

the **e** senses

e-Sense **Move Highbay**

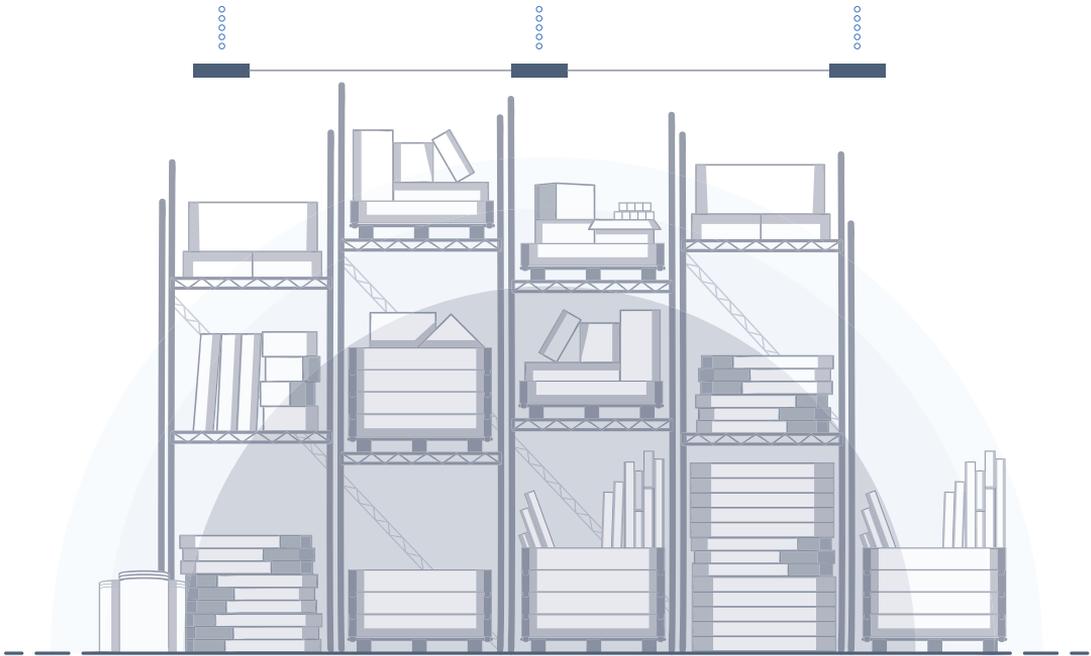
e-Sense **Move Highbay**

## **Flexible lighting control for industrial spaces**

Due to its varying occupancy level's industrial applications can particularly benefit from presence detection to avoid unnecessarily lit spaces. One such example is warehouse aisles. With a number of presence sensors over the aisle the light can be turned on or dimmed up from a low level when a forklift enters. After a certain period of time the lighting is dimmed down or turned off. Normally you can keep times relatively short in such aisles.

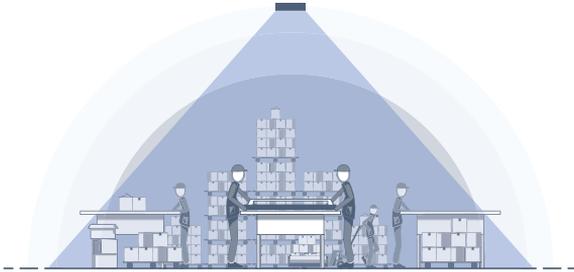
There are two primary presence detection technologies; Microwave and PIR. Microwave sensors are activated by movement, while PIR respond to variations in the 'heat' such as a warm body. There are pros and cons of each version.

e-Sense Move High-bay is a lighting control system for industrial applications. Once presence is detected, a predetermined number of luminaires light up at a defined level helping to create a seamless yet energy efficient navigation throughout the space. e-Sense Move High-bay is available with either an isle or open area lens for application specific detection areas.



## e-Sense **Move Highbay**

e-Sense Move High-bay is an innovative control system developed specifically for industrial environments. It is equipped with a dual microwave/ PIR sensor which can be easily configured or reconfigured via a remote control, helping future proof the installation should the layout or use of the space change.

