

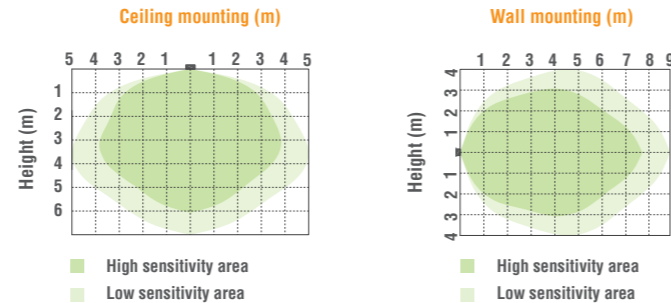
# Sensor On-off

Dynalux luminaires can build with HF ON-OFF sensor to achieve auto-control. Switch on 100% upon motion detection and switch off after the hold time has elapsed. The built-in daylight sensor prevent the luminaire from switching on if there is sufficient natural light.

## Features & Benefits

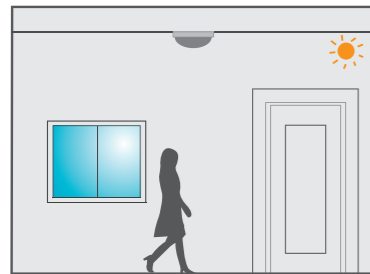
- Fully automatic, maintenance free.
- Detection range (diameter x height): Max. 10m x 6m
- Selectable hold-time, sensitivity and daylight sensor.
- Optional Photocell Advance™ Technology.
- Energy saving: 50% ~ 70%.

## Detection Pattern



## Application Example

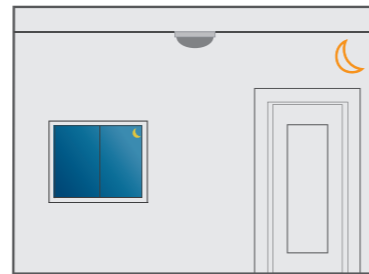
Sensor Settings Demonstration: Hold-time: 10min Sensitivity: 100% Daylight Threshold: 50Lux



With sufficient natural light, the light does not switch on when presence is detected.

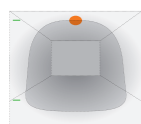


The light switches on automatically when natural light is below daylight threshold and presence is detected.



The light switches off automatically after the hold-time and no presence is detected.

## Sensor Setting Options



**Sensitivity**  
Detection area can be adjusted by selecting the combination on the DIP switches to suit each application.  
Sensitivity option: 100% / 75% / 50% / 25% / 10%



**Daylight Threshold**  
The daylight threshold can be set on DIP switches to suit each application.  
Daylight sensor options: 2Lux/10Lux/50Lux/disable.



**Hold-time**  
Hold-time is the period the lamp stays on 100% after the person has left the detection area.  
Hold-time options: 5s/30s/1min/5min/10min/20min/30min.

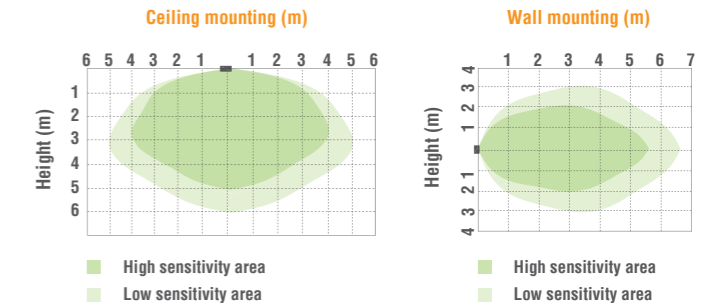
\*Factory settings can be customized upon request.

# SensorDIM™ (Bi-level / Tri-level Dimming)

## Features & Benefits

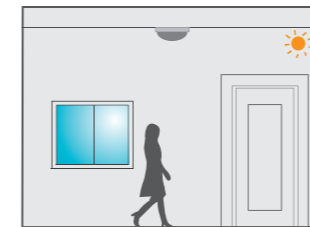
- Fully automatic, maintenance free.
- Detection range (diameter x height): Max. 10m x 6m
- Selectable hold-time, sensitivity, daylight sensor, stand-by time and stand-by dimming level.
- Optional Photocell Advance™ technology.
- Energy saving up to 30~50%.

## Detection Pattern

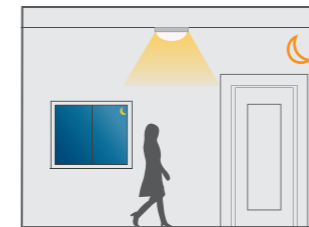


## Application Example

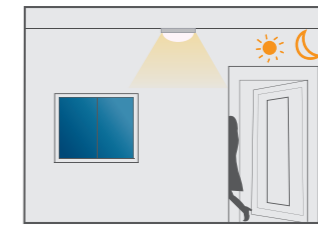
Sensor Settings Demonstration: Hold-time: 10min Sensitivity: 100% Daylight Threshold: 50Lux Stand-by Period: 5min Stand-by Dimming Level: 10%



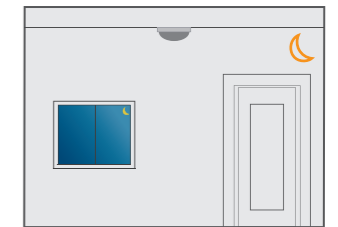
With sufficient natural light, the light does not switch on when presence is detected.



The light switches on automatically when natural light is below daylight threshold and presence is detected.

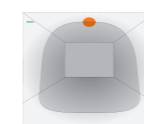


The light dims to preset stand-by dimming level if no presence is detected during the hold-time.



The light switches off automatically after the hold-time and no presence is detected.

## Sensor Setting Options



**Sensitivity**  
Detection area can be adjusted by selecting the combination on the DIP switches to suit each application.  
Sensitivity option: 100% / 75% / 50% / 25% / 10%



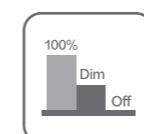
**Daylight Threshold**  
The daylight threshold can be set on DIP switches to suit each application.  
Daylight sensor options: 2Lux/10Lux/50Lux/Disable.



**Hold-time**  
Hold-time is the period the lamp stays on 100% after the person has left the detection area.  
Hold-time options: 5s/30s/1min/5min/10min/20min/30min.



**Stand-by Period (Corridor Function)**  
This is the time period required at the low light level before it is switched off after the absence of people.  
Stand-by period options: 0s/10s/1min/5min/10min/30min/1h/+∞.  
\*Set stand-by time at infinity for bi-level control.



**Stand-by Dimming Level**  
This is the dimmed low light output level you would like to have after the hold-time in the absence of people.  
Stand-by dimming level options: 10%/20%/30%/50%.

\*Factory settings can be customized upon request.