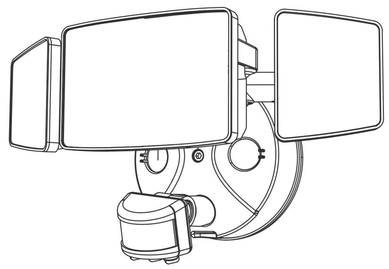
ONFORU®



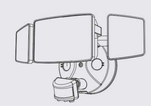
PIR LED WALL LIGHTS WITH MOTION SENSOR

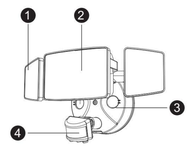
Quick Start Guide

MODEL: BDB55WF-3

COMPONENTS AND STRUCTURE

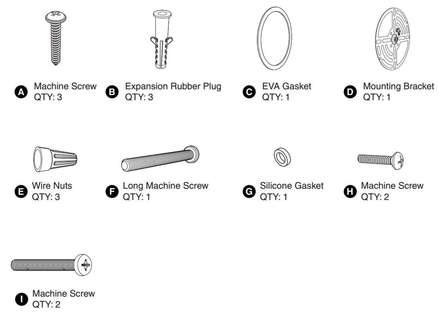
BDB55WF-3





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

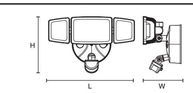
PARTS LIST



SPECIFICATIONS

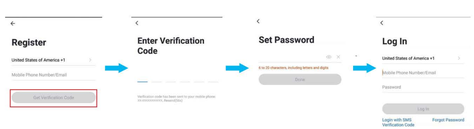
LED WALL LAMP	
Model	BDB55WF-3
Input Current	0.7A
Rated Power	55W
Luminous Flux	5500lm
Input Voltage	100-120V ~ 60Hz
CCT	6500K
CRI	≥80
Power Factor	≥0.9
$L_{70}B_{50}$ lifetime	30000hours $L_{70}B_{50}$ @25°
Beam Angle	120°
t_a	-20-40°C/-4°F-104°F
Luminaire Location	**SUITABLE FOR WET LOCATIONS**
DIMENSIONS	
Model	BDB55WF-3
Dimensions（LxHxW）	272x123x121mm/ 10.71x4.84x4.76 in
Weight	0.9kg/1.98 lb
Max Projected Area	0.0214m²/0.23ft²
Max. Lighting Coverage	90m²/968ft²

Note:
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.



PAIRING LED LIGHT WITH "Onforu" APP

Step 1: "Onforu Home" App Download.
There are 2 options for obtaining and downloading the "Onforu Home" App on your smart device.
1. Scan the QR code on the right.
2. Search for "Onforu Home" in the App Store or Google Play.



Step 2: Enter the "Onforu Home" App. Register an account and log in. If you already have an account for Onforu Home App, Please select "Log in with existing account".

Note: You will need your "Onforu Home" App username and password to pair with Amazon Alexa and/or Google Assistant.

Step 3: Please turn on the Wi-Fi and Bluetooth before connecting LED lights to the "Onforu Home" App.

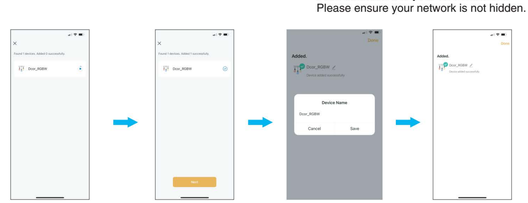
Step 4: How to pair the LED Light
Set the light to the pending pairing state.
1. Power on the LED Light.
2. Turn the light on and off 3 times until it starts flashing, indicating that the light is ready for pairing.

Method 1

1. Tap "+" button on top right corner and tap "Add Device" to add device.

2. The app will automatically search for the device. After discovering the device, tap "Add".

3. Enter Wi-Fi password to join your network.
Please Note:
a. This smart LED Light can only support 2.4 GHz network and cannot work with 5.0 GHz network.
b. Please check if your home network is 2.4 GHz and make sure that your phone has been connected to your Wi-Fi network.
Please ensure your network is not hidden.