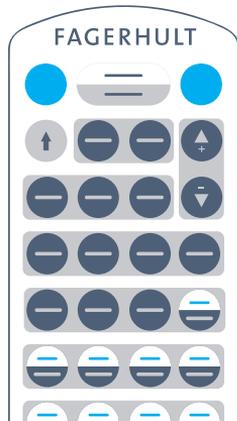
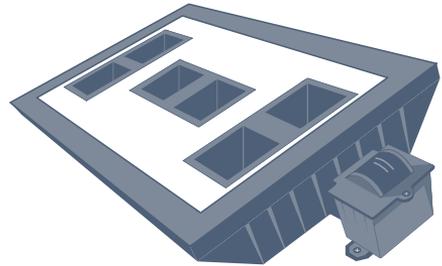


## Sensors for application areas

To further optimise the system, e-Sense Move High-bay can be supplied with two different lenses. The Isle optic focuses the detection range in a narrow, rectangular fashion, while the Open Area lens has a medium/wide distribution for wider spaces.

## Quick installation via a remote control

The number of 'linked' luminaires, the low and high light level, the delay times between full, low and off and the desired detection sensor are all configured via a remote control. After configuring the first luminaire, you can save the settings and then apply them on a luminaire by luminaire basis which significantly reduces commissioning time in areas where a large number of luminaires should all act in the same fashion.



Define the light settings or change detection technique via the remote control.

## Microwave or PIR

A Microwave sensor can detect movement through thin physical constructions, such as doors, and the sensitivity can be easily adjusted. However, in applications where luminaires are situated near non-static technology, such as air ventilation systems which can activate detection via their vibration, the PIR functionality is specifically relevant.



