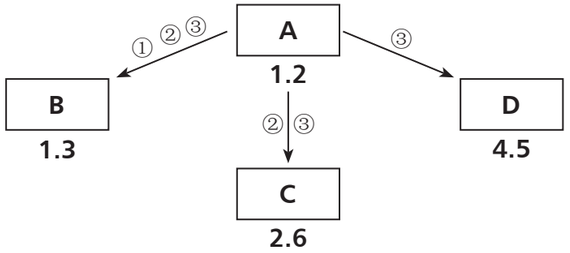
Group synchronization function

- Press “All” to select all the groups . The settled parameters can be synchronized to all groups by long pressing “Sync” within 5 seconds after press “All”.
- Press “Select” to choose related groups. The settled parameters can be synchronized to related groups by long pressing “Sync” within 5 seconds after press “Select”.
- Press “1-8” to set a group. The settled parameters can be synchronized to the lamps in same group by long pressing “Sync” within 5 seconds after press “1-8”.
- The lamps will flash or under “on/off” status to indicate the signal has been received successfully.
- After the single lamp been settled, long press “Sync” to keep the parameters.

RF mesh

RF mesh Function demonstration:
For example: Lamp A has been settled into group 1 and 2; B into group 1 and 3; C into 2 and 6; D into 4 and 5



① Make remote aim at lamp A, press “1” then long press “Sync”, the settled parameters will be synchronized to lamp B.
② Make remote aim at lamp A, press “Select” then long press “Sync”, the settled parameters will be synchronized to lamp B and C.
③ Make remote aim at lamp A, press “All” , then long press “Sync”, the settled parameters will be synchronized to lamp B , C and D.

Remark

Due to the reception and transmission of the signal between lamp groups, the greater number of lamps, the greater overloading of the signal, which will cause some lamps to be disconnected. For the unconnected lamp, re-power it or use the remote control to reset it.

Try to avoid pressing the “Sync” button continuously and quickly. The interval operation time should be adjusted according to the number of lights. The interval operation time should be “number of lights*2S”, for example (4s for 2 lights, 20s for 10 lights) .
Suggest to press “Sync” to realize synchronization after all the parameters are set.

Dimming function

Brightness button “+” “-” can adjust the lamp brightness, when press “Max”, brightness will be adjusted to maximum, meanwhile, when press “Min”, brightness will be adjusted to Minimum. There are eight brightness levels, details as following table:

Level	1	2	3	4	5	6	7	8
Duty ratio	12.5%	25%	37.5%	50%	62.5%	75%	87.5%	100%

Motion sensor “Enable” and “Disable”

When press “Motion Sensor Enable” button, Sensor function will be turned on; When press “Motion Sensor Disable” button, Sensor function will be turned off.

Detective range

Near=2±1M Medium=4±1M Far=6±2M
Remark: The detective range is measured by human body whose stature is around 1.6-1.7M with medium size and traveling speed is around 1.0-1.5M per second. If the stature, bodily form and traveling speed are changed, then the detective range will be changed accordingly. Metal with large area has a great influence on the sensitive distance, this distance value is for reference only.

Attention: Please adjust the lamp sensitivity to the appropriate level. Do not adjust lamp sensitivity to the maximum, or it will detect small movements easily which caused by wind blowing, leaves, small animals, power grid such interference objects and work improperly. If products work improperly, please lower the sensitivity and test again.

Daylight Lux

OFF=Daylight sensor “off “ Dusk=100Lux (50-150Lux) Night=50Lux (30-80Lux)
Note: Daylight Lux can be affected by lamp shade and other elements, the small tolerance is normal.

Hold time

Three levels: 30s, 3min, 10min
Note: After the lamp is turned off, there will be a blocking time for 4-10 seconds. During this time, the sensor will not work. After this time, sensor will keep working, the light will be on after movement been detected. When the lamp detect the movement and then the lamp turns on, it will have another blocking time for 4-10 seconds. At this time, 2.4G wireless communication will not receive or send signal repeatedly.

Standby brightness

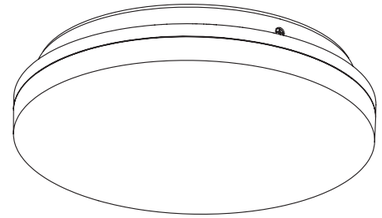
OFF: The lamp will go down to 50% of the settled Max brightness when there is no detection within hold time, and will turn off automatically after 30s hold time.
10%: The lamp will go down to 50% of the settled Max brightness when there is no detection within hold time, then it will go to 10% brightness after 30s hold time and will keep this brightness if with no detection.
30%: The lamp will go down to 50% of the settled Max brightness when there is no detection within hold time, then it will go to 30% brightness after 30s hold time and will keep this brightness if with no detection.

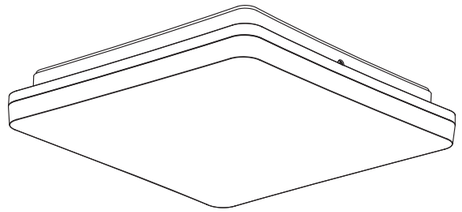
Remark: 1) 10% 30% standby brightness means the percentage of rated power for whole lamp.
2) If standby brightness≥50% of the settled Max brightness, the second stage brightness and hold time will be turned off.
3) If standby brightness≥settled Max brightness, the lamp will keep the settled Max brightness.
4) If the settled brightness is less than Min brightness(12.5%), the output will always keep 12.5%.
5) If Max brightness is 12.5%, standby brightness is “off”, the final hold time will be the settled hold time+30s.

