming:

*See next page for details



Setting Options:

Motion Sensitivity Adjustment: 1–100%
 Time Delay: 1–60 min
 Standby Dim Level: 1–100%
 Standby Time Delay: 1–60 min or infinity

Catalog Data:

ITEM#	COLOR	DESCRIPTION
ESL-KNX-FS6	WHITE	Konex PIR Sensor, 40ft Max Height, 2,826 SQFT @ 40ft Height/ 360°

Simple App Programming:

ESL's Konex FS6 PIR Fixture Sensor controls motion sensing and is programmed by downloading the ESL Lighting App on Google Play.*

OCCUPANCY

Setting the sensor to OCCUPANCY will turn on light and activate the time delay after motion has been detected.

VACANCY

Setting the sensor to VACANCY will keep the light on until no motion has been detected before activating the settings. The light will have to be physically turned on to reactivate the light and start the time delay.

MOTION SENSITIVITY

Motion Sensitivity is the term used to describe the amount of motion required to register occupancy within the radii of the circular detection zone after sensor has been mounted and installed at a height of 40ft.

TIME DELAY

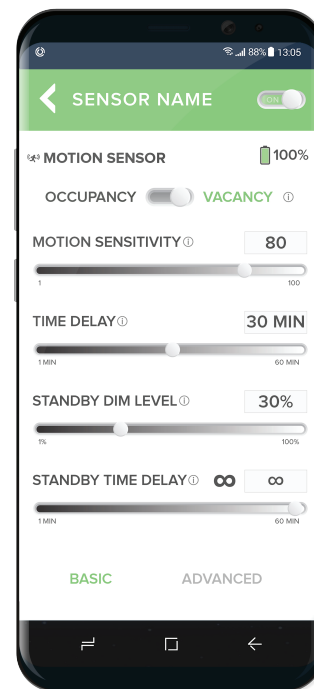
The light can be set to stay ON for any period of time between approximately 1 minute to a maximum of 60 minutes. Any detection of movement before the programmed hold time elapses and the timer with re-start. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

STAND-BY DIM LEVEL

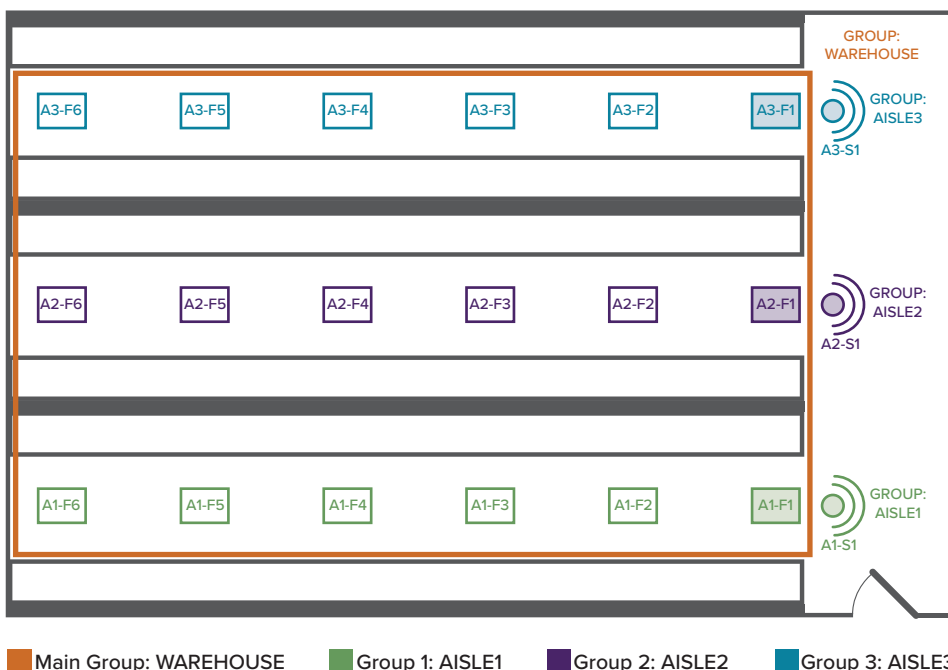
When no movement is detected after the hold time elapses, the light dims to stand-by level. The dimming range can be set between 1% – 100% power.

STAND-BY TIME DELAY

Light will switch to OFF after the stand-by time of (1 min – 60 min) has elapsed. Setting to ∞ will keep light from turning off.



Grouping Diagram:



The Konex FS6 PIR Fixture Sensor will control fixtures with an added RPP or Spectrum fixtures with an integrated RPP.

