

Configuration of the detecting function

The configuration of the detecting function is by setting the DIP switch.

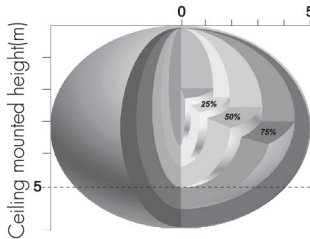


DESCRIPTION OF MICROWAVE SENSOR

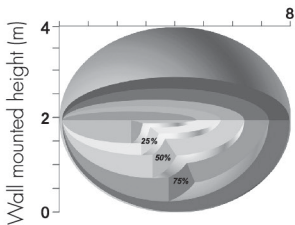
Detection zone Max (D x H): 5m x 5m  
Detecting distance: 25% - 100%, adjustable  
Light sensibility: 10-100 lux, adjustable  
Hold time: 5sec-5min, adjustable  
Stand-by Period: 0sec - , adjustable  
Mounting height: 5m Max.  
Detection angle: 150° (Ceiling and wall installation)

Default sensor factory settings:

Detecting distance: 100%  
Hold time: 1min  
Stand-by Period: 60min (@30%)



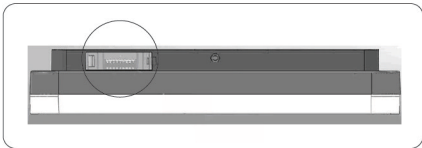
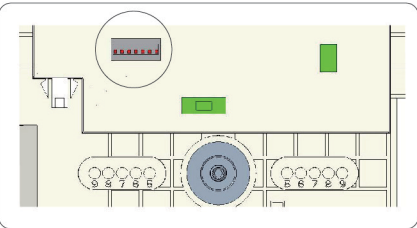
Ceiling mounted detection area (Unit: m)  
Suggested installation height: 3m



Wall mounted detection area (Unit: m)  
Suggested installation height: 2m

<<Finding the DIP switch>>

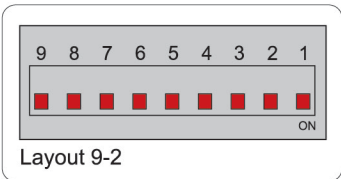
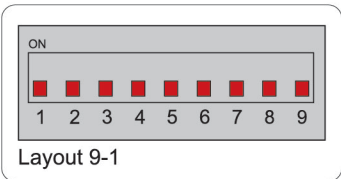
Depending on specific luminaire, you will find the DIPswitch as shown below.



<<Choosing the Setting table>>

1. Finding the same Layout of DIP switch as your luminaire.
2. According to the function of your luminaire, select the table.
3. Setup your own configuration by referring the selected table.

9P DIP switch



Table\_MSC9

Detecting distance			Delay			Light sensibility			Delay on dimmed light			Dimmed light	
Nr.	1	2	Nr.	3	4	Nr.	5	6	Nr.	7	8	Nr.	9
25%	ON	ON	5S	ON	ON	24H*	ON	ON	0S	ON	ON	10%	ON
50%	ON	OFF	[1M]	ON	OFF	[10 lux]	ON	OFF	30M	ON	OFF	[30%]	OFF
75%	OFF	ON	3M	OFF	ON	50 lux	OFF	ON	[60M]	OFF	ON		
[100%]	OFF	OFF	5M	OFF	OFF	100 lux	OFF	OFF	∞**	OFF	OFF		
[DEFAULT SETTING]    100% : 5 Meters                      * No light sensing.													

\* The dimmed light will be constantly ON unless the surroundings brightness is higher than the setting of light sensibility.

## <<Relay function>>

### 1. One Location Sensor:

By connecting the L of one or more non-dimmable luminaire to the L' of sensor luminaire meanwhile, connecting the N of one or more non-dimmable luminaire to N of sensor luminaire.

1.1 The non-dimmable luminaire will be turned on/off with sensor luminaire at the same time.

\* 1.2 The non-dimmable luminaire will be turned off while sensor luminaire on dimmed light or be turned off.

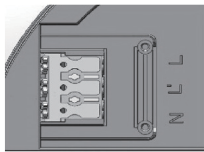
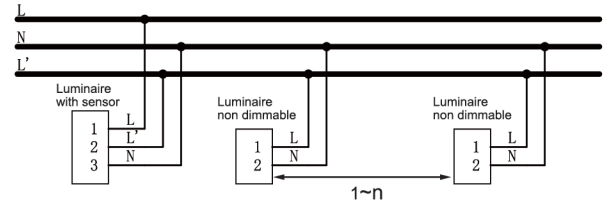
### 2. Multiple Location Sensing:

By a combination of more than one sensor and non-dimmable luminaire, you may achieve multiple location sensing function. Be aware of that.

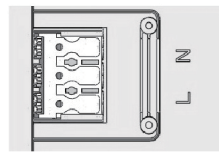
2.1 All sensor luminaire have to be connected to each other in the following way: N to N; L to L; L' to L';

2.2 All the non-dimmable version luminaires has to be connected in the following way: N to N; L to L';

### One Location



Terminal of luminaire with motion sensor



Terminal of luminaire same model Non Dimmable

$m \leq 100$  PCS

n refer to following table:

NOTE:  $n \leq \max 170W$

Wattage	Quantites (n)	Wattage	Quantites (n)
10W	17PCS	29W	5PCS
15W	11PCS	32W	5PCS
18W	9PCS	38W	4PCS
24W	7PCS		

### Multiple Locations

