meloght®

PIR LED WALL LIGHTS WITH MOTION SENSOR
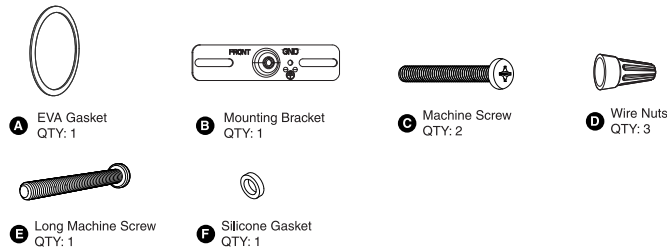
Product Manual

MODEL: MESLD130DWG

COMPONENTS AND STRUCTURE

MESLD130DWG

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

PARTS LIST

A. EVA Gasket QTY: 1
B. Mounting Bracket QTY: 1
C. Machine Screw QTY: 2
D. Wire Nuts QTY: 3
E. Long Machine Screw QTY: 1
F. Silicone Gasket QTY: 1

2
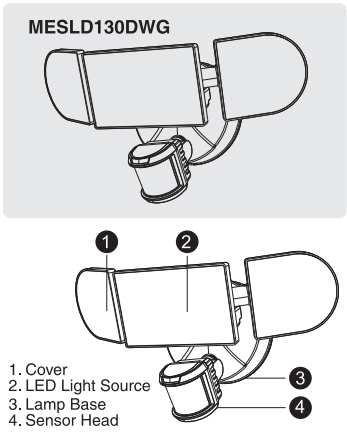
SPECIFICATIONS

LED WALL LAMP	
Model	MESLD130DWG
Input Voltage	100-120V ~ 60Hz
Input Current	1.3A
Rated Power	120W
Luminous Flux	12000lm
CCT	2700-6500K
CRI	≥80
Power Factor	≥0.5
$L_{70}B_{50}$ 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	MESLD130DWG
Dimensions（LxHxW）	400x234x130 mm / 15.7x9.21x5.12 in
Weight	1.12kg / 2.47lb

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.

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PAIRING LED LIGHT WITH "Smart Life "OR "Smart Life-Smart Living" APP

**Step 1. Get the App and the Account**

1. "**Smart Life**" OR "**Smart Life-Smart Living**" App Download. There are 2 options for obtaining and downloading the "**Smart Life**" OR "**Smart Life-Smart Living**" App on your smart device.

1) Scan the QR code, find the corresponding icon, and click to obtain it. As shown in the left image.

2) Search for "**Smart Life**" OR "**Smart Life-Smart Living**" in the App Store or Google Play.

Register — Enter Verification Code — Set Password — Log In
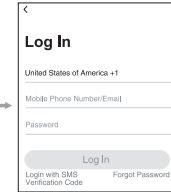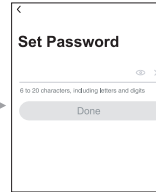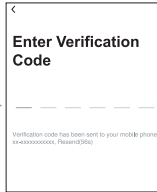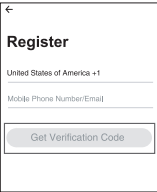
2. Enter the "**Smart Life**" OR "**Smart Life-Smart Living**" App. Register an account and log in. If you already have an account for App, Please select "Log in with existing account".

Note: You will need your "**Smart Life**" OR "**Smart Life-Smart Living**" App username and password to pair with Amazon Alexa and/or Google Assistant.

3. Please turn on the Wi-Fi and Bluetooth before connecting LED lights to the "**Smart Life**" OR "**Smart Life-Smart Living**" App.

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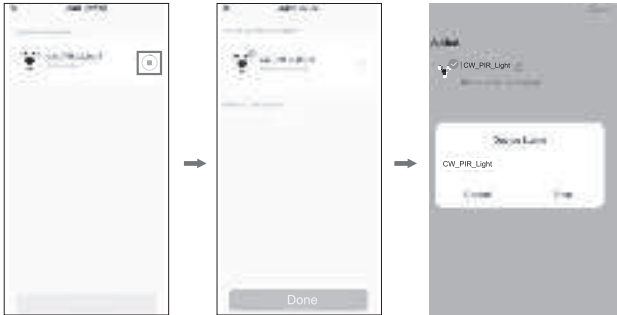
4. Wait for the device to register (about 30-60s).

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

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

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Method 2
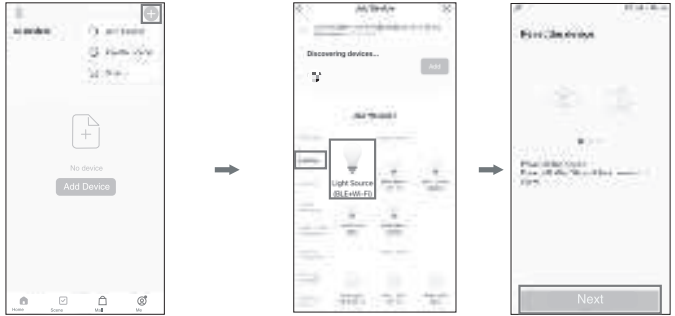
1. Tap "+" button on top right corner and tap "Add Device" to add device.

