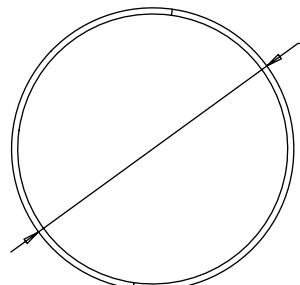
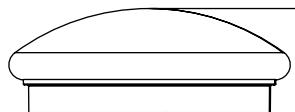
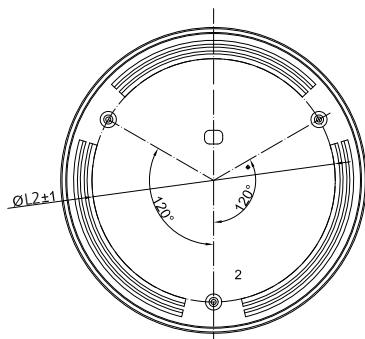
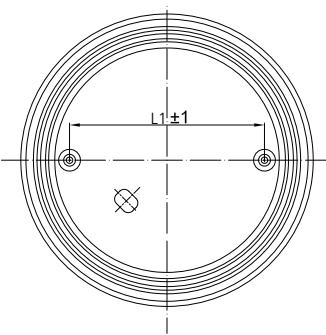


0043260-0043265  
0043280-0043283

IS500 IP44



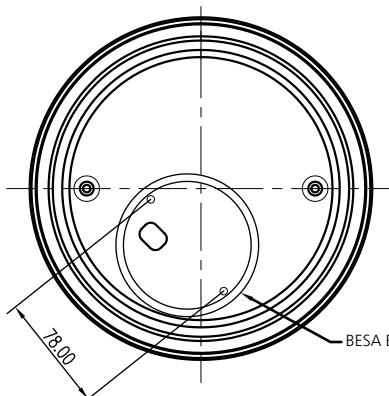
$\varnothing d$   
d = 180mm 6W  
d = 260mm 12W  
d = 340mm 18W  
d = 380mm 24W



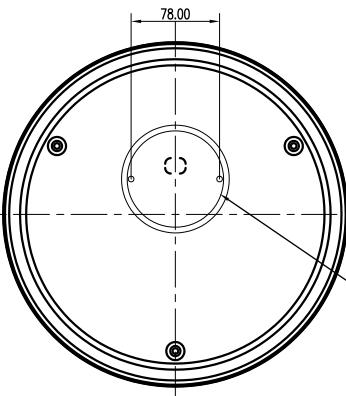
h = 75mm 6W  
h = 85mm 12W  
h = 95mm 18W  
h = 105mm 24W

