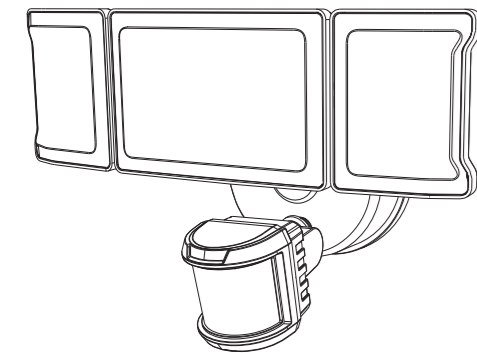


# Olafus®



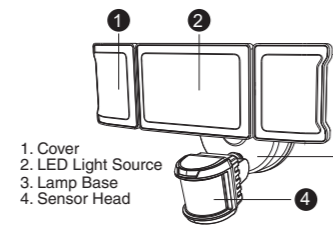
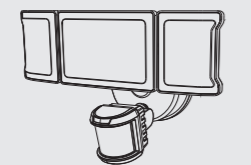
## PIR LED WALL LIGHTS WITH MOTION SENSOR

Product Manual

MODEL: 3-LBG55M

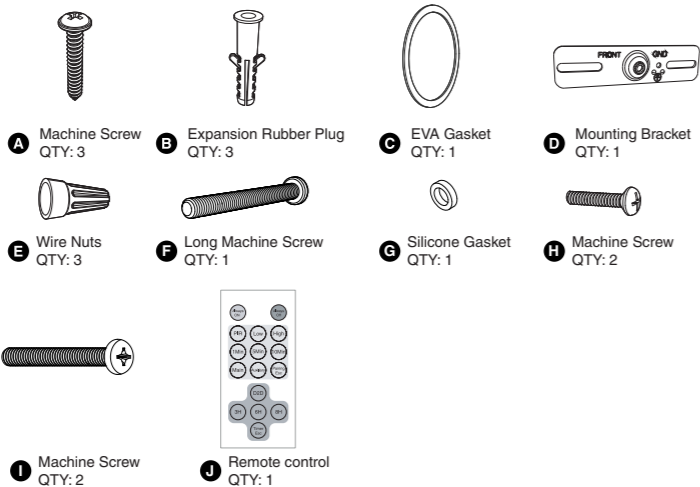
### COMPONENTS AND STRUCTURE

3-LBG55M



1. Cover
2. LED Light Source
3. Lamp Base
4. Sensor Head

### PARTS LIST



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### SPECIFICATIONS

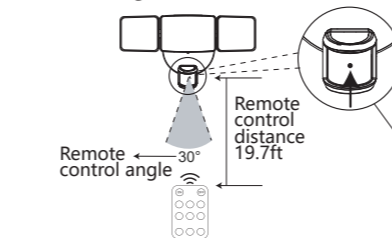
LED WALL LAMP	
Model	3-LBG55M
Input Voltage	100-120V ~ 60Hz
Input Current	0.5A
Rated Power	55W
Luminous Flux	5500lm
CCT	6500K
CRI	≥80
Power Factor	≥0.9
L70B50 lifetime	30000hours L70B50 @ 25°
Beam Angle	120°
t <sub>a</sub>	-20-40°C/-4°F-104°F
Luminaire Location	SUITABLE FOR WET LOCATIONS
DIMENSIONS	
Model	3-LBG55M
Dimensions (LxHxW)	274x194x144mm / 10.79x7.64x5.67in
Weight	0.98 kg / 2.16 lb
<b>Note:</b> The testing standard of the product's luminous flux: Place the three/two lights on the same horizontal surface for testing, and the tested luminous flux is the accurate luminous flux.	

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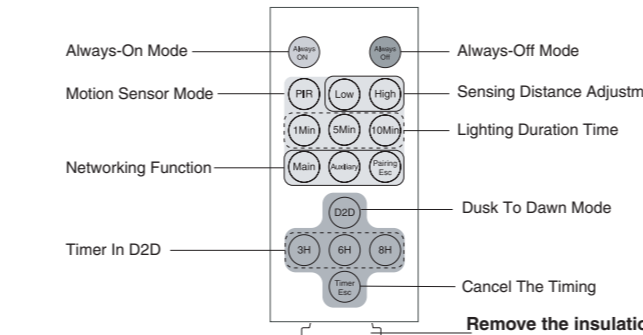
### Operation Instructions

#### 1. Remote control angle and distance



- Note:**
- ① The remote control needs to be aimed at the motion sensor to control the light.
  - ② Please do not control the light through the remote control during the daytime, because the daylight will affect the effect of the remote control, resulting in a shorter distance of the remote control.
  - ③ It is recommended to use the remote control to control the light at night to achieve the best control effect.

