interact
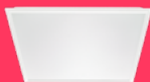
Interact Pro
for office applications

This is all you need for your smart lighting system
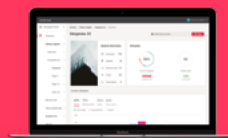
Philips Interact Ready products + Interact Pro app + Interact Pro web portal + Interact Pro gateway

iF DESIGN AWARD 2023

Simple lighting control and automation	Recommended for advanced features

Post-pandemic office lighting needs to create modern workspaces that encourage employee creativity while promoting a return to the office. The Interact Pro system, together with Philips Interact Ready luminaires, creates inviting, enjoyable spaces tailored to employees' work requirements. The Philips luminaires provide a high level of visual comfort and a pleasant ambience without consuming more energy than necessary.

Install the Interact Pro smart lighting system to deliver:

Support for sustainability
- Save energy through demand-optimized lighting
- Avoid material waste with wireless and circular lighting

More flexible and efficient workplaces
- With the Interact Pro app, easily adjust light settings to meet the changing and varying needs of your workspaces
- Monitor and maintain the lighting system

Support for a healthier environment
- Help improve employee well-being with comfortable and automated lighting
- Use scene setting for an adaptable work environment that always provides the best lighting for any task
- Help enhance employee satisfaction with personalized lighting control options

Office lighting design insights

Display reflections
Minimize reflected glare on displays by using luminaires with proper office light distribution and a low glare ratio (UGR ≤19).

Controls
Sensors are located above desks for presence detection and close to windows for daylight detection.

Brightness
Create bright walls and ceilings by using wide light beams. This will make the entire space look more spacious and pleasant.

Illuminance requirements
EN12464-1 requires ≥ 500 lux at desks. A higher illuminance level helps enhance concentration and productivity.
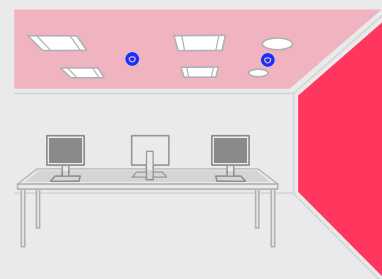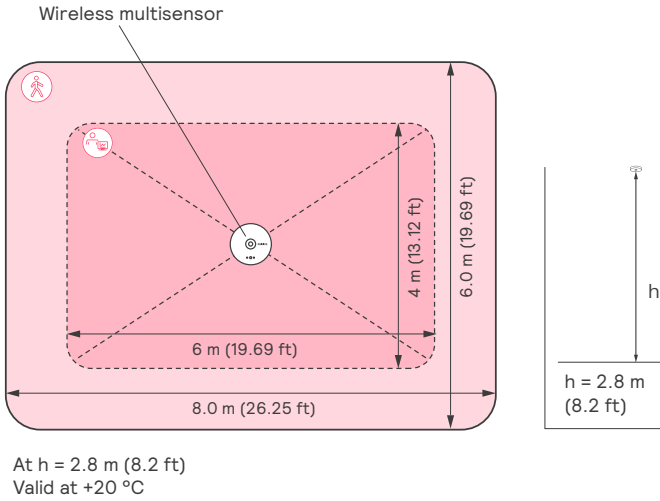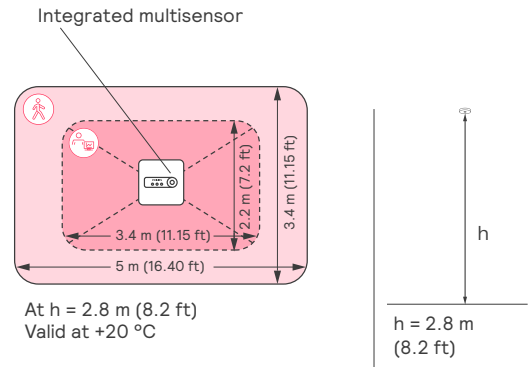
Sensor installation guidance

Easily enhance your smart lighting system with the Interact Ready external or luminaire-integrated wireless sensors. They trigger automatic responses to turn on, turn off or dim the lights according to occupancy detection and daylight variation. The result? Great energy savings and more control flexibility.