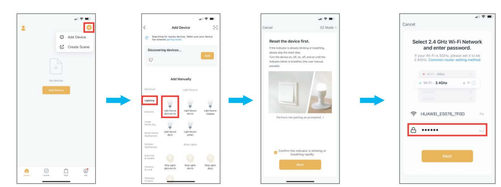
4. Wait for the device to register (about 30-60s).

5. Tap "Next" to complete the light pairing.

6. You can tap " " to change the device name.

7. Tap "Done" to enter the control panel.

Method 2

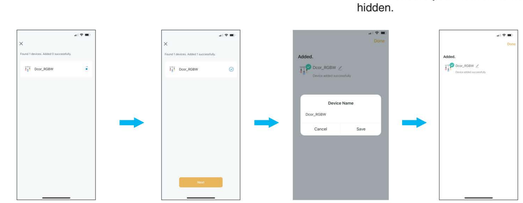


1. Tap "+" button on top right corner and tap "Add Device" to add device.

2. Tap "Lighting" and then "Light Source" to enter next page.

3. Tap the "Next" button to pair the LED Light.

4. Enter Wi-Fi password to join your network.
Please Note:
a. This smart LED Light can only support 2.4 GHz network and cannot work with 5.0 GHz network.
b. Please check if your home network is 2.4 GHz and make sure that your phone has been connected to your Wi-Fi network.
Please ensure your network is not hidden.



5. Wait for the device to register (about 30-60s).

6. Tap "Next" to complete the light pairing.

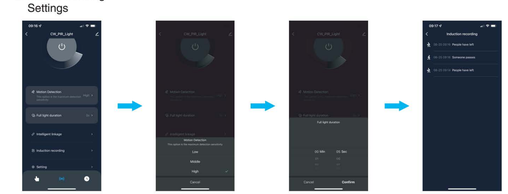
7. You can tap " " to change the device name.

8. Tap "Done" to enter the control panel.

HOW TO OPERATE THE APP

1. Color Temperature and Brightness Adjustment

2. Motion Sensing Settings



2.1. Sensing distance setting

Low (13-26ft), Middle (26-49ft) and High (49-72ft).

2.2. Full light duration setting

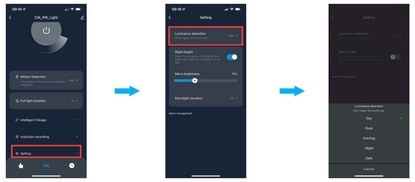
From 5s to 60mins.

2.3. Sensing records

Here you can view your sensing records.

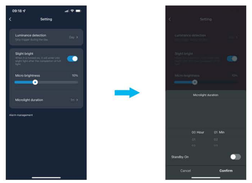
HOW TO OPERATE THE APP

3. Dusk-to-Dawn Settings



The sensitivity can be set to Day, Dusk, Evening, Night and Dark, and the light will be on at the selected time.

4. Slight Bright Mode



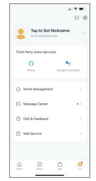
Here you can choose the slight bright mode and its brightness.

4.1. Microlight duration setting

Microlight duration can be set from 1min to 8hrs, or it can be set to be always on.

5. Timing settings

HOW TO CONNECT WITH ALEXA AND GOOGLE ASSISTANT APP



Tap "Me", find the third-party voice device you want to connect to and tap it, then follow the steps to connect.

PREPARATION

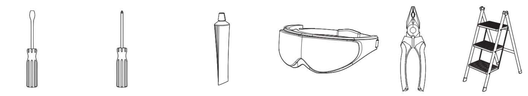
NOTE:

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 2.5m (8.2ft) above the ground but not higher than 5m (16.4ft).

Product appearance may vary from image shown.

TOOLS REQUIRED（not included）



Flathead screwdriver | screwdriver | Silicone Sealant | Eye Protection | Pliers | Step Ladder

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.