PRESENCE CONTROL



LUXTHRESHOLD



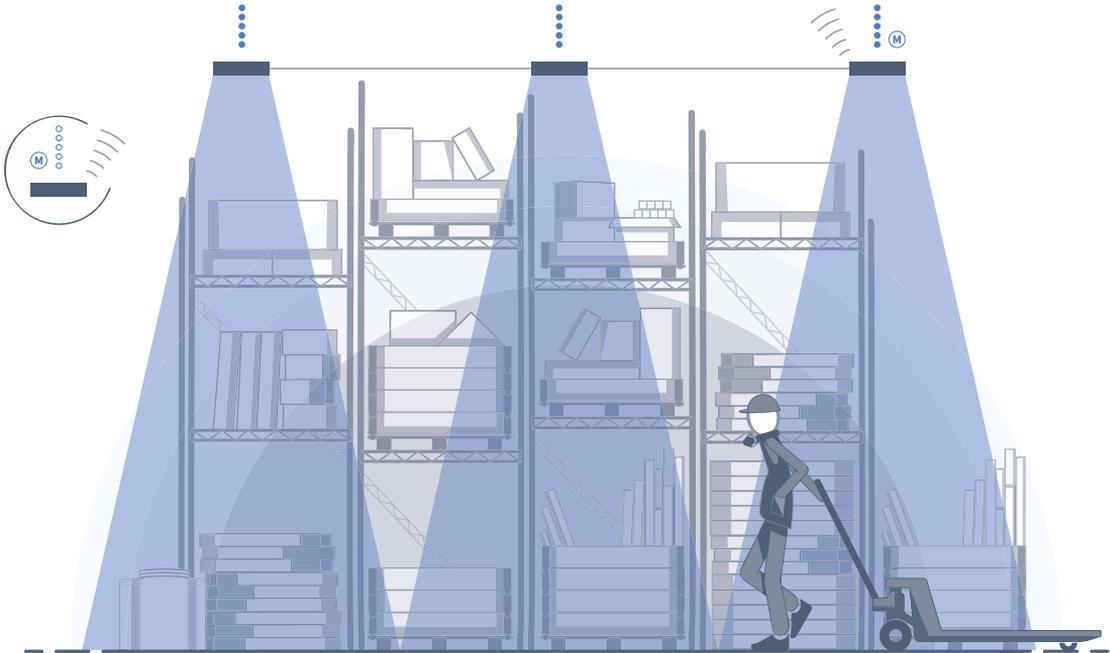
WIRELESS COMMUNICATION



ABSENCE DETECTION TO SWITCH OFF



REMOTE CONTROL



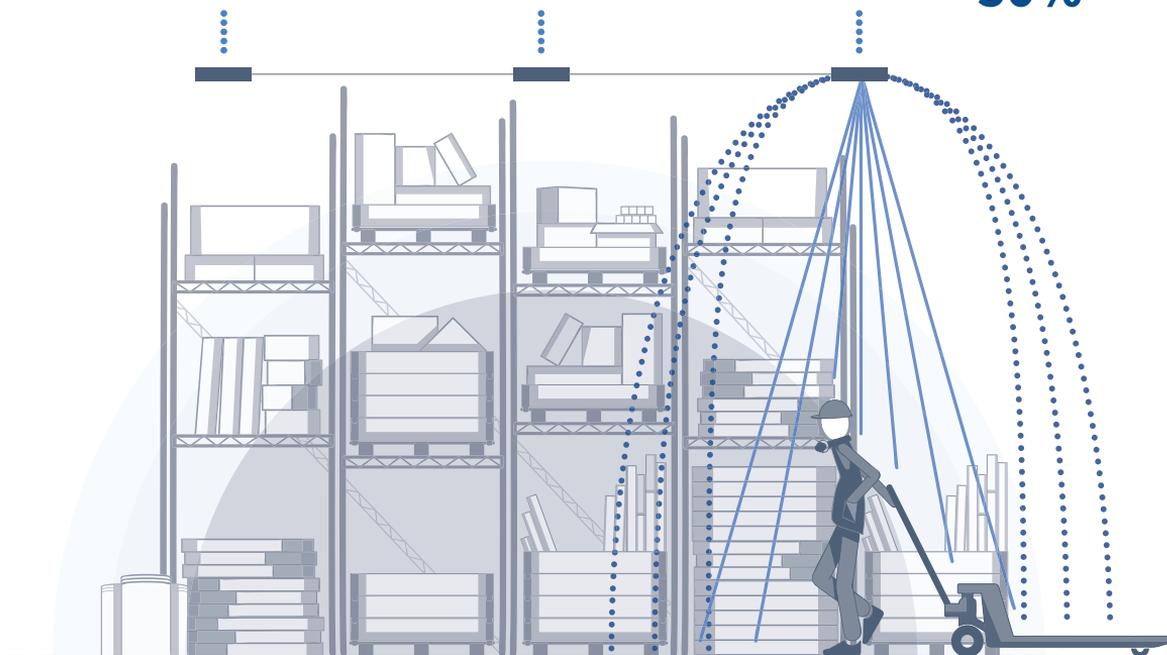
### e-Sense **Move Highbay - Industrial control**

e-Sense Move Highbay is a lighting control system where the sensors communicate via radio frequency. The sensors are integrated into a master luminaire which can then be connected to up to 20 slave luminaires. When presence is detected, information is sent to up to 15 master luminaires which then turn on, either at a full output or at defined levels specified during the commissioning process.



Energy savings of ≤

**50%**



### e-Sense **Move Highbay - Dual sensors**

The system is equipped with a dual Microwave and PIR sensor which enables you to switch between presence detection techniques or utilise both simultaneously. e-Sense Move Highbays ability to alternate within the same fitting offers unparalleled flexibility should layout or use of the space change over time.

## Advantages

- Dual sensor to switch between microwave or PIR presence detection techniques.
- The system can be configured to activate when either the PIR or Microwave sensor detects presence or when both do.
- The system works in areas with ceiling heights up to 12m. The communication between master luminaires can extend up to 44m.
- Optimised lens for narrow aisle applications or wider openplan areas with frequent movement.
- Once one luminaire is commissioned, the settings can be saved and applied to all luminaires sharing the same functionality at a press of a button.
- A variety of lux setting options ensures the system responds to the natural light in the room for optimal energy savings.

## Accessories

IR dongle	<b>86279</b>	
Sensor Node link kit	<b>86286</b>	
Wall switch 6 button	<b>86384</b>	
External sensor recessed	1m cable <b>86361</b>	3.3m cable <b>86362</b>
External sensor surface	1m cable <b>86363</b>	3.3m cable <b>86364</b>
External sensor tube	1m cable <b>86365</b>	3.3m cable <b>86366</b>
Ethernet gateway kit	<b>86285</b>	

Android-app

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