Motion detection area

With standalone wireless multisensor

Wireless multisensor

4 m (13.12 ft)

6.0 m (19.69 ft)

6 m (19.69 ft)

8.0 m (26.25 ft)

h

h = 2.8 m (8.2 ft)

At h = 2.8 m (8.2 ft)
Valid at +20 °C

With multisensor integrated in luminaire

Integrated multisensor

2.2 m (7.2 ft)

3.4 m (11.15 ft)

3.4 m (11.15 ft)

5 m (16.40 ft)

h

h = 2.8 m (8.2 ft)

At h = 2.8 m (8.2 ft)
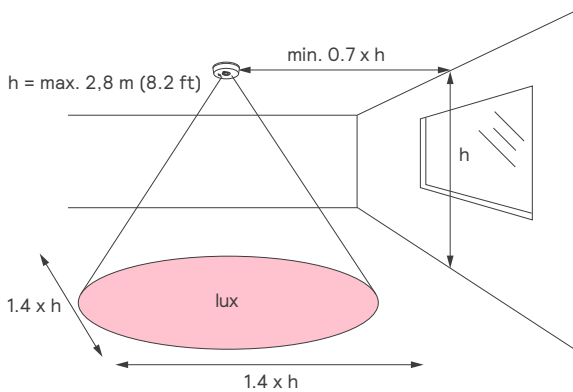Valid at +20 °C

Minor movement

Major movement

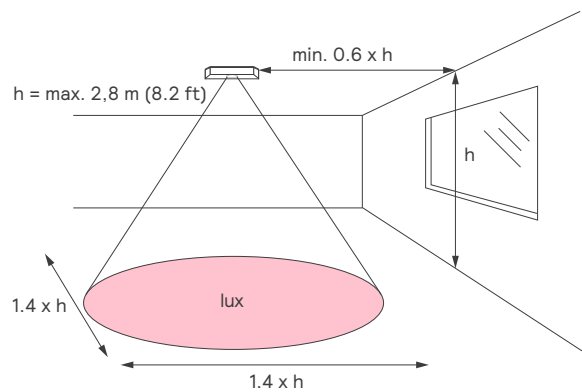Typical office application height: 2.8 m

Make sure you take the rectangular motion detection area into account when determining your sensor layout.

Daylight detection area

With standalone wireless multisensor

h = max. 2,8 m (8.2 ft)

min. 0.7 x h

h

lux

1.4 x h

1.4 x h

With multisensor integrated in luminaire

h = max. 2,8 m (8.2 ft)

min. 0.6 x h

h

lux

1.4 x h

1.4 x h

Installation guidance

Groups and zones

After installing and connecting all luminaires and controls to the Interact Pro app, you have the ability to group them together. A group consists of either zones or standalone lights. Zones enable you to control a set of luminaires as one entity, allowing them to dim or light up at the same time. You can assign luminaires to either groups or zones.

Each SNS-based luminaire has an integrated occupancy sensor that can trigger the group. Daylight regulation can be done on the basis of the individual luminaires. Additionally, each group can be activated by a maximum of 5 ZigBee Green Power sensors per group and 30 per network. Standalone lights and zones can be controlled individually to create scenes. Each zone can automatically adjust according to the amount of daylight, with sensors reacting to the light entering the office. Multisensors can also detect both movement and daylight.

Unlock more value with the Interact Pro gateway, including energy reporting, remote diagnostics, scene scheduling, off-site control, personal app control for lights and over-the-air upgrades.
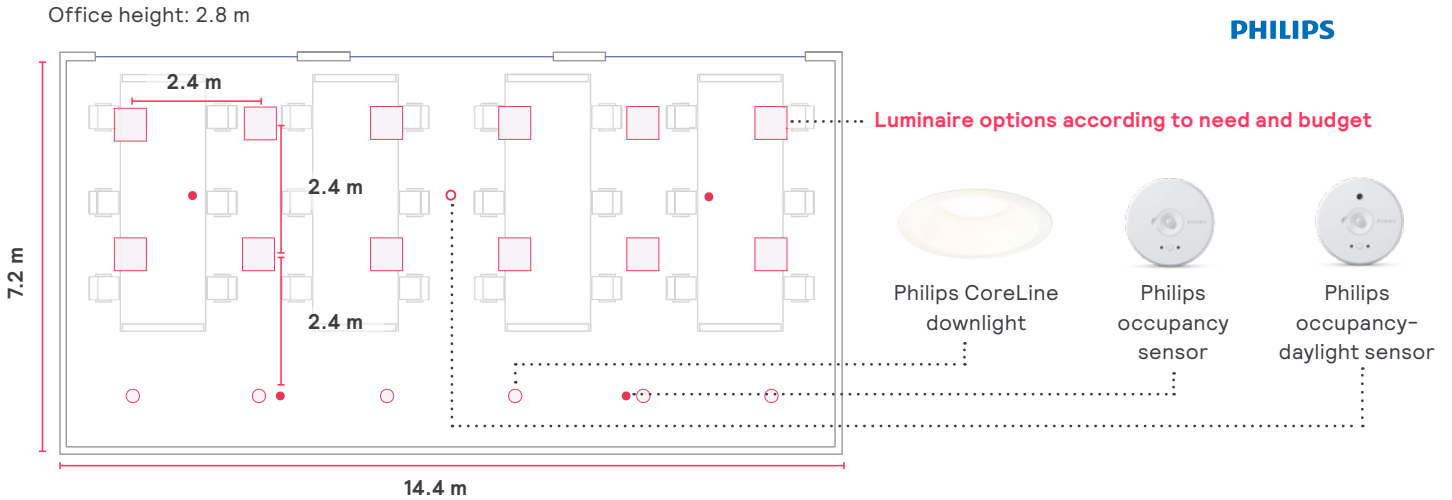

