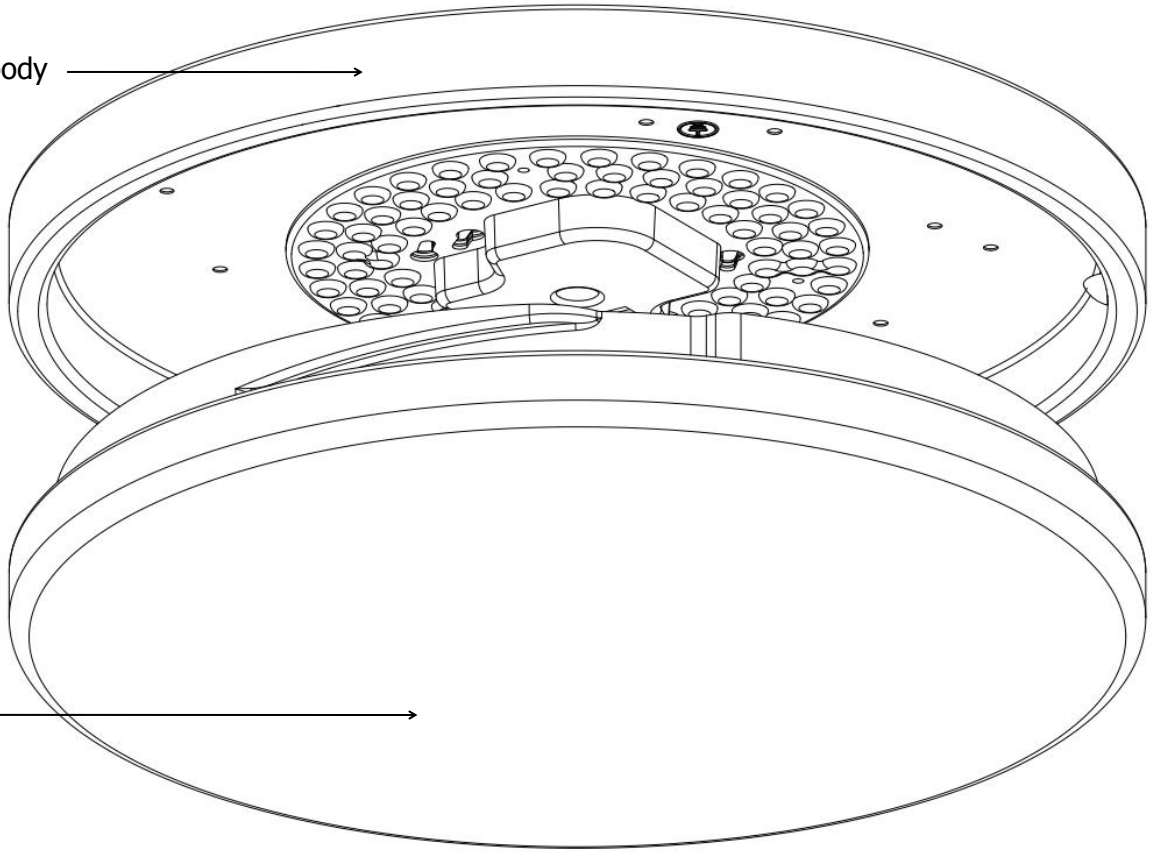
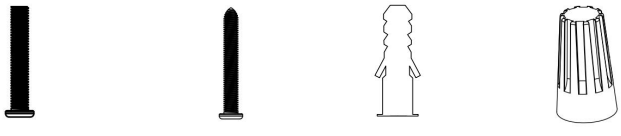
Owner Manual

Important safe guard measurements

Precautions:

1. Please comply with the laws and regulations of associated countries and regions when installing this luminaire.
2. Please turn off the power before installation or maintenance.
3. Proper grounding is required to ensure safety.
4. In order to prevent the risk of electric shock or fire, installation must be carried on professional operators with required electrical knowledge.
5. Please wear gloves before installing luminaires, avoiding injury.
6. Please contact with manufacturer/agent immediately if any damage happened during transportation.
7. Please carefully reading installation instruction and checking if no accessories is missing.Then following instruction steps to install the luminaire.
8. If smoke or spark are found during using, please immediately turn off the power and notify relevant personnel.
9. INGESTION HAZARD: If model contains a button cell or coin battery, please keep new and used batteries OUT OF REACH of CHILDREN. Death or serious injury can occur if ingested. Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.





Installation accessories: M4 flat-tail screw*2 M4 Screws *2 wall plugs*2 Wiring Nut *3 Remote controller *1

Wiring instruction:

Live: L (Black) Neutral: N (White) Earth: ⏚ (Nude Copper)

Surface Mount:

Step 1: Rotate the lampshade counterclockwise to take off it from luminaire body. (Figure 1)

Step 2: Turn off the power supply before connect the Live, Neutral and Ground leads to power supply with wiring nuts. (Figure 2) Note: The Live Wire (black), Neutral Wire (White), Ground Wire (Nude Copper wire)

Step 3: This luminaire is compatible with 4-inch octagonal junction boxes and European mounting brackets/backplates., and the mounting dimensions are shown in Figure 3.

