



PHILIPS

SpaceWise

Office lighting



Transform your workplace with a wireless lighting system

Flexible, energy-efficient, LED lighting
for workspaces

Enjoy the flexibility, **and the savings that come with it!**



Save energy, protect your investment and provide better quality light in your workspace

Controllable wireless lighting gives you the flexibility to set the right lighting level for each specific area within your office space, while also allowing workers to personalize their own settings, thereby also enhancing their well-being and comfort. You can achieve all these goals while making significant savings. Philips SpaceWise gives you all the flexibility you need and installation is easy. There is no need for expensive and complicated rewiring.

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An easy to use lighting system for modern offices

Installing a lighting system used to be hard work – complicated designs, tricky wiring, difficult commissioning. SpaceWise saves you all the hassle.

Why pay for lighting you're not using? With wireless lighting you don't have to. Embedded sensors 'talk' to each other and detect when someone is in the space. Automatic dimming adjusts lighting levels to suit the available daylight – saving money while providing

a constant light level. The days of wasting energy after-hours are over too. Background lighting gives evening workers a feeling of security – despite luminaires operating at a fraction of their full output.



Alliander, Amsterdam

SpaceWise benefits at a glance

Saves energy, cuts costs

LED luminaires and embedded sensors reduce energy usage by up to 70%. Automatic dimming ensures you only pay for lighting when and where it is needed.

Provides visual comfort

Set lighting levels to keep employees happy, productive and feeling safe.

Easy to install

Plug-and-play setup makes installation hassle-free. As a stand-alone system, there's no need for any network, computer or light-meter.

Flexible

Philips' configuration app provides total flexibility: you can easily alter sensor configuration patterns and reconfigure lighting groups or individual luminaires to meet your needs.

Protects the planet, increases asset value

Sustainable LED technology doesn't just help the environment – it helps keep you compliant and you may qualify for Green Building Certification credits.



Simple to install, easy to use

SpaceWise does all the hard work for you. There's no need for re-circuiting or new control wiring. The plug-and-play system will have you up and running in no time.



Step 1

You can get started using the intuitive commissioning app, without having to be a controls expert. Using NFC technology, you can wirelessly program the sensors you need.



Step 2

Once the sensors are programmed, you can start to create luminaire groups, for example by adding wireless switches to the groups in a given room, and define light settings, e.g. dimming schedules.



Step 3

Once the new lighting is installed, occupants won't need any training because SpaceWise is so easy to use – occupants can either use the defined light setting or use the wireless switches to adjust it to suit their preferences.



Step 4

Start enjoying the benefits, like flexibility and energy savings right away! It starts as soon as you activate the system. The dimming technology responds automatically to the occupancy sensors and daylight available.

Customized lighting zones in an open plan office?

You can with SpaceWise!

How SpaceWise works in open-plan

Luminaires are grouped into standalone networks of up to 40 luminaires. Occupants simply fine-tune the light levels to their personal preferences. 500 lux is the typical light level required, but you may prefer to go as low as 300 lux or even higher than 500 lux. With the dwell time functionality, the light dims automatically to the background level when occupants are away from their workstations for around 10 seconds. You can also create a defined zone within the office.

The lights dim or brighten individually, based on each luminaire's occupancy and daylight sensors.

In addition to zone creation, the embedded controls in each luminaire also enable presence detection and measure daylight level, so can dim up or dim down according to the given circumstances. These features enable you to increase savings further.

“

The new control system provides us with more precise zoning so that only occupied areas are fully lit while other luminaires in the network stay at background level. The dimming functionality also enables us to adjust lighting levels within the zones to suit **the preferences of the people working in those spaces.**”

Les Smith,
EMEA Critical Facilities Engineering Manager
Citi, Canary Wharf, London

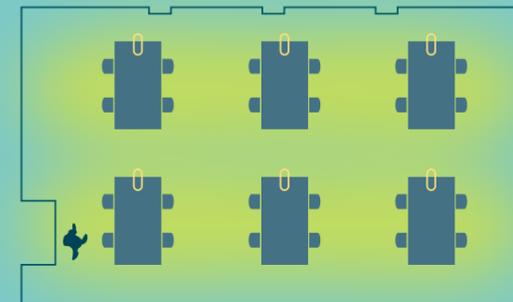
[Learn how SpaceWise helped the Citi office to achieve savings while making the workspace more attractive.](#)

Dwell time feature in open plan office:

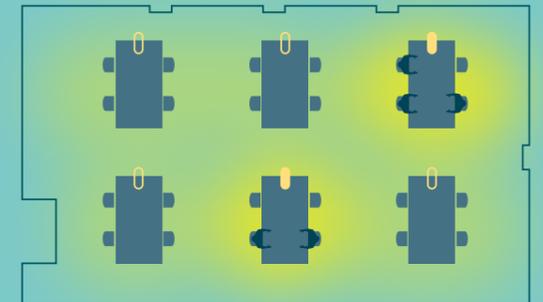
one room, multiple zones

When presence is detected, occupied office areas are illuminated. Sensors can differentiate between passers-by and employees who will stay longer, so you only use maximum light levels when necessary.

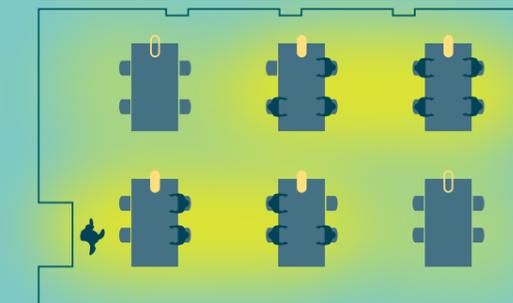
When the first occupant enters, the lighting group lightens up gently to the background level of 20%.



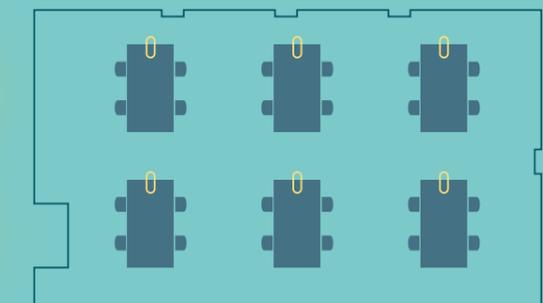
When people leave their office area for meetings or lunch, the luminaires gently dim to background level of 20%, saving a significant amount of energy.



As each occupant arrives at their office area, luminaires in the immediate area brighten up to full illumination.



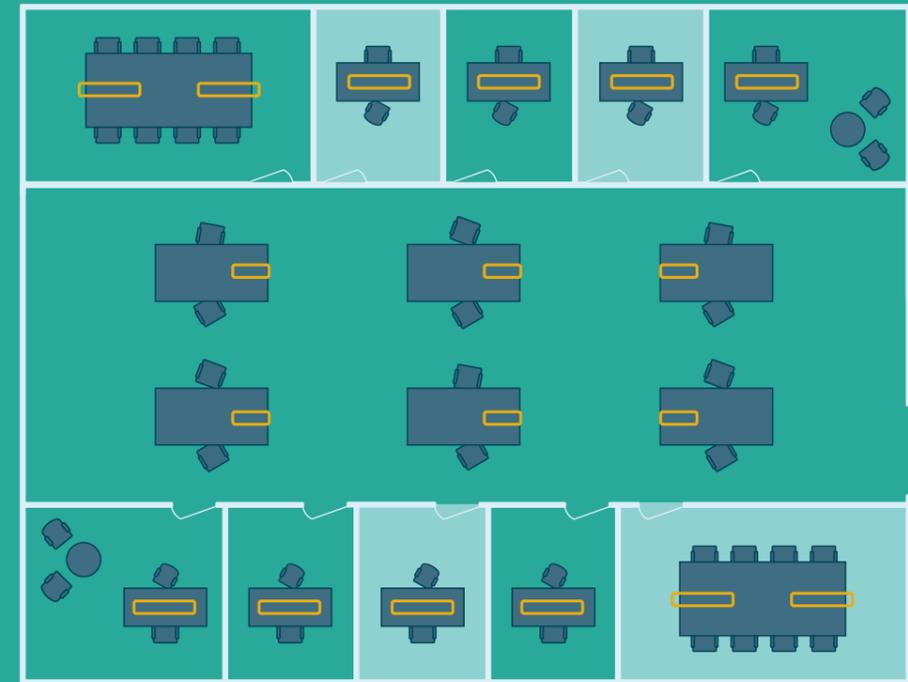
The lighting zone turns off after the last person leaves.



Set the scene

in private offices
and meeting rooms

Lighting must be flexible in meeting rooms and private offices as well. Like in an open-plan office, for example, you can just make use of the presence detection function and also allow employees to set lighting according to their own preferences.



