



**PHILIPS**

LED Solutions

Connected Lighting



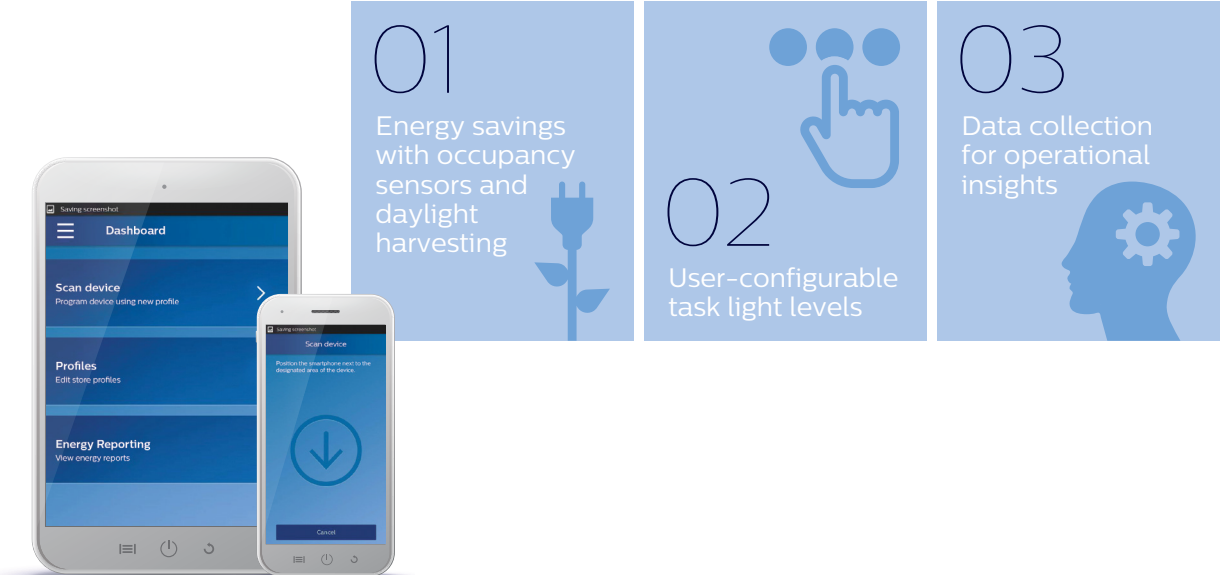
Making  
**connected lighting**  
mainstream



Unlocking the potential of lighting...

# Beyond Illumination

Connected lighting is becoming an **increasingly practical choice in new construction and retrofit projects** for multiple reasons:



01 Energy savings with occupancy sensors and daylight harvesting

02 User-configurable task light levels

03 Data collection for operational insights

The graphic also features two smartphones displaying the app interface. The larger smartphone shows a 'Dashboard' with sections for 'Scan device', 'Profiles', and 'Energy Reporting'. The smaller smartphone shows a 'Scan device' screen with a 'Scan' button and a 'Cancel' button.

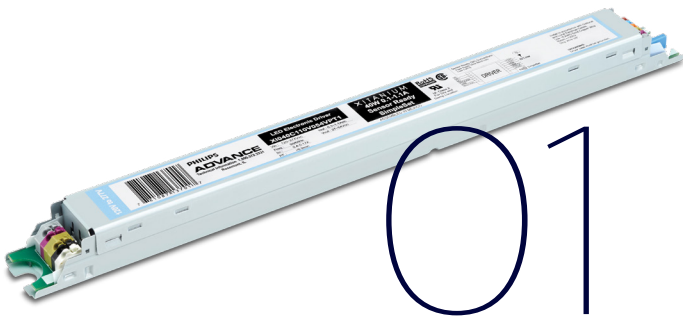
The depth and complexity of connected lighting systems can vary greatly—from simple luminaire-level controls to groups of fixtures to integrated systems connected to building networks.

Philips Connected Lighting components make it easy to develop control-ready luminaires for a host of connected lighting applications.

Philips

# Connected Lighting

**The Philips Connected Lighting solution is composed of three foundational elements:** the Philips Advance Xitanium SR LED driver, the Philips EasySense fixture-mount sensor, and the Philips field apps used for configuring and commissioning in the field.