#### 2. Remote control function



- Always-On Mode**  
After pressing, the light will Always-on.
- Always-Off Mode**  
Control the light always Off.

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### Operation Instructions

#### PIR-Motion Sensor Mode

When people go through the sensor area, the light will turn on. After people leave, the light will turn off.

#### 1) Lighting Duration Time:

Set the lighting duration to 1min/5min/10min once motion is detected.



#### 2) Sensing Distance Adjustment

Choose the detection distance of the motion sensor.

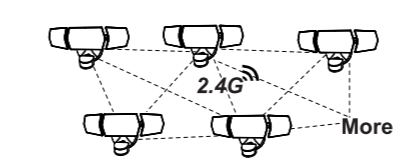
Low: 13-26ft

High: 49-72ft

#### Networking Function

Let the lights in the same group, in motion sensor mode, after one of the lights senses human activity, all lights will turn on simultaneously to meet the need to improve security around the house (Only supported for PIR mode. The maximum distance (65ft) between two lights is in the case of no wall blocking.)

**Example:** You bought 2 of these lights, both of which are set in the motion sensor mode. And after the two lights are successfully networked, when product A senses a person, it will trigger the light, and product B will also light up synchronously.



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### Operation Instructions

#### 1) Networking Steps

- (1) Select one of the lights, press the "Main" button, the light flashes that the light is waiting for pairing (0.8S flashing once)
- (2) Select the other lights that you want to add to this group, aim at the lights one by one and press "Auxiliary", these lights will start to automatically form a network with the host.

If Auxiliary lights and main light are connected successfully, Auxiliary lights will flash three times (0.8S flash once) and then the lights will become always on.

If the Auxiliary lights and main light are not networked successfully, the Auxiliary lights will keep flashing slowly (once every 2S).

#### 2) Complete the networking

When the main light and the Auxiliary lights group network successfully, Press "Main" towards the main light, and the main light stops to flash. The networking was completed.

#### 3) Pairing ESC

Press Pairing ESC on any of the auxiliary lights in the group, the light flashes three times and then exit the network.

#### D2D-Dusk To Dawn Mode

The light will turn on at night, and automatically turn off in the morning. Motion detection will not work in this mode.

#### 1) Timer in D2D

In D2D mode, the light can turn on a few hours then turns off, it can be set to 3H, 6H, 8H. Example: The light turns on at 8:00 PM, and you want the light to turn off automatically after 3 hours, you can set it as follows.



The light will automatically off after 3 hours of light, once this setting is started, the light will be cycled on and off after 3H per day. If you do not change the settings, the lights will automatically cycle, the lights will be turned on at 8 o'clock every day, and the lights will be turned off after 3 hours.

#### 2) Timer ESC

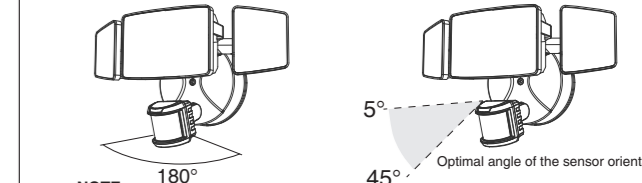
Timing function can be canceled in D2D mode and always-on light mode. Press Timer ESC, the timing function is canceled after flashing three times.

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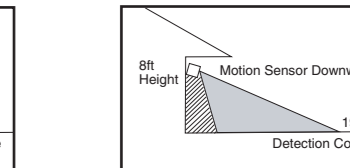
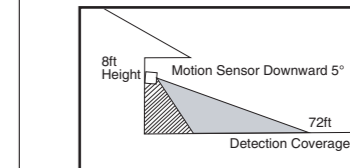
### Operation Instructions

#### Detection Range: 180°



- NOTE:**
1. The PIR sensor shall always be tilted slightly downward.
  2. The orientation angle of the sensor shall be between 5-45°.