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.

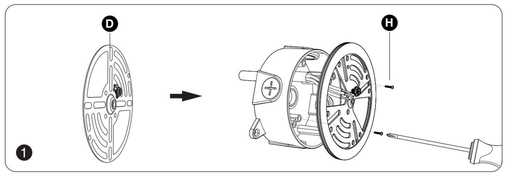
WARNING:

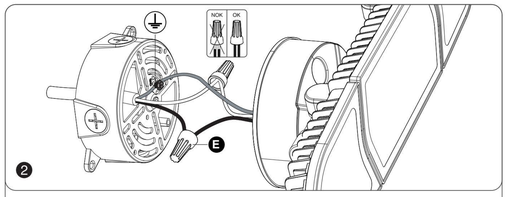
DO NOT CONNECT THIS LIGHT FIXTURE TO AN UNGROUNDED ELECTRICAL SYSTEM. ATTACH GROUND FIXTURE WIRE TO EITHER GREEN GROUND SCREW ON MOUNTING PLATE OR THE GROUND WIRE IN THE OUTLET BOX.

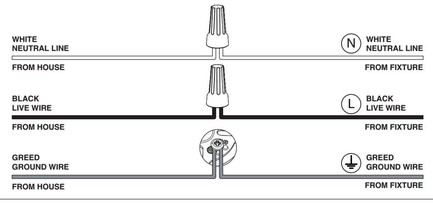
INSTALLING THIS LIGHT IN AN UNGROUNDED ELECTRICAL SYSTEM MAY CAUSE THE METAL PARTS OF THE LIGHT TO CARRY CURRENT IF ANY WIRES OR WIRE CONNECTIONS ARE DAMAGED OR LOOSE. IN THIS CASE, ANYONE WHO TOUCHES THE LIGHT WILL RECEIVE AN ELECTRIC SHOCK, RESULTING IN INJURY OR DEATH.

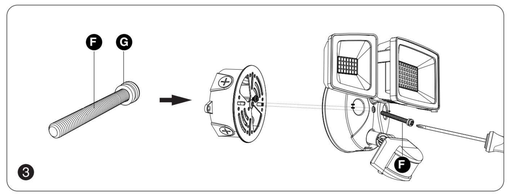
INSTALLATION STEPS

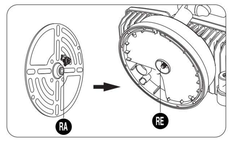
FOR WET LOCATION, MAKE SURE FILL FULL THE GAP OF EVA GASKET AND MOUNTING SURFACE WITH SEALING COMPOUND OR SILICONE GLUE.







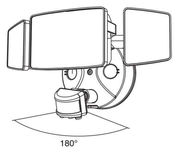


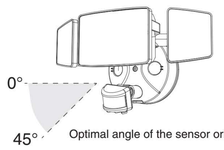


Note:

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

Detection Range: 180°





Optimal angle of the sensor orientation

NOTE:

1. The PIR sensor shall always be tilted slightly downward.
2. The orientation angle of the sensor shall be between 0-45°.
3. The detection distance of the sensor is the farthest when the ambient temperature is 25℃. Any temperature fluctuations above or below 25℃ will affect the detection distance.
4. If the light continues to detect motion while it is on, it will remain on until the motion stops.

FCC ID: 2A3W8BDB55WF-3

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.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Manufacturer / Hersteller:
Shen Zhen Shi Meng Zhi Tuo Ke Ji You Xian Gong Si
Address: qian wan yi lu 1 hao A dong 201 shi qian hai shen gang he zuo qu Shen Zhen, Guang Dong, 518000, CN
support@onforuled.com www.onforuleds.com

EU REP MDH LIGHTING LTD
Suite 302, 292 Strovolos Avenue, 2048 Strovolos
Nicosia, Cyprus | support@onforuled.com

UK REP MDH LIGHTING LTD
69 Aberdeen Avenue, Cambridge CB2 8DL,
United Kingdom | support@onforuled.com

Made in China