Just like in open plan office, you can simply connect the luminaires to the wireless switches, enabling individuals to set the lighting to their preferences.

Key features

- You can override the sensor-determined light levels so occupants can set the lighting according to their individual preferences
- The system will remember these preferences during short vacancy periods (below 15 min), and revert to the default light output after a long vacancy period
- If you prefer luminaires to react simultaneously to presence detection, you just create zones within the group like in the open plan office
- Daylight-dependent dimming occurs automatically (except when the occupant overrides it manually), enabling extra savings

Manual On / Auto Off settings include:

- When the switch is turned on, lights quickly brighten to the task level
- When the space is unoccupied for 15 minutes, the lights dim slowly to off

Auto On / Auto Off settings include:

- When an occupant enters the room, the lights turn on to the task level
- When the space is unoccupied for 15 minutes, the lights slowly dim to the background level
- Lights remain at the background level for 15 minutes before turning off

SpaceWise package

In a simple package SpaceWise offers long-life, high quality and aesthetically attractive LED lighting, combined with flexible wireless controllers and a simple, easy to use commissioning app.



SlimBlend luminaire family

Philips SlimBlend comes in a complete family of slim, square, rectangular luminaires – recessed, surface and suspended – that can be used across the entire office space. This flexible approach allows you to install attractive lighting with a consistent look throughout your office building.

SlimBlend is also designed to provide comfortable, pleasant and office compliant lighting. The ‘trapped’

light under the luminaire’s edges creates a subtle glow, delivering a soft effect (‘Soft Edge’) and reducing glare.

Each luminaire has an integrated daylight sensor which shares occupancy information over the wireless network.



SlimBlend suspended



SlimBlend recessed



SlimBlend surface mounted

Wireless switches

You can just simply connect the wireless wall switch or scene controller to the luminaire and start easily adjusting light settings.



UID8460
is for scene
setting



UID8450
is for dimming/
switching

Configuration and commissioning app

The commissioning app offers simplified commissioning and greater flexibility.

- Visualize the commissioning steps on Philips apps for Android devices
- Adjust sensor configuration parameters at your fingertips
- Flexibility to reconfigure individual luminaires or the entire lighting group
- Save the sensor settings as a unique profile on the cloud for future access and ease of recalling what exactly was implemented



Commissioning App

Meets all requirements and **office protocols**

Thanks to advanced designed-in features and options, SpaceWise complies with all necessary regulations and requirements.

Deliver room-based control, comply with energy codes

Most energy codes for new construction and major renovation projects require switches to have manual-on / auto-off functionality. Some of the more recent codes also require daylight-dependent dimming for certain spaces.

SpaceWise meets these requirements – occupancy sensing and daylight-dependent dimming are embedded in the luminaires. The SpaceWise

compatible wireless switches let you configure the system according to the manual-on / auto-off requirements, while also providing dimming override capabilities.

For retrofit projects, the system lets you 'switch on' manually instead of automatically, using a wall-based switch that communicates wirelessly to the luminaires.



Maximum security with ZigBee

ZigBee is a standardized wireless mesh network used to support nodes and fixed, portable and moving devices globally. The highly secure protocol is the backbone of Philips' wireless networked lighting systems, protecting all devices on the lighting network and the privacy of network users. The SpaceWise system is secured by a specific network key that is different from other ZigBee networks.



Privacy aware

ZigBee protects the privacy of network users by preventing unauthorized access to the network



Authentication

The SpaceWise system is secured by a specific network key that is different from other ZigBee networks