#### RECOMMENDED INSTALLATION HEIGHT: 6.5-13.1 feet above the ground.

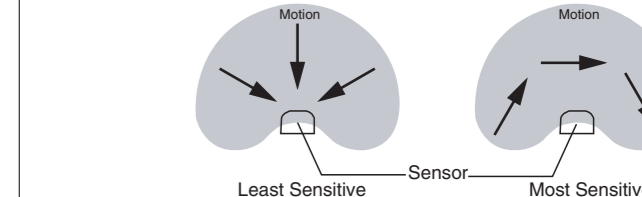


When mounted 8ft above the ground and the sensor is 5° down, the maximum sensing distance is about 72ft.

When mounted 8ft above the ground and the sensor is 45° down, the minimum sensing distance is about 19ft.

Note: The detection distance of the sensor is the farthest when the ambient temperature is 25°C. Any temperature fluctuations above or below 25°C will affect the detection distance. If the light continues to detect motion while it is on, it will remain on until the motion stops.

#### The motion sensor is more sensitive to horizontal movement than vertical movement.



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## PREPARATION

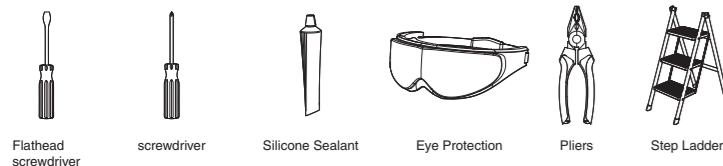
### NOTE:

Before beginning assembly of product, make sure all parts are present. Compare parts with parts list. If any part is missing or damaged, do not attempt to assemble the product. Estimated Assembly Time: 30-60 minutes.

Recommended to be installed on the ground above 2.5m (8.2 ft) and no higher than 5 m (16.4 ft).

Product appearance may vary from image shown.

### TOOLS REQUIRED (not included)



### WARNING:

**THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.**

### CAUTION:

**PLEASE MAKE SURE YOUR WALL SWITCH AND POWER AT MAIN CIRCUIT BREAKER BOTH ARE OFF.**

**IF IN DOUBT ABOUT ELECTRICAL INSTALLATION, CONSULT A LICENSED ELECTRICIAN.**

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## PREPARATION

### RISK OF SHOCK:

**BEFORE BEGINNING INSTALLATION, TURN OFF ELECTRICITY AT THE CIRCUIT BREAKER BOX OR THE MAIN FUSE BOX.**

### NOTE:

**BE SURE TO USE WIRE NUTS/CONNECTORS RATED FOR THE CORRECT GAUGE AND NUMBER OF WIRES USED.**

**MAKE SURE THERE ARE NO EXPOSED WIRE BUNDLES OUTSIDE THE WIRE NUT/CONNECTOR (IF APPLICABLE).**

**BE CAREFUL NOT TO DAMAGE OR CUT THE WIRE INSULATION (COVERING) DURING INSTALLATION. DO NOT LET THE WIRES TOUCH ANY SHARP EDGES.**

### WARNING:

**DO NOT CONNECT THIS LIGHT FIXTURE TO AN UNGROUNDED ELECTRICAL SYSTEM. ATTACH GROUND FIXTURE WIRE TO EITHER GREEN GROUND SCREW ON MOUNTING PLATE OR THE GROUND WIRE IN THE OUTLET BOX.**