Step 4: Secure the luminaire body to the ceiling by tightening the screws through the mounting holes. (Figure 4)

Step 5: Fix lampshade back to luminaire body and rotate it clockwise to secure it. (Figure 5)

Figure1

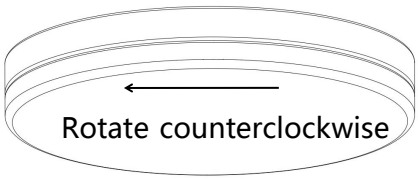


Figure2

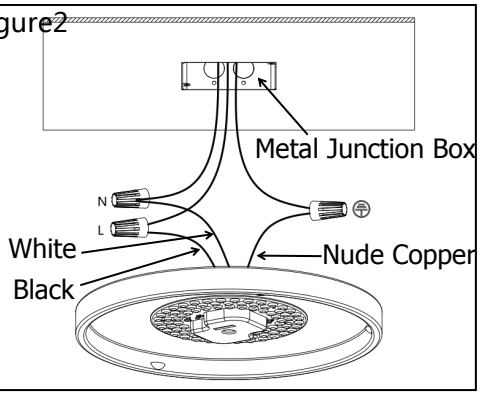


Figure3

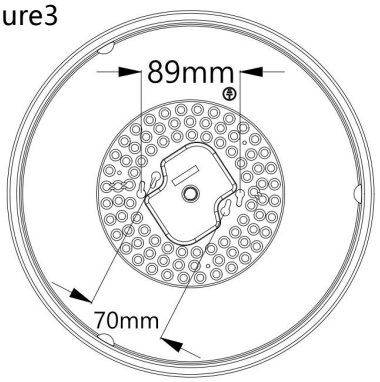


Figure4

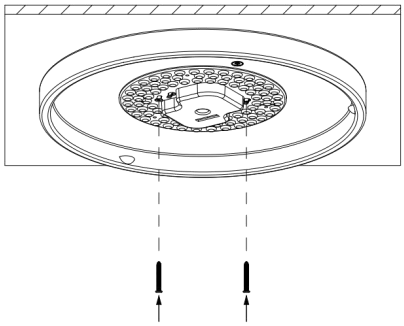
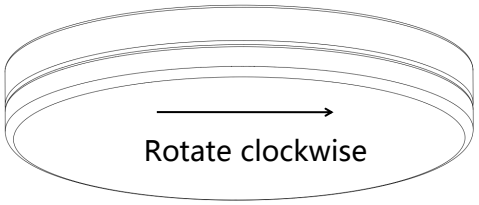


Figure5



Installation Notices of Microwave Sensor Dimming Luminaire

Microwave motion sensors detect the reflected microwave signal echoes from moving objects. It is significantly different from traditional PIR passive motion sensors that detect human infrared waves.

1. Microwave sensor signals can be interfered by RF signals (such as WiFi router). Keep at least 1 meter distance from RF device when installation.
2. Vibrating devices may always trigger microwave sensor action (such as fan, vent, big machine), keep the vibrating devices outside of microwave sensor detection range or decrease detection sensitivity (if model support, see Instruction)
3. Microwave signal can partly go through wooden, glass, plastic (except metal or concrete). Such as glass windows, wooden ceiling or wooden cabinet door. Please avoid to install luminaire on wooden/glass ceiling if movement or vibration may happened on top floor.
4. Two microwave sensors' signals may interfere each other. Keep 0.5 meter distance between two luminaire with microwave sensor when installation.

Sensor dimming parameters setting:

By pressing different buttons on the remote controller as bellow, sensor dimming parameters can be precisely set by users for each specific application. (Figure 6)

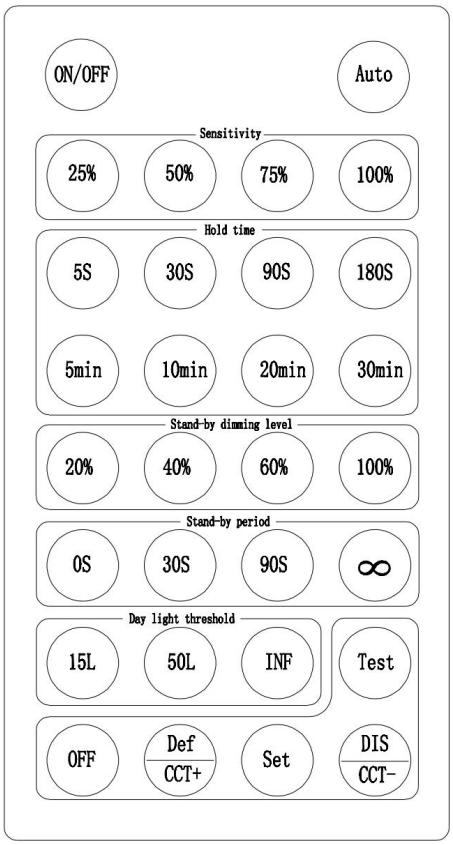


Figure 6

Note: Remove the isolate plastic sheet on battery before use it

Parameter was successfully set if observing the luminaire flashing once after corresponding button on remote controller be pressed.