L1 = 70mm 6W  
L1 = 152mm 12W

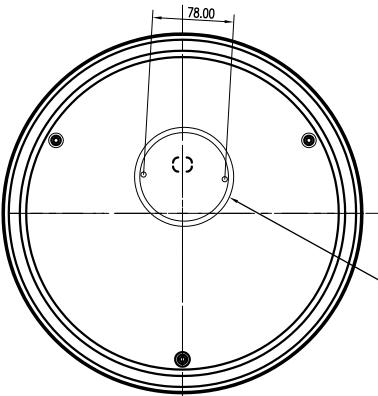
L2 = 241mm 18W  
L2 = 280mm 24W



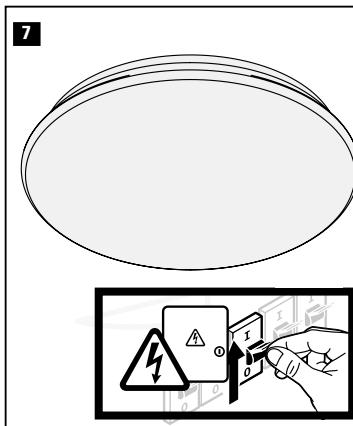
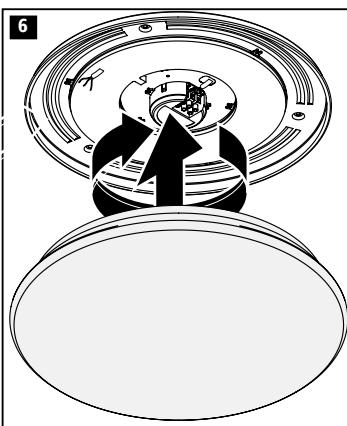
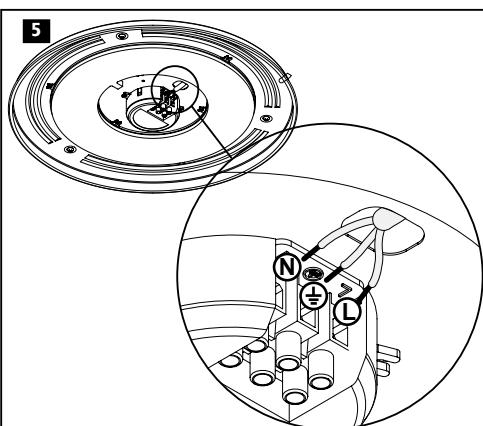
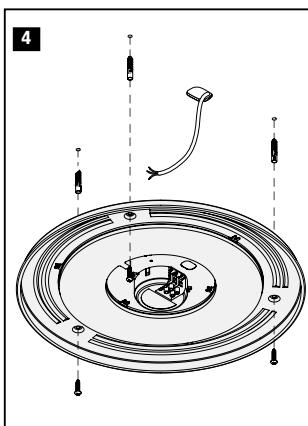
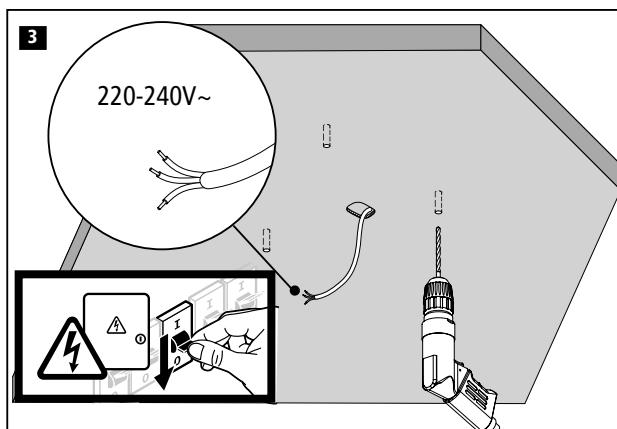
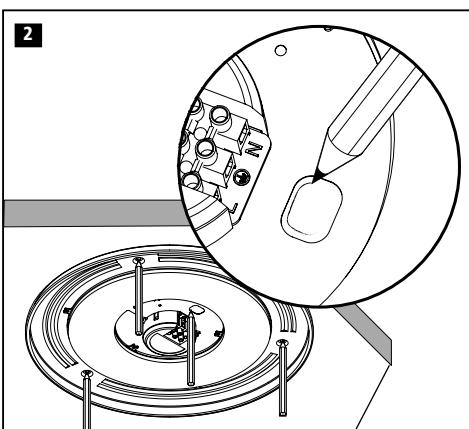
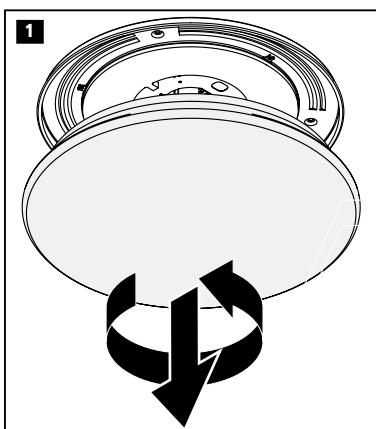
12W



18W



24W



## ■ Microwave Sensor YG-01 instruction

### UTILIZING FIELD AND INTRODUCTION

The product is a moving object sensor that can detect range of 360° and its working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -15°C~+70°C), SK605B adopts a microwave sensor (high-frequency output <0.2mW), so that it is safe and performs better than infrared sensor.

It can be installed inside of product which is made of glass and plastic because microwave can go through them effect to microwave. Connect the product as below: you can change a common light into an automatic light.

### SPECIFICATIONS

Power source: 220-240V/AC

Power frequency: 50/60Hz

Transmission power: <0.2mW

Rated load:

1000W/5A, Max, incandescent lamp ( $\cos\phi=1$ )

300W/2.5A, Max, fluorescent lamp and LED lamp ( $\cos\phi=0.5$ )

HF system: 5.8GHz CW electric wave, ISM band

Detection angle: 360°

Time setting: 10sec±3sec/3min±10sec/6min±30sec  
/12min±1min (adjustable)

Light-control: 24H/10LUX/50LUX/100LUX (adjustable)

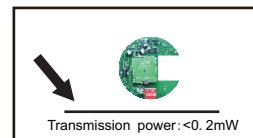
Installation sit: indoors, ceiling mounting

