PIR OCCUPANCY SENSOR

ESL-KNX-CMS-01

Project: _____   Date: _____

Catalog #: _____

Notes: _____

Key Features & Benefits:

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

Product Specifications:

Input Power: 10–28 VDC, >50mA
Sensor Type: Passive Infrared (PIR)
Dimming Control Output: 0–10V Max. 25mA sinking current
Detection Radius/Angle: 30ft@15ft Height/360°
Detection Angle: 360°
Mounting Height: 15ft Max
Motion Range: 30ft
IP20
Operating Temperature: -4°F ~ 158°F (-20°C ~ 70°C)
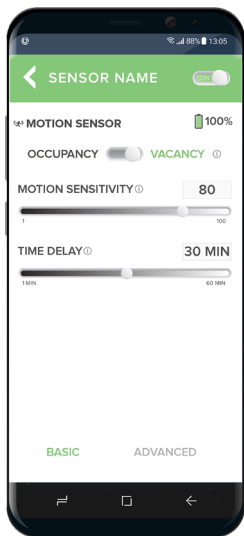Program: Use ESL Network Lighting App

Setting Options:

Motion Sensitivity Adjustment: 1–100%
Time Delay: 1–60 min

Simple App Programming:

*See the next page for details

5 YEAR WARRANTY

WET LOCATION

KX KONEX

CAN BE USED TO COMPLY WITH 2016 TITLE 24 PART 6 HIGH EFFICACY LED LIGHT SOURCE

Catalog Data:

ITEM #	DESCRIPTION
ESL-KNX-CMS-01	Konex PIR Ceiling Mount Sensor, max height 15'. Field programmed using ESL Vision Network Lighting App. 12V Input Power.

PIR OCCUPANCY SENSOR

Simple App Programming:

ESL's Konex CMS PIR Fixture Sensor controls motion sensing and is programmed by downloading the ESL Network 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. If there is any detection of movement before the programmed hold time elapses and the timer with re-start. It is recommended to select the shortest time to adjust he detection zone and perform the walk test.
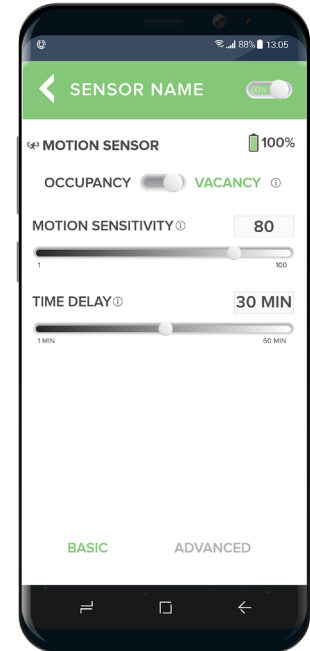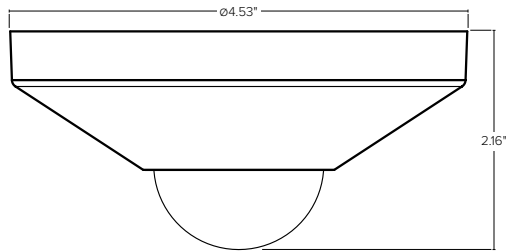
Grouping Diagram:
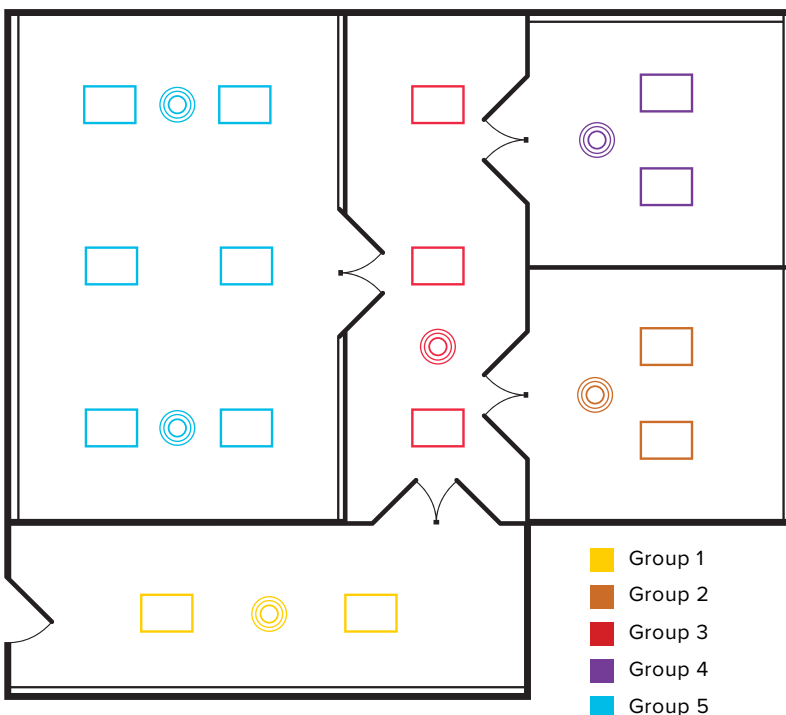
The Konex CMS-01 Ceiling Sensor will control fixtures with an added RPP-001 or Spectrum fixtures.

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 instructions on designing a commissioning plan and how to create groups with the ESL Network Lighting App.
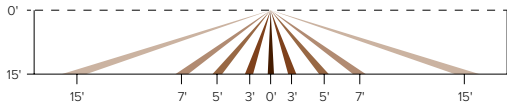
The fixtures and sensor for each room are combined into their own groups. The sensor that is placed in each group will control all of the fixtures within that group. Multiple sensors can be placed into a single group as illustrated in Group 5.

- ■ Group 1
- ■ Group 2
- ■ Group 3
- ■ Group 4
- ■ Group 5

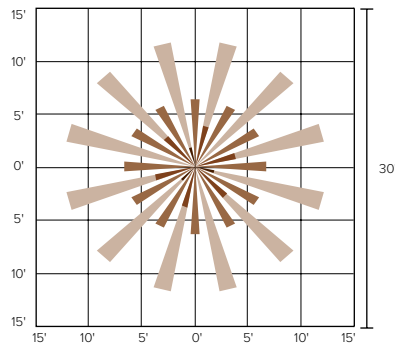*Further directions on setting up the app and commissioning your system can be found in the Spectrum/Konex User Guide.

888.493.5559   info@eslvision.com   www.eslvision.com

Dimensions:

Coverage:

Side View Coverage

Top View Coverage

Wiring:

L

N

Dimming Driver

LED

−   −

+   +

PURPLE (DIM +)

GRAY/PINK (DIM -)

YELLOW (VCC)