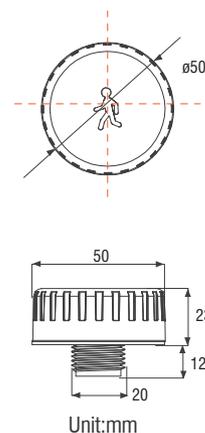
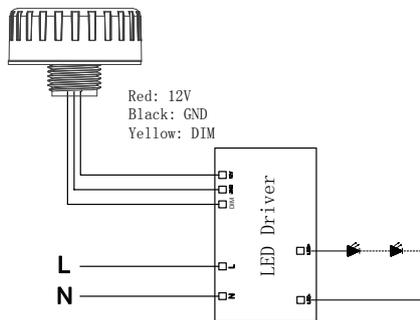
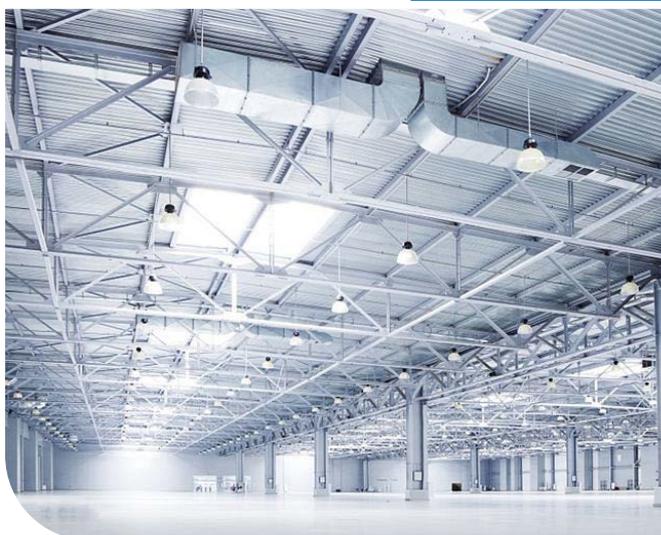
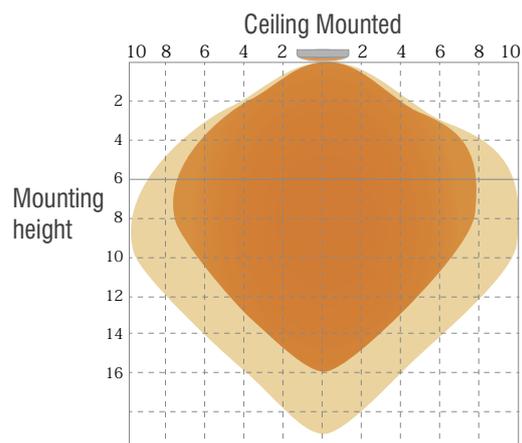


## HBS High Bay Occupancy Sensor



Wiring diagram

Unit:mm



On/off control



Stand-by period



Daylight  
On/off control



Detection area



Stand-by  
dimming level



10-15M Highbay



Hold time



Remote control  
setting



Warranty  
5 years



Daylight sensor

### 01 Technical data

Operating voltage	10-15V DC
Operating current	30mA±5%
Output	DIM 1-10V
Stand-by power	<0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+ ∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Detection angle	30-150°
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.Ø14m(ceiling mounted)
Operating temperature	-20°C~+60°C
IP rating	IP65

### Memory & Apply Mode

1. Press "ON/OFF button" to turn on the light or off.
2. To reset the parameters, Please follow the steps as below:  
 Step 1 – Press ON, to turn on the light if it was off at the start.  
 Step 2 – Press "Start" to the well-setting sensor.  
 Step 3 – Press the button of Detection range, Hold time, Stand-by dimming level, Stand-by period and Daylight threshold one after the other in sequence (Press "+/-" to set parameters).  
 Step 5 – Press "Memory" to memorize the settings.  
**Note: The interval of each parameter setting shall be controlled within 30s.**

3. To programme other lights in the array that have similar sensors to the same programme.  
 Step 1 – Press "ON" to the second sensor  
 Step 2 – Press "Apply"

### Isolated Setting Mode

1. Press "ON/OFF button" to turn on the light or off. Press "Scene", the remote will activate settings that were saved last or remain at the factory default settings.
2. To reset the parameters, Please follow the steps as below:  
 Step 1 – Press ON, to turn on the light if it was off at the start.  
 Step 2 – Press any button of "Scene", Test" and "Apply" to begin the sensor detection mode.  
 Step 3 – Press the button of Detection range, Hold time, Stand-by dimming level, Stand-by period and Daylight threshold one after the other in sequence.

#### Notes:

1. Settings will be saved automatically and remain until you press reset again.
2. Light will flicker when setting each parameter.
3. The icon will flash when setting the corresponding parameter.

#### ON/OFF

1. "ON/OFF" key only functions as a switch of the light.
2. If press this button to turn off the lamp before it's short-circuited, the lamp will remain off after power-on again.

#### WM/PIR

Change from the microwave sensor function to PIR sensor function, and the other around.

#### Scene

Press "Reset" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled.

**Start** Press the button before choosing the parameters.

**Memory** Press the button after choosing all the parameters to save them.

**Apply** Press the button to deliver the saved settings to the other sensors directly.



#### Hold time

The period of light keeping 100% brightness after moving objects leave the detection area.



#### Stand-by period

The period of light keeping low output before it gets completely off. When it's preset as --, the light always keep at low output even no movement in the detection area.

#### Power %

Press the button to change the output power from 0% to 100%, it changes 5% every press.

#### Test (2s)

The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode (hold time is only 2s).



Increase or decrease the parameters.



#### Daylight Threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless of the ambient lux level.



#### Stand-by dimming level

The definition of low output during the standby period.



#### Detection Area

The area in which movement will trigger the sensor, 100% detection area also means strong sensitivity.

