PHILIPS

Sensors

EasySense

Fixture-Mount

Fixture control **made simple**

Philips EasySense fixture-mount sensors

The easy way

to add controls to every fixture

As more and more commercial lighting customers look to unlock the potential of connected lighting, fixture manufacturers are **looking for seamless, cost-effective ways to integrate sensors** to make it all possible.

SNS200/300

Traditional built-in lighting sensor designs use a bulky two-box system that is expensive and cumbersome to design in and assemble. And remote-mounted ceiling sensors are unsightly and require extra wiring in the ceiling, adding cost and opportunities for installation errors.

The Philips EasySense fixture-mount sensor—with its small form factor—is a cost-effective and flexible solution to integrate occupancy sensing, daylight harvesting and other advanced functionalities into today's fixture designs.

Whether the application calls for simple per-fixture control, extended room-level control, or a fully networked lighting system, EasySense provides a full range of solutions to meet immediate energy-saving goals and code compliance requirements as well as tap into emerging smart lighting uses. Networked light fixtures provide the ideal fabric for the IoT.

The Philips EasySense fixture-mount sensor portfolio

SNS200 for advanced grouping

The EasySense SNS200 combines occupancy sensing, daylight harvesting and task tuning with advanced grouping features:

- Per-fixture control and grouping to wireless switches, no gateway required
- Auto-off/manual-on (vacancy sensing) and auto-off/partial-on
- Common pre-sets; works out of the box
- Philips field apps for configuring, grouping and task tuning
- Occupancy sharing—Program peripheral fixtures to stay at task or background level if occupancy is detected elsewhere in the group
- Scene setting—Create presentation mode for a conference room (e.g., set light level low near the screen while keeping higher level in the back of the room)
- DLC qualification—Listed in the DLC Qualified Products List (QPL) for networked lighting control (NLC) systems

SNS300 for networks

The SNS300 is designed for applications with centralized lighting control through Zigbee wireless technology.

- Compatible with qualified third-party lighting control systems or building management systems (BMS)
- Provides fixture-specific information for smart lighting uses cases such as remote energy monitoring, scheduling and demand response

SNH200 for high bay

By providing greater coverage and rugged reliability for demanding high bay environments, the SNH200 delivers energy savings for warehouse (and similar) applications.

- Allows for 15- to 45-foot mounting
- IP65 rating against dust and water
- Sub-zoning and occupancy sharing (zone with motion goes to full task level while sub-zones are maintained at background light level)
- Simple grouping via IR

SNS200/300

SNH200

Philips field apps (for SNS200 and SNH200)

Philips field apps allow programming of occupancy/daylight sensing parameters and fine-tuning of lumen levels during installation.

- EasySense NFC—For programming sensors during installation when the smartphone can be placed next to the sensor
- EasySense IR—For grouping and programming sensors after installation from floor level; applicable wireless switches can also be added to the group

To use Philips field apps, register at philips.com/easysense. After registering, download "Philips field apps" from the Google Play Store.

The Philips EasySense fixture-mount sensor portfolio is an ideal solution for many applications, such as:

- **Offices**
- **Schools**
- **Healthcare**
- **Industrial**
- **Government**
- **Retail**

OEMs: Foundation for a connected future

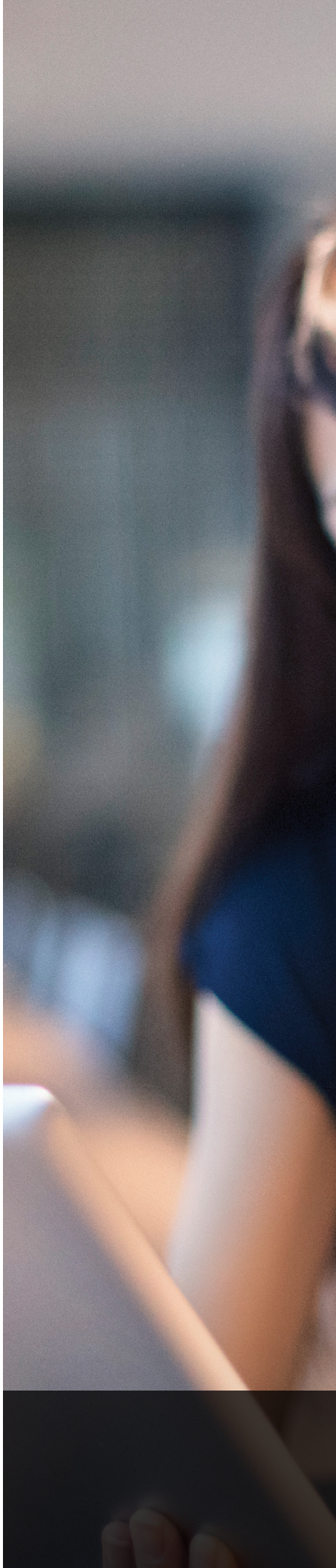
Incorporate Philips EasySense fixture-mount sensors as part of a standard fixture portfolio while saving design time and money:

- One fixture design can work for energy savings and code compliance strategies, from per-fixture to fully networked solutions
- Compatibility with Philips Advance Xitanium SR LED drivers eliminates the need for auxiliary devices and time-consuming configuration issues; no power packs required
- Simple two-wire connection from driver to sensor reduces design-in complexity and additional components that add to overall costs

Specifiers/ESCOs: Flexibility for your choice of controls

Specify Philips EasySense fixture-mount sensors as part of energy-saving and code-compliance strategies without hindering project time or aesthetics:

- Integrated sensors blend within the luminaire, leaving the ceiling uncluttered
- Occupancy sensing and daylight harvesting in one device
- Makes per-fixture controls practical and cost-effective; eliminates hassle with ceiling wiring



For more information on how EasySense fixture-mount sensors can quickly and easily deliver energy-saving benefits and help meet code requirements, go to philips.com/easysense or contact your local Philips sales representative.

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