

## Description

The Philips EasySense SNS300 multi-sensor delivers a compact, cost-effective fixture control solution that allows for integration of Philips Advance Xitanium SR LED drivers and fixtures into the Autani *EnergyCenter* platform.

Philips EasySense provides occupancy and daylight sensing for wireless indoor lighting systems. It offers a simple solution to actively manage and control energy usage, while remotely adjusting light settings and monitoring energy usage.

Philips EasySense is renowned for its compact size and ability to easily integrate into luminaires. In addition, the sensors are compatible with Philips Advance Xitanium SR LED drivers, eliminating the need for auxiliary devices and alleviating time-consuming configuration issues. The simple two-wire connection from driver to sensor reduces design-in complexity and eliminates additional components that add to overall costs. Now SNS300 can provide fixture and driver specific information into networks for centralized control and enable functionality such as energy monitoring, scheduling and load shedding.

## Applications

*Philips EasySense SNS300 Sensors are suitable for renovation, upgrade, and new construction projects.*

- Conference rooms
- Individual offices
- Open offices
- Classrooms
- Storage and break areas
- Restrooms
- Lobbies
- Stairways



## Features

- Integrates Philips drivers and fixtures into the Autani *EnergyCenter* ecosystem
- Occupancy and daylight sensing in one device
- Compact size, 2-wire connection
- Operates with Philips Advance Xitanium SR LED drivers
- Combines daylight and occupancy sensing functionality to reduce the need for multiple components
- Cost-effective solution for energy-savings and code-compliance strategies
- Officially qualified to communicate wirelessly with Autani's *EnergyCenter* devices

*Autani is an official gateway partner for the EasySense SNS300.*

## Specifications

### PHYSICAL INFORMATION

- Overall Dimensions: 1.97in x 0.75in x 1.24in / 50mm x 19.0mm x 31.5mm
- Housing (luminaire hole): 1.73in x 0.67in / 44mm x 17mm (l x w)
- Net Weight per Piece: 0.6oz / 17gr
- Volume Required Inside Luminaire (LxWxH): 1.87in x 0.75in x 0.95in / 50mm x 19mm x 24mm
- Color: White
- Connectors: (2) Lite-trap connectors rated for AWG24 to AWG18 solid conductor wire (AWG22-AWG20 for stranded wire)

### ELECTRICAL INFORMATION

- Input Voltage: Powered by SR driver low-voltage interface
- Current Consumption: 13mA
- Nominal Power Consumption: 200mW
- Standby Power: < 1 W on luminaire level, including driver standby power

### OCCUPANCY SENSING

- Type: Passive infrared (PIR)
- Behavior: Determined by network settings, no stand-alone operation

### DAYLIGHT SENSING

- Behavior: Determined by network settings, no stand-alone operation
- Viewing Angle: 40° (half value sensitivity); 2% cut-off point at 75°

### ENVIRONMENT & APPROBATION

- Operating Ambient Temp Range: 0°C to 55°C
- Operating Humidity: 0 – 95% non-condensing
- Storage Temperature: -25°C to 85°C
- Storage Humidity: 0-95% non-condensing
- Max Case Temperature (Tcase): 55°C
- Agency Approbations: UL, CSA; Tested and approved for use in plenums; FCC ID: 2AF2N-SNS100; IC: 20659-SNS100
- Certification: California Title 20
- Warranty: 5 years
- Digital Interface: Xitanium SR

### OTHER

- Wireless Protocol: Zigbee, IEEE 802.15.4
- Encryption: AES-128
- LED Status Indicators: Red, Yellow. Yellow LED on: Vacancy & Sensor is functional; Red LED on: Occupancy detected
- No. Drivers per Sensor: 4 maximum
- Max. Distance Fixture-to-Fixture: 40ft line-of-sight
- Field Configuration: Via qualified third-party network system application



*Indoor use only*