Working temperature: -15°C~+60°C

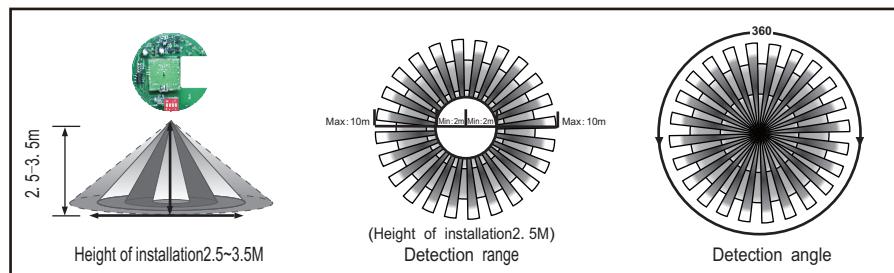
Power consumption: approx. 0.5W

Transmission power: <0.2mW

**NOTE:** The high-frequency output of this sensor is <0.2mW- that is just one 5000<sup>th</sup> of the transmission power of a mobile phone or the output of a microwave oven.



### SENSOR INFORMATION



#### Warning!

The product can not work normally if there is metal material in front of the installed place.



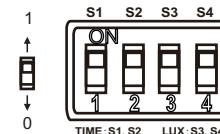
Non-metal material  
when the sensor is installed inside the ceiling floor,  
the sensitivity to light will be invalid.

This product will be faithfully waiting for you. It will turn on the light automatically when you pass by, and turn off the light automatically when you leave off. You can set the closing delay time to meet your needs. For example, you may adjust the TIME sliding controller to select the delay time 10sec~30min when you think you will come back in 30mins. The TIME sliding controller is as follow (Keep away from the detecting zone after adjusting the testing time or that the detecting time will be inaccurate when any moving object is detected again by the product).

### PARAMETER SETTING

Shown as chart below : By setting S1,S2 to set the delay time of products, by setting the S3, S4 to set the light-control of products.

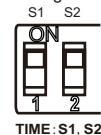
## ■ Microwave Sensor YG-01 instruction



### TIME SETTING

The light can be set to stay ON for any period of time between approx. 10sec and a maximum of 12min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.

Pull switch to the ON position as "1", pull switch to the OFF position as "0", switch location and detection range of the corresponding table is as follows:

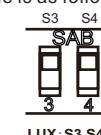


S1	S2	TIME
0	0	10s
0	1	3min
1	0	6min
1	1	12min

NOTE: after the light switches OFF, it takes approx. 4sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

### LIGHT-CONTROL SETTING

The chosen light response threshold can be infinitely from approx. 10-100lux, pull switch to the ON position as "1", pull switch to the OFF position as "0", switch location and light-control of the corresponding table is as follows:



S3	S4	LUX
0	0	24H
0	1	10LUX
1	0	50LUX
1	1	100LUX

#### ! Warning! The following situation will lead to misoperation

1. Being installed in the rocking object will lead to misoperation.
2. The shaking curtain which is blown by wind will lead to misoperation, please select the suitable installed place.
3. Being installed in the place where the traffic is busy will lead to misoperation.
4. It will lead to misoperation when there are sparks produced by some equipment nearby.

### TROUBLESHOOTING

Malfunction	Cause	Remedy
The load will not work	<ul style="list-style-type: none"> <li>• wrong light-control setting selected</li> <li>• load faulty</li> <li>• mains switch OFF</li> </ul>	<ul style="list-style-type: none"> <li>• Adjust setting</li> <li>• Change load</li> <li>• Switch ON</li> </ul>
The load work always	<ul style="list-style-type: none"> <li>• continuous movement in the detection zone</li> </ul>	<ul style="list-style-type: none"> <li>• check zone setting</li> </ul>
The load work without any identifiable movement	<ul style="list-style-type: none"> <li>• the sensor not mounted for detecting movement reliably</li> <li>• movement occurred, but not identified by the sensor (movement behind wall, movement of a small object in immediate lamp vicinity etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• securely mount enclosure</li> <li>• Check zone setting</li> </ul>
The load will not work despite movement	<ul style="list-style-type: none"> <li>• rapid movements are being suppressed to minimize malfunctioning or the detection zone you have set is too small</li> </ul>	<ul style="list-style-type: none"> <li>• Check zone setting</li> </ul>