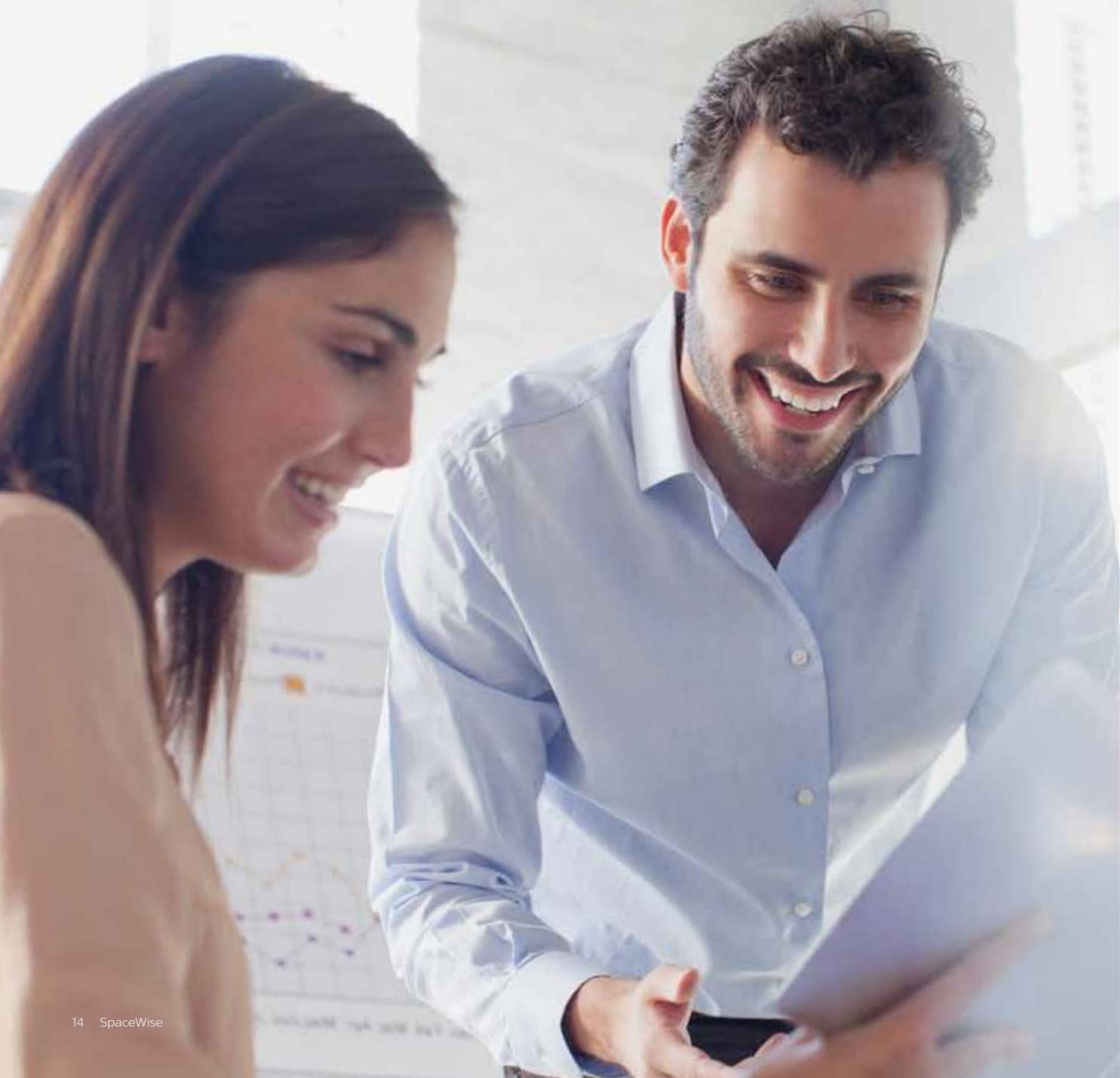


Operational security

ZigBee controls access to the network's authentication and encryption, protecting all connected systems and devices

Support throughout the entire project lifecycle

Lighting is in our DNA. We've been designing and delivering lighting installations for more than 120 years, so one thing you can bank on is peace of mind. Learn more about our pre and post installation services and choose the package and options you need.



Professional services: pre installation

We offer help at the planning stage through our unique professional services approach – by doing an initial audit and recommending a design solution to ensure best outcomes.

Audit

On-site data collection and data analysis

We make recommendations for improving performance, with a clear base line, and ensure you receive the most up-to-date information on the lighting installation

- Lead
- Scope
- Data collection
- Data analysis

Consulting

Solution design arising out of data analysis

We come up with the most cost-effective design, incorporating data from the field, and implement the design according to your precise specifications

- Solution design
- Business case
- Solution implementation
- Sign off



Lifecycle services: post installation

And post installation we offer a menu of options to choose from, with three packages, from Essential to Premium and Premium+ depending on your needs.

Essential Package

Protecting your investment

- Help desk and service ticketing
- Preventive maintenance via field support
- Corrective maintenance via remote call support
- Spare parts and additional services at discounted prices

Premium Package

Ensuring hassle-free and budgeted operation

- Everything in the Essential Package
- Comprehensive maintenance via trained service engineers for on-site service activities
- Spare-part kit and replacement for failures

Premium+ Package

Optimize performance and meet your business objectives

- Everything in the Premium Package
- Documentation and project information in a customer portal
- Ongoing user training