☐ ○ Luminaires	○ Multisensor (daylight)	● Occupancy sensor	☐ Luminaire with integrated sensor	Group	Zone
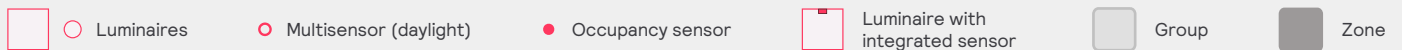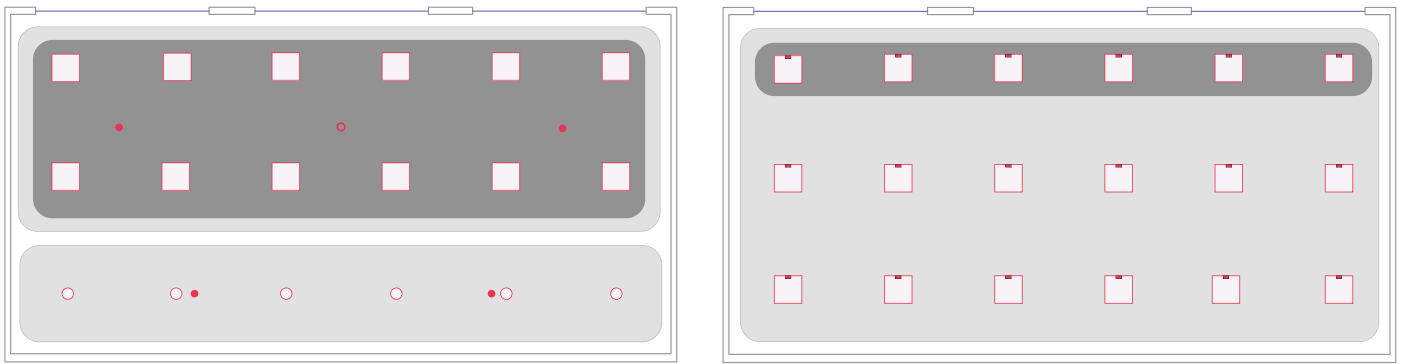
Installation guidance

Open-plan office with a typical luminaire arrangement and external sensors[1]

Office height: 2.8 m

interact ready | lighting available from
PHILIPS

Luminaire options according to need and budget

Philips CoreLine downlight | Philips occupancy sensor | Philips occupancy-daylight sensor

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Option 1: Easy to install solution with good efficiency

Budget: €○○

Product name	Quantity	Order code
Philips CoreLine panel RC132V G5 36S/840 WIA W60L60 OC	12	911401858084
Philips CoreLine downlight DN140B LED20S/830 WIA-E C	6	910505101317
Philips OCC 0100A/02 BP Sensor WH	4	913701067003
Philips OCC 0101A/02 DL BP Sensor WH	1	913701067103
Optional		
Philips Switch Dim 4B (UID8480/10)	2	913701055803

Option 2: High efficiency and ultra slim design

Budget: €€○

Product name	Quantity	Order code
CoreLine recessed RC136B 43S/840 WIA W60L60 OC	12	911401896781
Philips CoreLine downlight DN140B LED20S/830 WIA-E C	6	910505101317
Philips OCC 0100A/02 BP Sensor WH	4	913701067003
Philips OCC 0101A/02 DL BP Sensor WH	1	913701067103
Optional		
Philips Switch Dim 4B (UID8480/10)	2	913701055803

