



# A smart move

## Occuswitch 2<sup>nd</sup> generation

Occuswitch is a movement detector that allows energy savings of up to 30%, e.g. in office buildings, schools and hospitals. Focusing on end-users' needs in terms of energy efficiency, reliability and ease of installation, Philips has revisited its successful Occuswitch concept.

A number of adjustments and refinements have been made, resulting in a new-generation product that is both advanced and extremely user-friendly.



This product is part of the Green Flagship range

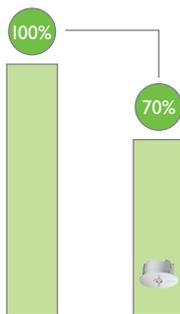
**PHILIPS**

sense and simplicity

## Occuswitch 2nd generation, a smart move

### Maximum efficiency

Occuswitch is a stand-alone movement detector that switches the lights off when an area is vacated – a simple but effective way to reduce energy consumption by up to one-third. With potential savings of this magnitude, Occuswitch offers a fast payback as well as lower total cost of ownership.



And because it facilitates compliance with the latest EU building directives, you can be sure this is a future-proof investment that will deliver lasting savings.

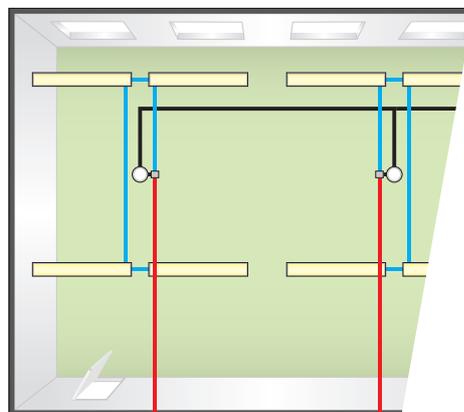
Compatible with any type of luminaire or lamp and featuring a highly sensitive presence-detection sensor, Occuswitch is a versatile solution – not just for spaces such as offices, but also for storage areas, toilets, corridors, lobbies and the like.

### Easy, flexible installation

To make installation as easy and quick as possible, Occuswitch comes equipped with Wieland plug connectors. However, it can also be connected to conventional wiring – a dedicated connector again ensuring maximum ease of installation.

Several Occuswitches can be grouped to cover larger areas, e.g. an open-plan office.

Offering added flexibility, Occuswitch is available in a version that allows parallel operation, even when installed on different mains groups.



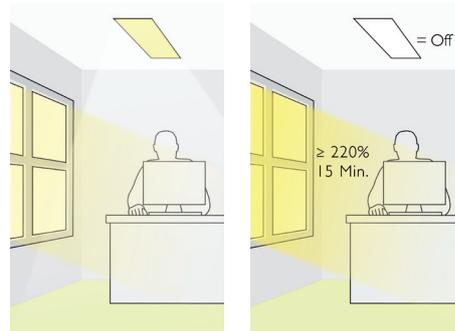
### Daylight switching

Occuswitch features daylight override as standard. This prevents the lights from switching on when there is sufficient daylight present.

Maximizing Occuswitch's energy-saving potential, daylight switching is available as an option. This can generate additional savings of up to as much as 20% on electricity consumption, by switching the lights off when there is enough incident daylight.

In order to maintain visual comfort, Occuswitch does not abruptly switch the lights off as soon as there is sufficient daylight. Instead, it waits until the general light level has reached 220% of the required minimum for 15 minutes and then switches the lights off.

Conversely, the lighting is switched on as soon as the light level falls below the required minimum. This ensures that users always have enough light.



### Additional features

Occuswitch has a number of extra features that add to the effectiveness and convenience of this user-friendly control unit.

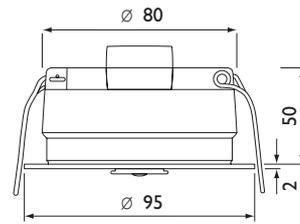
For example, a retractable shield can be deployed to screen off areas like corridors next to the detection zone, so that the unit is not activated unnecessarily.

Also, remote-control functionality means that the user can always overrule the system.

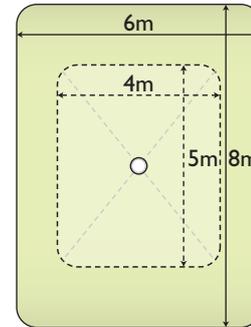
And the highly sensitive presence-detection sensor is further enhanced with a smart timer that automatically extends the delay if the occupants of a room are making less movement than usual.

## Technical data

Mains input	230Vac ±10%; 50 .. 60Hz ±5%
Max load	6 A. (1380 VA), any load
Operating conditions	
Temperature	5 .. 50 °C
Connector	3-pole screw terminal wiring up to 2,5 mm <sup>2</sup>
Wieland cable	LCC1070 GST18i3 male + female
Cable	PVC
Optional	GST18i4 halogen free cable
Protection Class	IP20
Colour	RAL 9010
Flammability	UL94 V-0
Glow wire test	960 °C/5s
Light levels	250 .. 1000 lux
Mounting height	2,5 .. 3,5 m.
Mounting hole size	80 .. 82 mm
LRM1080 only	
Functionality	Parallel operation (max 10) Manual override with IR remote control
Connector	2-pole screw wiring up to 1,5 mm <sup>2</sup>
Remote tool	IRT8099 Light level calibration IR group setting



Dimensions in mm



Detection pattern



Ceiling box (LRH1070)



Wieland cable (LCC1070)

## Ordering data

Product	Type	Ordering number	EOC
Occuswitch basic	LRM1070/00 SENSR MOV DET ST	9137 003 27803	73138499
Occuswitch advanced	LRM1080/00 SENSR MOV DET ST IR	9137 003 27903	73140799
Surface box	LRH1070/00 SENSR SURFACE BOX	9137 003 28003	73143899
Wieland cable GST 18 3-pole	LCC1070/00 PIR T-CABLE 3P	9137 003 30303	73177399



For more information: [www.philips.com/occuswitch](http://www.philips.com/occuswitch)



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Document order number: 3222 636 04350