

### PIR LED WALL LIGHTS WITH MOTION SENSOR

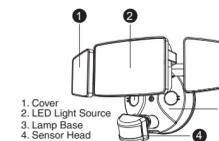
MODEL: BDB55G-3

### COMPONENTS AND STRUCTURE

BDB55G-3



BDB100G-3

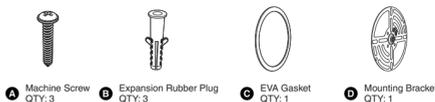


- 1. Cover
- 2. LED Light Source
- 3. Lamp Base
- 4. Sensor Head

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### PARTS LIST



I Machine Screw QTY: 2

J Remote control QTY: 1

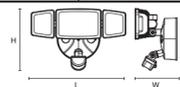
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### SPECIFICATIONS

LED WALL LAMP		
Model	BDB55G-3	BDB100G-3
Input Voltage	100-120V - 60Hz	
Input Current	0.5A	0.83A
Rated Power	55W	100W
Luminous Flux	5500lm	9000lm
CCT	6500K	
CRI	≥80	
Power Factor	≥0.9	
L70B50 lifetime	30000hours L70B50 @ 25°	
Beam Angle	120°	
fa	-20-40°C/-4°F-104°F	
Luminaire Location	SUITABLE FOR WET LOCATIONS	
DIMENSIONS		
Model	BDB55G-3	BDB100G-3
Dimensions (LxHxW)	272x123x121mm / 10.71x4.84x4.76 in	455x182x120 mm / 17.9x7.16x4.72 in
Weight	0.98 kg / 2.16 lb	1.53kg / 3.37lb

**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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### 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 0-45°.

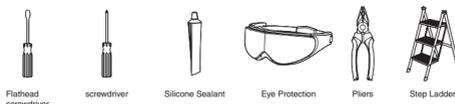
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### PREPARATION

**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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### 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 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	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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