Remote controller size: 84.5*51.5*7.5mm
Powered with CR2025/3V Battery

Instruction of Remote controller

Remote control zone	Instruction
ON/OFF	Turn on/off luminaire function(constant on or off mode)
Auto	Automatic Setting(press this button to set default parameters to luminaire) (Default Parameters:Hold time is 30 seconds; Twilight brightness percentage is 20%; twilight Stand-by time is infinity; color temperature 5000K; Photo sensor control function disable.)
Detection sensitivity setting zone	Detection sensitivity setting For setting the sensitivity of sensors detection, the lower of the sensitivity set,the short distance of sensor can detect.
25%	For different models products,not used in this luminaire.
50%	For different models products,not used in this luminaire.
75%	For different models products,not used in this luminaire.
100%	For different models products,not used in this luminaire.
Hold time setting zone	Hold time setting The time of luminaire remain 100% brightness when moving objects leave or stop.
5S	Set the hold time to 5 seconds, if no movement detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
30S	Set the hold time to 30 seconds, if no movement detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
90S	Set the hold time to 90 seconds, if no movement or sound detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
180S	Set the hold time to 180 seconds, if no movement detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
5min	Set the hold time to 5mins,if no movement detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
10min	Set the hold time to 10mins, if no movement detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
20min	Set the hold time to 20mins, if no movement detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
30min	Set the hold time to 30mins, if no movement detected during this time, the luminaire will switch to the twilight or switch off(depend on Stand-by time setting).
Twilight brightness level setting zone	Twilight brightness percentage setting Set percentage of full brightness when luminaire dimming to twilight.
20%	Set the twilight brightness percentage to 20% of full brightness when dim to twilight.
40%	Set the twilight brightness percentage to 40% of full brightness when dim to twilight.
60%	Set the twilight brightness percentage to 60% of full brightness when dim to twilight.
100%	Set the twilight brightness percentage to 100% of full brightness when dim to twilight.

Twilight Stand-by time setting zone	Twilight Stand-by time setting The time of luminaire remain twilight before switch off.
0S	Set twilight stand-by time to 0 seconds, it means the luminaire will directly switch off without entering into twilight step.
30S	Set twilight stand-by time to 30 seconds, the luminaire will switch off from twilight if no movement detected during this time.
90S	Set twilight stand-by time to 90 seconds, the luminaire will switch off from twilight if no movement detected during this time.
∞	Set twilight stand-by time to infinity, it means the luminaire will always keep twilight if no movement detected.
Photo sensor threshold setting zone	Photo sensor threshold value setting The value of photo sensor detecting ambient lumen when the luminaire is off. **(Note: Photo sensor function just valid when luminaire is OFF.)**
15L	Set 15lux as threshold value of ambient illuminance, the luminaire will switch off when actual ambient illuminance is above 15lux even if the movement was detected.
50L	Set 50lux as threshold value of ambient illuminance,the luminaire will switch off when actual ambient illuminance is above 50lux even if the movement was detected.
INF	Set infinity lux as threshold value of ambient illuminance. It means disable the Photo sensor control function.
Def / CCT+	Stepless CCT Increase Change The luminaire will increase 10% color temperature towards 6000K when this button was short pressed.
SET	Quick CCT Change Setting The luminaire will cycle through 3000K, 4000K, 5000K and 6000K color temperatures with each time this button be short pressed (3000K-4000K-5000K-6000K-3000K)
DIS / CCT-	Stepless CCT Decrease Change The luminaire will decrease 10% color temperature towards 3000K when this button was short pressed.
TEST OFF	For different models products, not used in this luminaire.
Note:	Only models with corresponding functions can be set by the corresponding setting buttons.

Example for typical applications setting:

Luminaire brightness Mode	**Setting Operation**
Example 1 : Luminaire brightness Always 100% ON mode	press Hold time setting zone: 30S --->press Twilight brightness level setting zone: 100% ---> press **Twilight Stand-by time setting zone:** ∞ **Luminaire will always keep 100% brightness whatever movement detected or not. (disable sensor dimming)**
Example 2 : Luminaire brightness at 100%--twilight mode	press Hold time setting zone: 30S --->press Twilight brightness level setting zone: 20% ---> press **Twilight Stand-by time setting zone:** ∞ **Luminaire will always keep 20% brightness after 30 seconds if no movement detected.**
Example 3 : Luminaire brightness at ON--OFF mode	press Hold time setting zone: 30S --->press Twilight brightness level setting zone: 20% ---> press **Twilight Stand-by time setting zone:** 0S Luminaire will always keep OFF after 30 seconds if no movement detected.
Example 4 : Luminaire brightness at 100%--twilight--OFF mode	press Hold time setting zone: 30S --->press Twilight brightness level setting zone: 20% ---> press **Twilight Stand-by time setting zone:** 30S The luminaire will switch to 20% brightness after 30 seconds when no movement detected, then Luminaire will switch OFF after 30 seconds if still no movement detected at 20% brightness state. If any movement was detected, luminaire will switch to 100% brightness.