

the **e** senses

e-Sense **BrightSwitch**

## e-Sense **BrightSwitch – Lighting control the easy way**

BrightSwitch is a control system with a PIR-sensor that provides automatic on/off with presence detection and a lux threshold that prevents the sensor from reacting to presence if there is sufficient light in the room.

With the remote control the delay time can be set in fixed steps, from 5 seconds–60 minutes. The Lux threshold can be set in three levels, or with a manual setting of the current light level.

e-Sense Bright Switch with absence dampening is adapted to rooms that are used sparingly, e.g. copy, store, hallways or corridors. The lighting is at a constant low level (20%) to counteract the impression of a completely darkened room. When presence is detected, the light level is adjusted to 100 %. If you want to turn off the luminaire completely, this can be done centrally. Fittings are delivered with a delay time of 10 minutes and lux threshold deactivated.

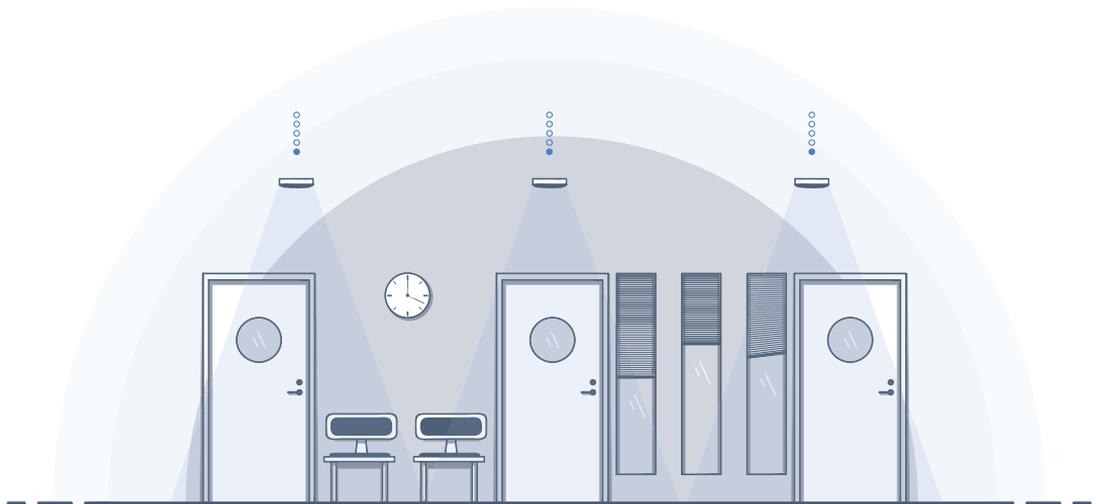


### e-Sense **BrightSwitch – Remote control**

Settings for delay time and lux threshold are made with a remote control (order as an accessory).

Remote control

86359



## e-Sense **BrightSwitch**

e-Sense BrightSwitch is a lighting control system where an integrated PIR sensor controls the connected luminaires. BrightSwitch provides automatic on/off or dimming between high/low level that is controlled by presence and the ambient light.



PRESENCE CONTROL



LUX THRESHOLD



REMOTE CONTROL



Energy saving  $\leq$

**70%**



### e-Sense **BrightSwitch - On/Off**

With e-Sense BrightSwitch the sensor turns the light on at presence and off after a set delay via a relay. A selected lux threshold value prevents presence detection when daylight is sufficient. Luminaries are supplied without a dimmable ballast.



LUX THRESHOLD



ABSENCE DAMPENING

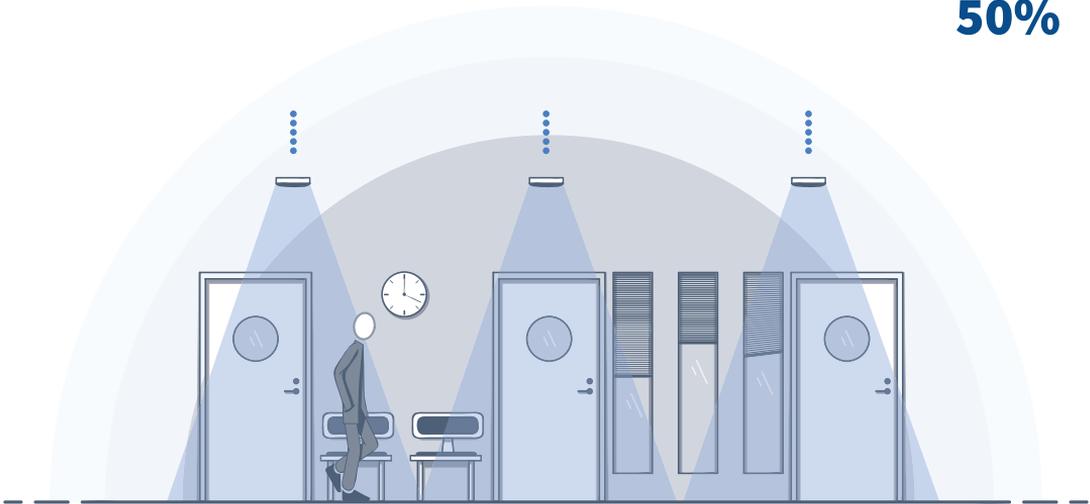


REMOTE CONTROL



Energy saving  $\leq$

**50%**



### e-Sense **BrightSwitch – Absence dampening**

With absence dampening the room is lit to a low level (approx 20%). At presence detection, the light level goes to 100 %. After last detection, and set time delay, the light goes back on at a low level. A selected lux threshold value prevents presence detection when daylight is sufficient. Luminaries are supplied with a phase pulse control ballast.

## Advantages

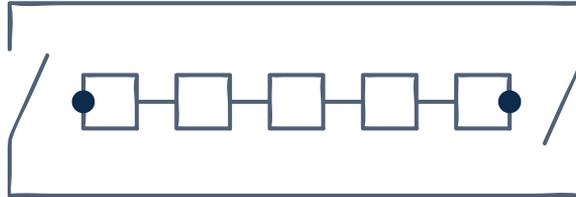
### e-Sense **BrightSwitch – On/Off**

- Integrated sensor
- Several master luminaries can interact
- Possibility to control six fixtures (master and slaves) via the relay control
- Variable OFF delay time in fixed steps  
5 sec - 1 min - 5 min - 10 min - 30 min - 60 min
- Setting for lux threshold

### e-Sense **BrightSwitch – Absence dampening**

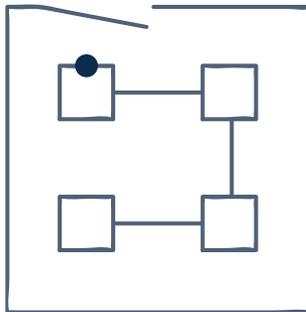
- Integrated sensor
- Several master luminaries can interact
- Possibility to control more slave fittings (the number depends on the 1-phase fuse) via phase pulse control
- Variable dampening delay time in fixed steps  
5 sec - 1 min - 5 min - 10 min - 30 min - 60 min
- Setting for lux threshold

e-Sense **BrightSwitch - Absence dampening**



- Integrated sensor (master)
- Phase pulse connection

e-Sense **BrightSwitch - On/Off**



- Integrated sensor
- Relayed phase

FAGERHULT