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

3. Tap the "Next Next 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 "Done" to complete the light pairing.

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HOW TO OPERATE THE APP

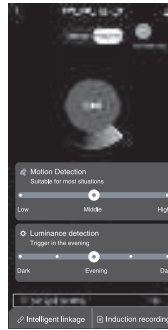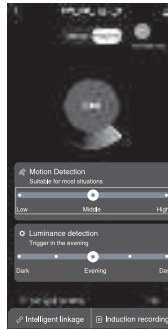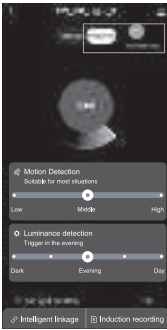1. Color Temperature and Brightness Adjustment

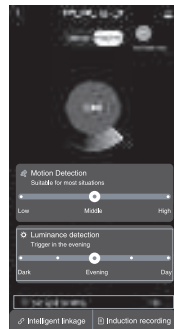2. Delay Setting

3. Schedule

4. Motion Sensing Settings

4.1. Sensing distance setting
Low (13-26ft),
Middle (26-49ft),
High (49-72ft).

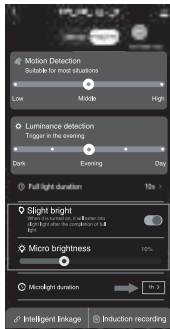4.2. Full light duration setting
From 5s to 60mins.

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HOW TO OPERATE THE APP

5. Dusk-to-Dawn Settings

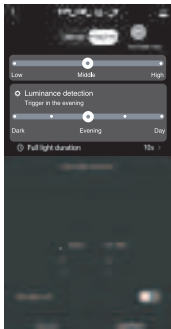The sensitivity can be set to Day, Dusk, Evening, Night and Dark, and the light will be on at the selected time.

6. Slight Bright Mode

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

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

7. Intelligent linkage
See the timed light shut-off example below. Use this method to configure other scenes.
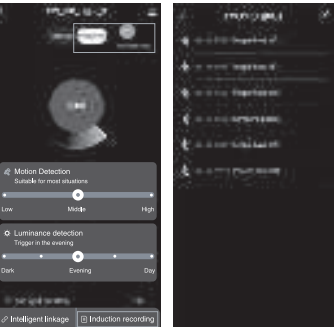
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HOW TO CONNECT WITH ALEXA AND GOOGLE ASSISTANT APP

Intelligent linkage →+→ if(+)→ Schedule →time →Confirm→ Then(+)→ Device →On/Off → Off → Save →Next →Save → Enter scene name → Confirm → Save
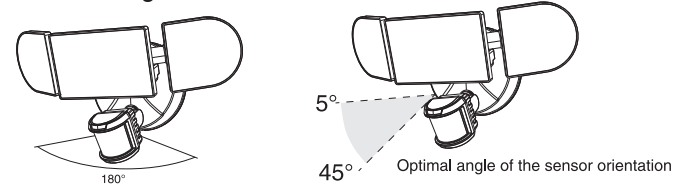
8. Induction recording

Record the time
when motion is detected.

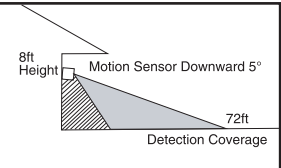Tap "Me", find the third-party voice device you want to connect to and tap it, then follow the steps to connect.

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OPERATION INSTRUCTIONS

Detection Range: 180°

180°

5°
45° 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 5-45°.

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

8ft Height — Motion Sensor Downward 5°
72ft
Detection Coverage

8ft Height — Motion Sensor Downward 45°
19ft
Detection Coverage

When mounted 8ft above the ground and the sensor is 5° down, the maximum sensing distance is about 72ft.
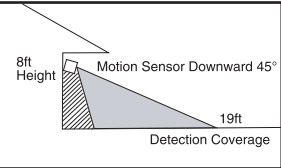
When mounted 8ft above the ground and the sensor is 45° down, the minimum sensing distance is about 19ft.

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

Walk straight to the flood light, sensitivity will be lower, pass the flood light from the side, sensitivity will be higher.

Motion   Motion

Least Sensitive   Sensor   Most Sensitive

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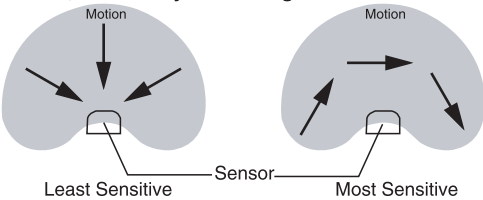
PREPARATION

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 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
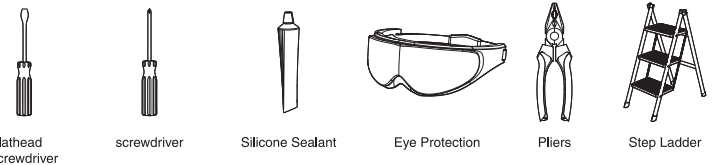
WARNING:

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.