Microwave Sensor function

When the ambient lux is less than settled lux, the lamp will go to the settled brightness when the movements have been detected, if still no detection within hold time, the light will go down to stand-by brightness.
When the ambient lux is more than settled lux, the lamp will keep the settled brightness even the movements have been detected.
If the lamps has been set into the same group, they will go to the same brightness when one of them has detected the movements, lamps in other groups are waiting to be triggered.

LED CEILING LIGHT USER GUIDE





SAFETY INSTRUCTIONS

To ensure correct function and safety, please read and follow all instructions carefully before using the product:

1. Turn off power supply before installation or before doing any maintenance work.
2. Do not install any luminaire near the heat source.
3. IP grade please refer to product label, only IP54 can be used in damp locations.
4. Do not exceed the nominal supply voltage or amperage ratings.
5. Dimmable version could be compatible with a wide range of recommended TRIAC dimmers.
6. All wiring and installation of the light fitting must adhere to local and national wiring rules.
7. Take care not to pull any electrical wires during unpacking as this may damage the connection.
8. Lay out all the components on a smooth surface and make sure there are no components missing before assembling.
9. To avoid injury or damage to the fitting, please ensure that power leads and screws are secure before connecting the power.
10. Please keep instructions for future reference.

Installation Procedure

WARNING

1.Switch off before installation.
2.Switch on only after complete installation and examination of the circuit.
3.Professional electrician for installation and maintenance only.

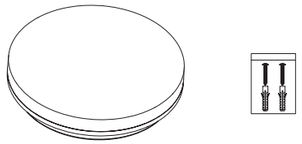




Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

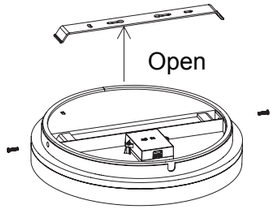
Step 1

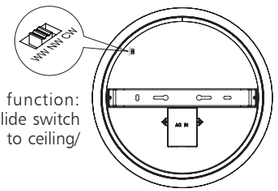
Take out ceiling light and accessory pack from box.



Step 2

Remove screw, take out bracket.





CCT switchable function: Choose CCT by slide switch before mounting to ceiling/ wall.

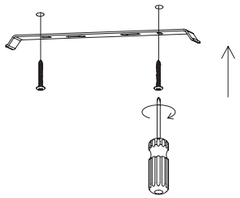
Step 3

Knock-in the plastic anchor into ceiling.



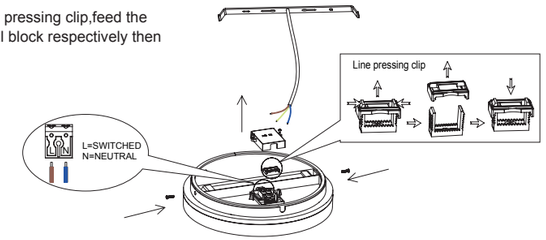
Step 4

Fix bracket with screw into the ceiling.



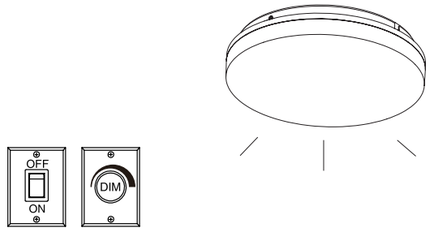
Step 5

Put the main AC wire through line pressing clip,feed the L.N to the fast connection terminal block respectively then compress the line pressing clip.



Step 6

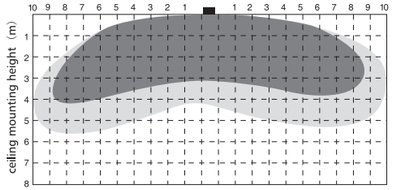
Switch on



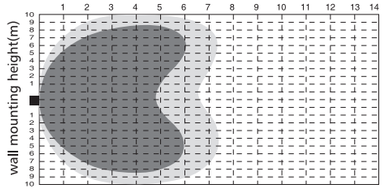
Sensor distance, hold time, lux, lighting brightness can be adjusted by remote. (Rmote is a accessory will be sold separately, details can be checked from Remote Instruction)

Sensor Remote

Detection Area

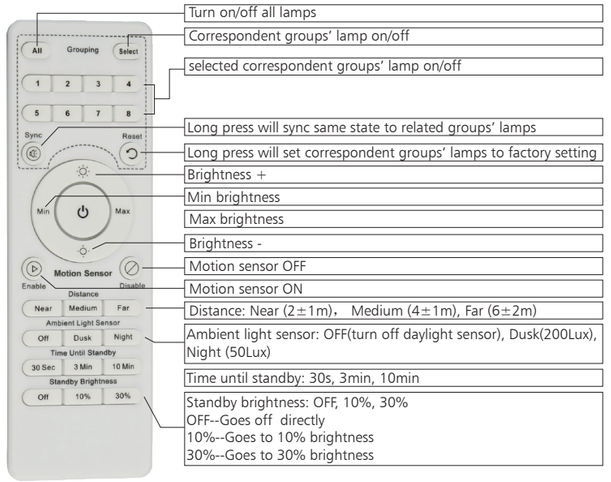


Ceiling Mounting pattern (Unit: m)



Wall Mounting pattern (Unit: m)

High detection area Low detection area



Features

1. AC100-240V 50Hz/60Hz input.
2. PWM control all signals, 8 levels for dimming.
3. Detective range, hold time, ambient light status, stand-by brightness can be adjusted by remote.
4. With RF MESH function, remote control for grouping and parameters-synchronization.
5. Built-in daylight sensor for effective ambient lux recognition.
6. One to one remote control grouping without code matching.Free group setting from Group 1-8.