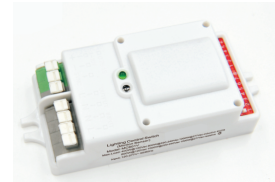


SpaceControl

A stand alone LED lighting

with integrated occupancy sensing and daylight harvesting designed

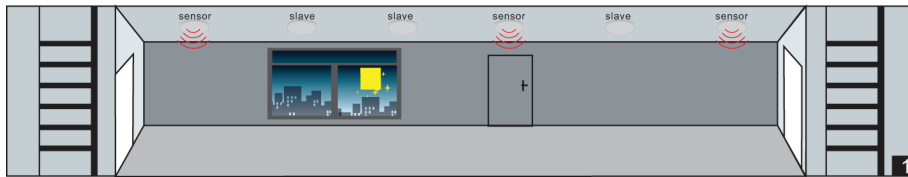


Our LED troffers and high bay lighting integrated with SpaceControl lighting system can provide 3-step dimming, Motion on/off and Daylight Harvesting functions without recircuiting or new control wires to achieve additional 50-90% energy saving.

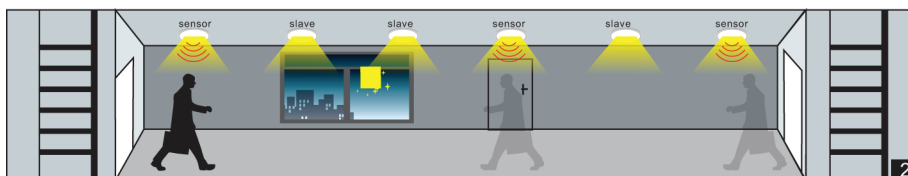
Dimming Function

3-step dimming function

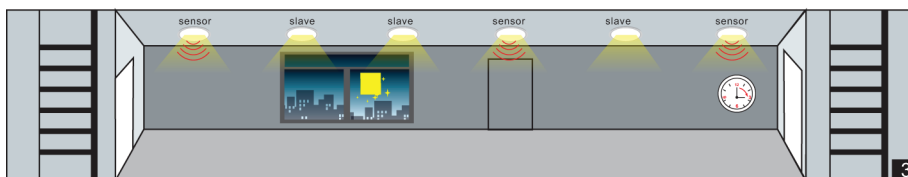
A room with multiple lamps that were controlled by sensors. When the motion is detected by any one of sensors, the motion signal will be transmitted to other sensors to enable all lamps to switch on at the same time.



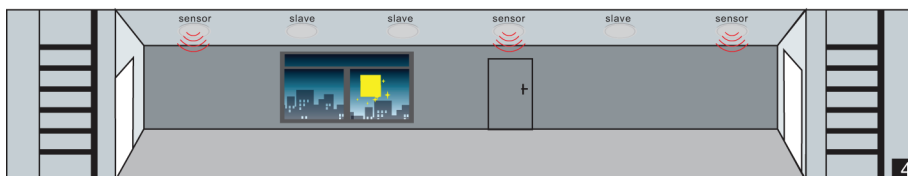
- No motion detected, all lamps stay "Off"



- Any movement is detected from any direction will trigger all lamps to be "On"



-No motion is detected after hold time. All lamps will dim to a set low light level.



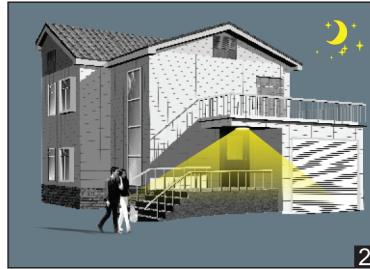
-All lamps will switch "Off" if no movement is detected after stand-by period.

ON -OFF Function

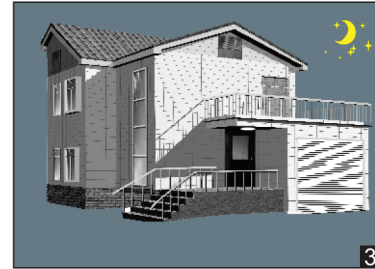
The light will turn on when the sensor detects the movement and will turn off after a hold time when no motion is detected. A built-in daylight sensor will set the light level and the light will turn on only if the surrounding brightness is below the set level.



With sufficient surrounding light, the lamp will not turn on even motion is detected.



The lamp will be on if the motion is detected and the surrounding light is lower than set light level.



The lamp will turn off after hold time and no motion is detected.

Daylight Harvesting



When used in combination with the above daylight sensor, the system can automatically control the brightness depending upon the surrounding light.



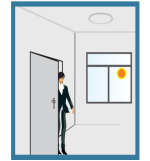
The lamp stays off if ambient light is higher than the preset light level,



The lamp turns on if ambient light is lower than the preset light level and motion is detected.



The lamp will light on 100% illumination or dim to and maintain the preset light level.



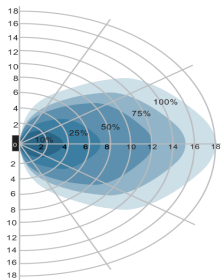
The lamp will turn off if there is sufficient illumination even the motion is detected.



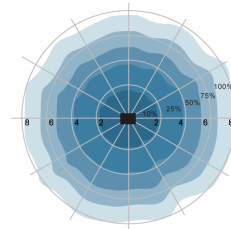
The lamp will dim to a stand-by level if no motion is detected after hold time and finally turn off after stand-by period.



Detection Pattern



Wall mount pattern



Ceiling mount pattern