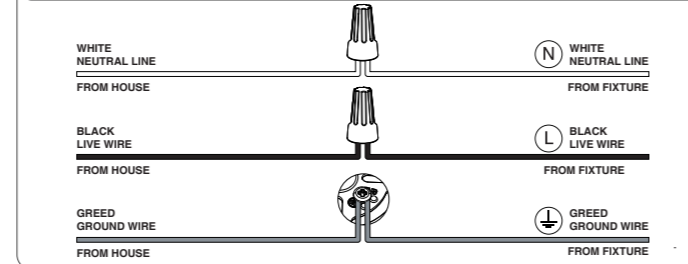
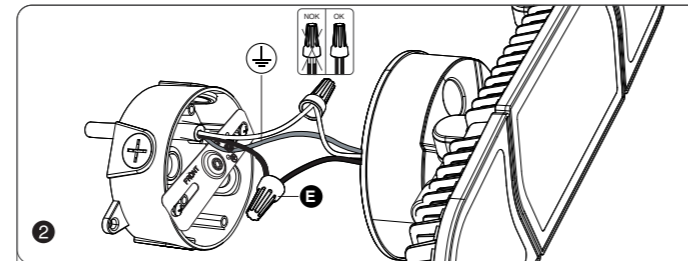
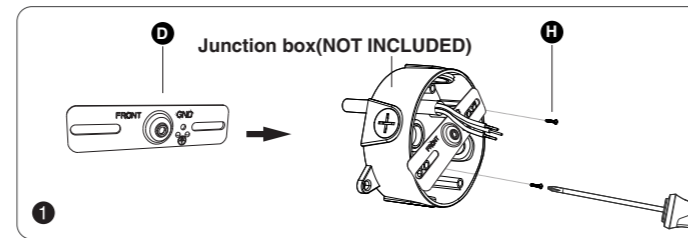
**INSTALLING THIS LIGHT IN AN UNGROUNDED ELECTRICAL SYSTEM MAY CAUSE THE METAL PARTS OF THE LIGHT TO CARRY CURRENT IF ANY WIRES OR WIRE CONNECTIONS ARE DAMAGED OR LOOSE. IN THIS CASE, ANYONE WHO TOUCHES THE LIGHT WILL RECEIVE AN ELECTRIC SHOCK, RESULTING IN INJURY OR DEATH.**

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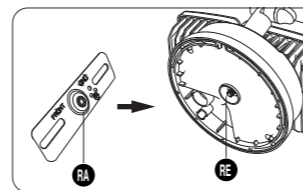
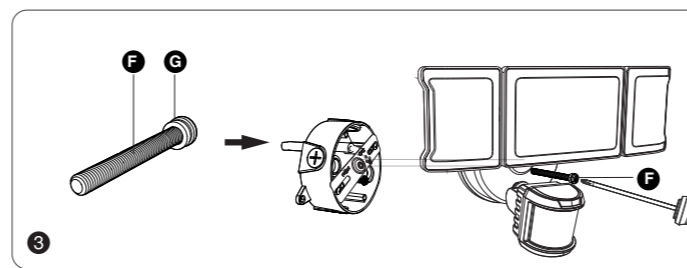


## INSTALLATION STEPS

FOR WET LOCATION, MAKE SURE FILL FULL THE GAP OF EVA GASKET AND MOUNTING SURFACE WITH SEALING COMPOUND OR SILICONE GLUE.



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**Note:** The raised part (RA) of the metal plate must be engaged with the recessed part (RE) of the base, otherwise it cannot be installed.

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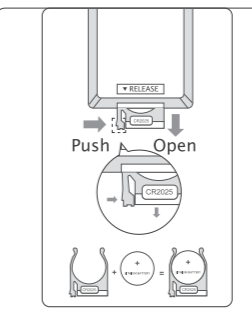
## Troubleshooting

Malfunction	Cause	Remedy
LED senses a movement, the light does not light up	<ol style="list-style-type: none"> <li>The light is not energized</li> <li>Other surrounding light sources make the light misjudge it as daytime</li> <li>During the day, the brightness is in night mode</li> <li>Internal wiring is loose</li> </ol>	<ol style="list-style-type: none"> <li>Check power-on status</li> <li>Turn off the nearby lights or sensor head to other directions</li> <li>Reset</li> <li>Rewiring after power failure</li> </ol>
LED sensor light did not go out, continued to light up	Continuous movement within the sensing range	Check the relevant area and return or override the sensor head if necessary
LED sensor light illuminates during the day	The shadows around the sensor make it mistakenly think it's night	<ol style="list-style-type: none"> <li>Do not cover the sensor head</li> <li>Place the light in a place where the light is bright enough during the day</li> </ol>
LED sensor light flashing	Surrounded by other unstable light sources shining onto the induction	Avoid being exposed to such light sources
LED lights turn on unexpectedly	<ol style="list-style-type: none"> <li>Wind blows the branches and bushes within the sensing range</li> <li>Sensing cars on the road</li> <li>Sudden temperature change due to climate factors or fans, exhaust from open windows</li> </ol>	<ol style="list-style-type: none"> <li>Adjust its scope</li> <li>Adjust its scope</li> <li>Change irradiation area</li> </ol>

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## REPLACE THE BATTERIES



Replace the batteries of the remote control by referring to the figure on the right.

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### FCC Warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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