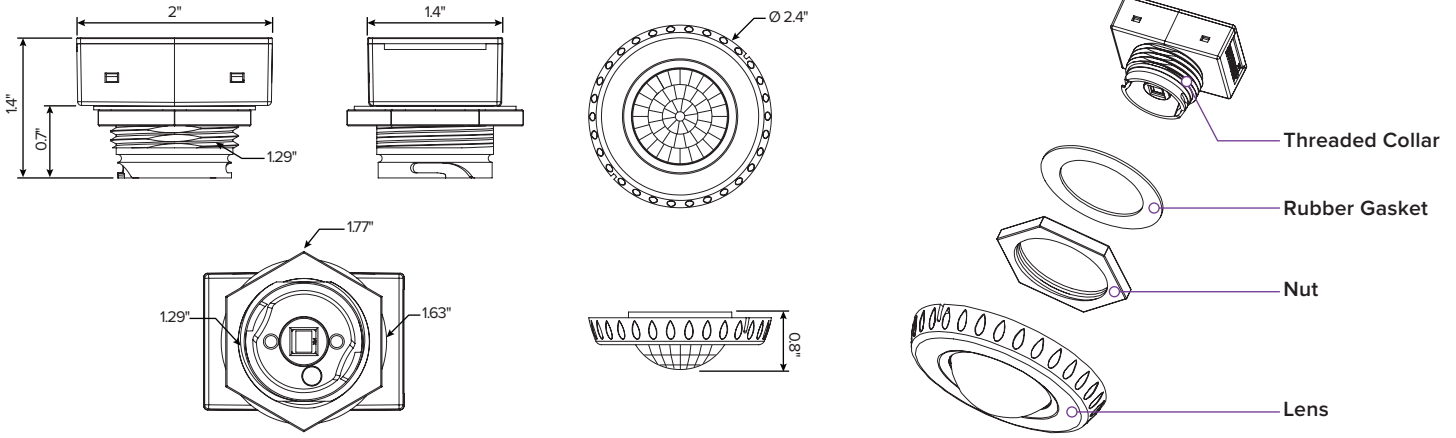
A single sensor will manage multiple fixtures that are placed into a single group. When naming groups and components, use naming conventions that makes it easy to locate and identify them. Please refer to the Spectrum/Konex User Guide for more instruction on designing a commissioning plan and how to create groups with the ESL Lighting App.

All the fixtures in this warehouse example are placed in one group titled WAREHOUSE. *Note that the sensors are not included in this group.

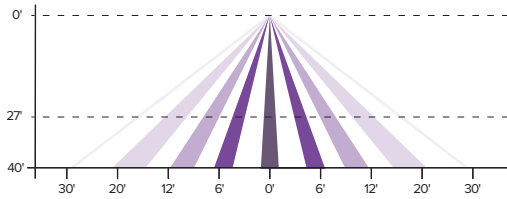
The fixtures and sensor for each aisle are combined into their own groups, titled AISLE1, AISLE2 and AISLE3. The sensor that is placed in each group will control all of the fixtures within that group.

*Further directions on setting up the app and commissioning your system can be found in the Spectrum/Konex User Guide.

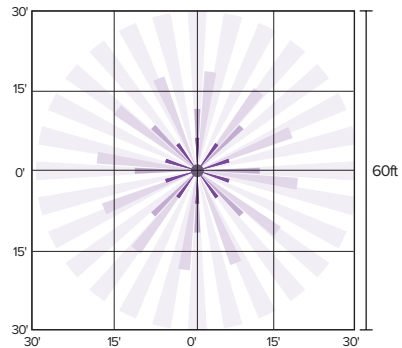
Dimensions:



Coverage:

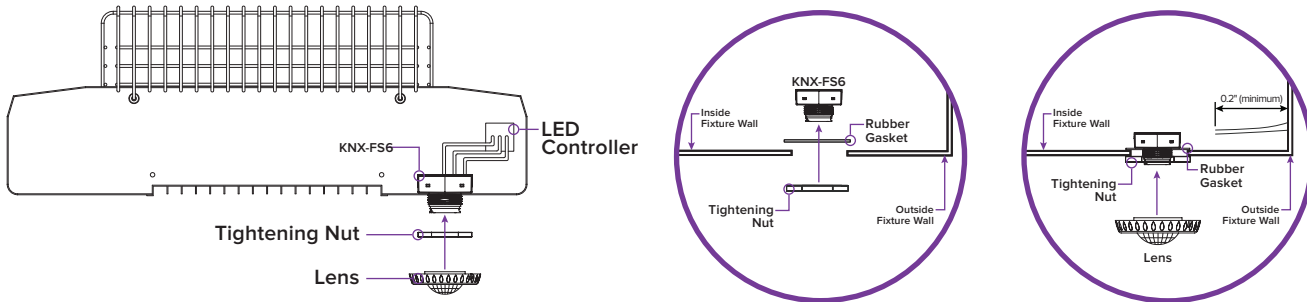


Side View Coverage



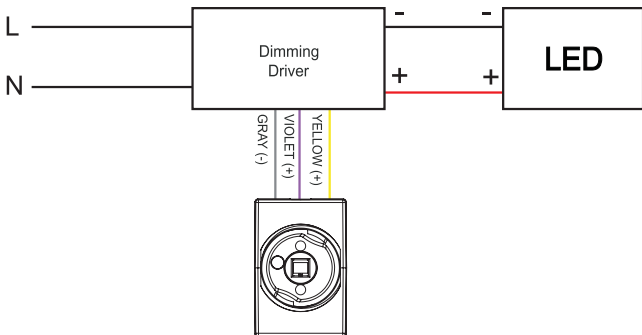
Top View Coverage

Mounting:



Wiring:

KNX-FS6 wiring with 12VDC wire dimming ballast or LED driver



KNX-FS6 wiring with AC/DC Adapter and dimming ballast or LED driver