Option 3: Ultimate flexibility with a minimalistic look

Budget: €€€

Product name	Quantity	Order code
Philips KeyLine SM350C 40S/840 WIA PCS L1200 WH	12	910925868366
Philips CoreLine downlight DN140B LED20S/830 WIA-E C	6	910505101317
Philips OCC 0100A/02 BP Sensor WH	4	913701067003
Philips OCC 0101A/02 DL BP Sensor WH	1	913701067103
Optional		
Philips Switch Dim 4B (UID8480/10)	2	913701055803

[1]This meets the minimum norm requirements for office lighting

Installation guidance

Open-plan office with a typical luminaire arrangement
(sensor integrated in luminaire)[1]

Office height: 2.8 m

2.4 m

2.4 m

2.4 m

7.2 m

14.4 m

········· Luminaire option according to budget

Option 1: Easy to install solution with good efficiency
Budget: € ○ ○ ○

Product name	Quantity	Order code
Philips CoreLine panel RC132V G5 43S/840 SIA W60L60 OC IA4	18	910505102377
Optional		
Philips Switch Dim 4B (UID8480/10)	2	913701055803

Option 2: High-quality, sustainable choice[2]
Budget: € € ○ ○

Product name	Quantity	Order code
Philips SlimBlend panel RC330V 42S/940 SIA W60L60 IA5 OC	18	910505102432
Optional		
Philips Switch Dim 4B (UID8480/10)	2	913701055803

Option 3: Ultimate flexibility and super high efficiency
Budget: € € € ○

Product name	Quantity	Order code
Philips TrueLine SP530P LED40S/940 SRD U4 L1170ALU	18	910505103237
Optional		
Philips Switch Dim 4B (UID8480/10)	2	913701055803

Option 4: Tunable white-enabled lighting for well-being
Budget: € € € €

Product name	Quantity	Order code
Philips PowerBalance Tunable White RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP	18	910505103383
Optional		
Philips Switch Dim 4B (UID8480/10)	2	913701055803

Tunable white

Tunable white luminaires can easily change LED intensities and correlated color temperature (CCT) to mimic natural daylight patterns for optimal visual comfort.

Interact Pro allows you to set the default color temperature of luminaires and create scenes with a specific color temperature at group level. Luminaires automatically output the defined light level and color temperature when switched on.

[1] This meets the minimum norm requirements for office lighting

[2] Thanks to the recyclability and repairability of the product

Office product overview

Below is a selection of Philips Interact Ready products that are suitable for an office environment. All lighting complies with the new European norm EN12464-2021 in the given luminaire arrangement.

Recessed

					Surface-mounted and suspended	
PowerBalance *	SlimBlend *	TrueLine *	FlexBlend *	CoreLine recessed	TrueLine *	SlimBlend *

Panel

FlexBlend *	KeyLine	CoreLine surface-mounted	MyCreation Accent cylinder 3D	MyCreation Grand 3D	CoreLine panel	CoreLine panel *

Wall-mounted   Downlight

CoreLine wall-mounted	LuxSpace	GreenSpace	MyCreation GreenSpace PerfectFit 3D	MyCreation GreenSpace PerfectFit * 3D	MyCreation Drum 3D	CoreLine downlight

Recessed spot   Wireless external battery sensor   Mains powered external sensors

CoreLine slim downlight	LuxSpace Accent	GreenSpace Accent	CoreLine recessed spot	OCC0100A/02 BP Sensor WH	OCC0101A/02 DL BP Sensor WH	**Coming soon**

Wireless switch   Gateway   Other

Switch Dim 2B (UID8470/10)	Switch Dim 4B (UID8480/10)	Interact Pro wireless gateway	Interact Ready RF DALI Connector	DALI Extender

* Luminaires with integrated sensor

3D = 3D printed luminaires

For a complete product overview go to:
Philips.com/interact-ready

Tip: How to read our product type designations

You might stumble across the following abbreviations in the product names in the order lists of Philips Interact Ready products. Thanks to our legend, you can always order the right product with confidence.

U4 = Office sensor, with upgradable sensor slot

H4 = Highbay sensor

WIA = Wireless driver, Interact Ready

IA4 = Office sensor

Download the award-winning Interact Pro app now and see how easy it is to get started — visit **interact-lighting.com/pro**

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GET IT ON Google Play

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