01

## Philips Advance Xitanium SR LED drivers

Philips Advance Xitanium SR LED drivers streamline wireless connected lighting. The all-in-one design standardizes the digital connection between the driver and sensor, so no additional components are required. A simple, two-wire connection is all that's needed to connect to various certified devices on the market and to start gathering valuable data.

- No auxiliary components or power packs needed
- Open standard digital interface
- Drop-in design with same Xitanium footprint
- Available for a wide range of applications

## Philips EasySense fixture-mount sensors

Most sensors use a bulky, two-box system that is expensive and cumbersome to design-in and install. Philips EasySense fixture-mount sensors provide luminaire-level control features in a sleek, integrated unit that saves time and cost when integrating advanced capabilities.

- Occupancy sensing
- Daylight harvesting
- Field task tuning
- Ready to install/easily configured
- Code-compliant (e.g., Title 24)



02





## Philips EasySense fixture-mount sensors (cont.)

### Basic Grouping (SNS102)

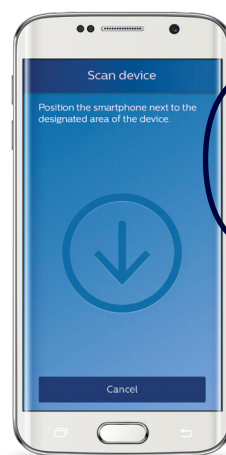
Philips EasySense fixture-mount sensors can be grouped to qualified wireless wall switches for user control.

- Compatible with qualified wireless switches
- Up to 40 sensors can be grouped to a switch
- Simple and economical means to meet auto-off/manual-on use case

### Advanced Grouping (SNS200)

Advanced grouping enables scene setting and occupancy sharing.

- Scene setting—Easily create preset scenes for your group, such as presentation mode for a conference room to lower light levels near the screen and keep higher levels in the back of the room
- Occupancy sharing—Program the group so that light levels for peripheral fixtures stay at task or background level if occupancy is detected elsewhere in the group
- All the great features of basic grouping



# 03

## Philips field apps

The presets for Philips EasySense sensors work out of the box with no commissioning required. Changing the parameters—if desired—is quick

and convenient with two Philips smartphone apps that run on certain Android-based devices (check the EasySense website, [www.philips.com/easysense](http://www.philips.com/easysense), for the latest list of compatible phones with NFC and IR blaster functionality and their NFC reader locations).

While the two Philips field apps are both used for configuring the EasySense sensors, they have complementary functions.

- The near-field communication (NFC) app is used prior to installation to configure parameters. Fixtures do not need to be powered.
- The infrared (IR) app is used after the fixtures are installed and powered for configuring parameters as well as grouping to wireless switches.

Both of the Philips field apps can be downloaded from the Google Play store. First-time users request a username and password at [www.philips.com/easysense](http://www.philips.com/easysense).



## SR certified program

To ensure seamless compatibility between Philips Advance Xitanium SR LED drivers and third-party sensors, Philips created the SR certified program with sensor manufacturers. Third-party sensors allow fixtures with Philips Advance Xitanium SR drivers to act as nodes, routing system data through a building network.





## OEM support

No matter where you are with connected lighting adoption, we can help you make Philips Advance Xitanium SR drivers and Philips EasySense technology an integral part of your workflow. Our dedicated team is ready to help with any part of the process.

We also offer a host of online resources to help you get the most out of Philips connected lighting technology. You'll find video tutorials, guides, datasheets and more.

## Design-in services

In addition to support for our connected lighting technology, Philips design-in services can help you create robust, cutting-edge LED lighting solutions. Our dedicated experts perform vigorous thermal, mechanical, electrical and optical testing to your desired tolerances to help with the validation process.

**Contact your Philips representative today to learn more about partnership opportunities that can drive your business forward.**

**For additional information on Philips Connected Lighting solutions, visit [www.philips.com/easysense](http://www.philips.com/easysense) and [www.philips.com/xitaniumsr/na](http://www.philips.com/xitaniumsr/na).**



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