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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 INSULA-TION (COVERING) DURING INSTALLATION. DO NOT LET THE WIRES TOUCH ANY SHARP EDGES.
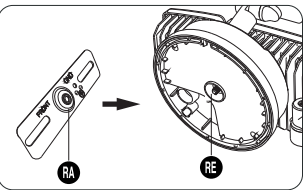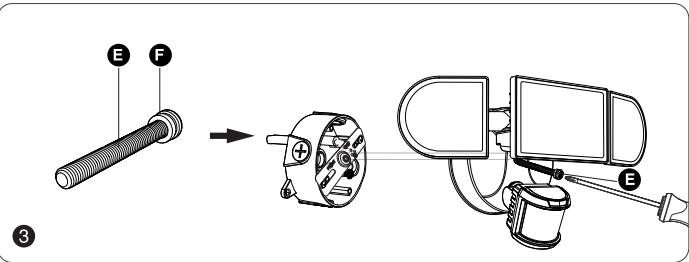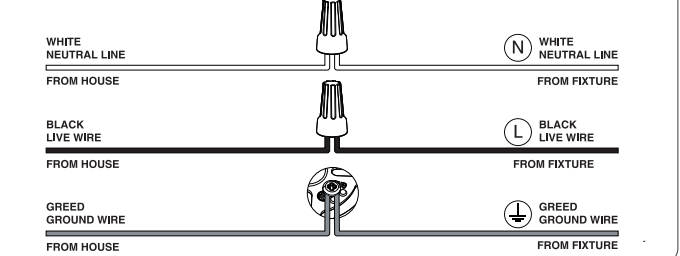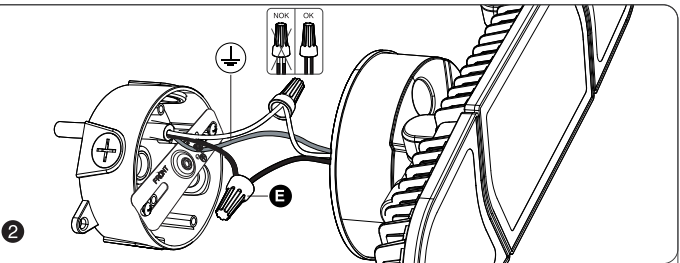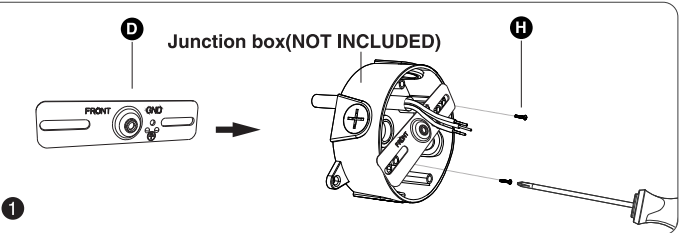
WARNING:

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.

Junction box(NOT INCLUDED)

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❷

WHITE NEUTRAL LINE FROM HOUSE	WHITE NEUTRAL LINE FROM FIXTURE
BLACK LIVE WIRE FROM HOUSE	BLACK LIVE WIRE FROM FIXTURE
GREED GROUND WIRE FROM HOUSE	GREED GROUND WIRE FROM FIXTURE

13

E F

❸

E

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.

RA   RE

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TROUBLESHOOTING

Malfunction	Cause	Remedy
LED senses a movement, the light does not light up	1. The light is not energized 2. Other surrounding light sources make the light misjudge it as daytime 3. During the day, the brightness is in night mode 4. Internal wiring is loose	1. Check power-on status 2. Turn off the nearby lights or sensor head to other directions 3. Reset 4. Rewiring after power failure
LED sensor light did not go out, continued to light up	Continuous movement within the sensing range	Check the relevant area and retune 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	1. Do not cover the sensor head 2. Place the light in a place where the light is bright enough during the day
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	1. Wind blows the branches and bushes within the sensing range 2. Sensing cars on the road 3. Sudden temperature change due to climate factors or fans, exhaust from open windows	1. Adjust its scope 2. Adjust its scope 3. Change irradiation area

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FCC ID: 2BBGOMESLD130DWG

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:
Zhuo Yue Lighting International Co., Limited
Address/Adresse: Unit C 9/F Winning House,
No.73 Wing Lok Street, Sheung Wan, Hong Kong, HK
Email: zhuoyuehk2@outlook.com

UK Importer: MDH LIGHTING LTD
Address: 69 Aberdeen Avenue, Cambridge CB2 8DL, United Kingdom

EC	REP

MDH LIGHTING LTD
Address/Adresse: Suite 302, 292 Strovolos Avenue, 2048 Strovolos Nicosia, Cyprus
Email: service-MDHEU@hotmail.com

Made in China