

Celling Bluetooth Passive Infrared sensor

SPECIFICATION

The CASRECW uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

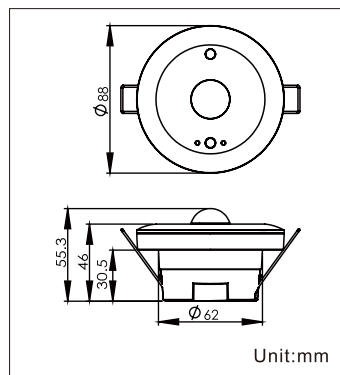
OVERVIEW

- PIR sensor.
- Bluetooth® SIG mesh.
- High-End Trim, Zoning, Continuous Bi-level Dimming.
- LED Motion indicator.
- Mounting height up to 4m.
- 360° coverage pattern.
- Low Voltage connector.
- Technology Partner CASAMBI.



FEATURES AND BENEFITS

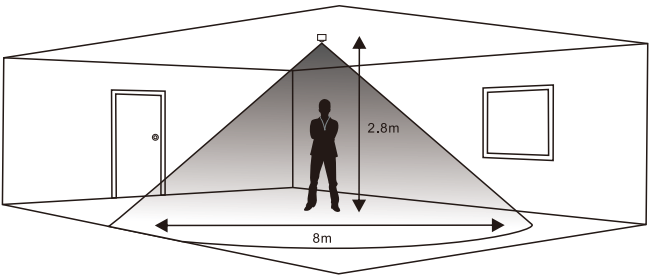
- Bluetooth to 0-10V signal converter, Bluetooth® mesh network.
- Built-in 20mA 0-10V signal output.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcast controlled by mobile application.
- In typical outdoor environment, the typical range for wireless communication is 60m.
- Actual range is dependent on field installation.
- On-board antenna.



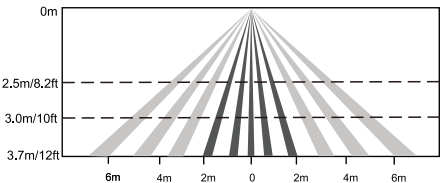
TECHNICAL DATA

Motion Sensor	Passive infrared sensor
Input Power	120-277 V AC,>50mA
Control Output	0-10V,max 25mA sinking current
Mounting height	4m Max.
Detection angle	360°
Operating temperature	-20°C~60°C
IP rating	20
Max Bluetooth Range	60m
Warranty	5years

SENSOR COVERAGE



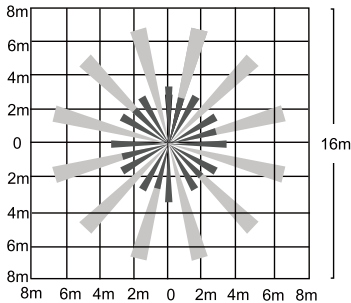
Coverage Side View



The detection area for movement sensor can be roughly divided into two parts:

- Slow movement (person moving $< 1.0/s$ or $0.3m/s$)
- Quick movement (person moving $> 1.3/s$ or $0.4m/s$)

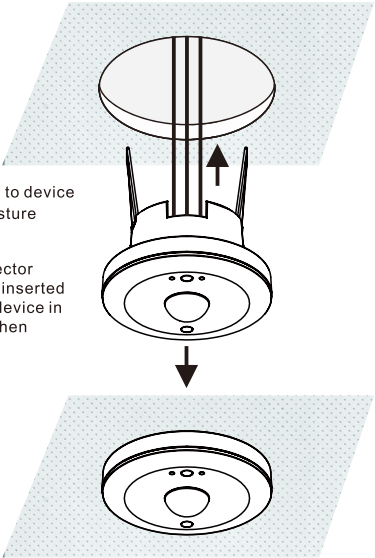
Coverage Top View

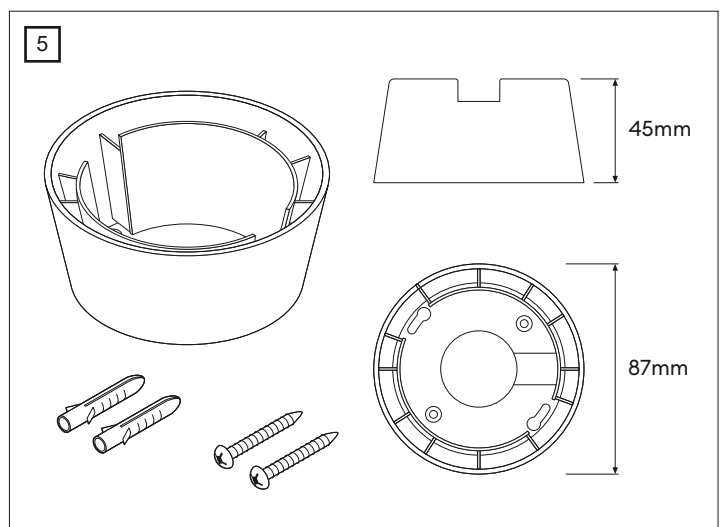
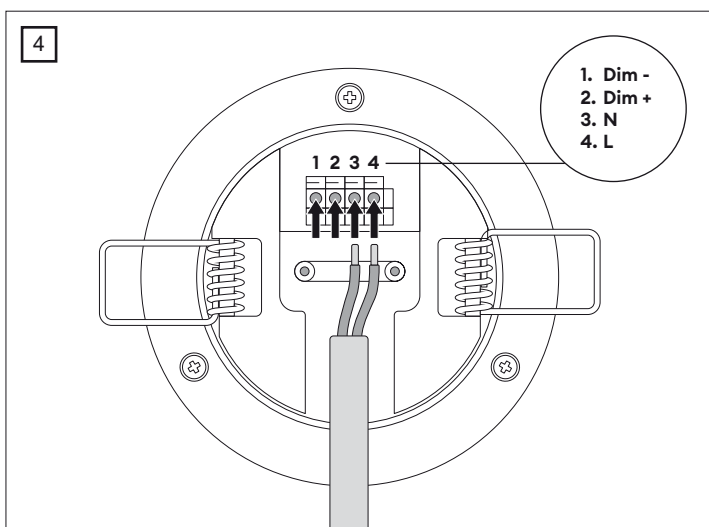
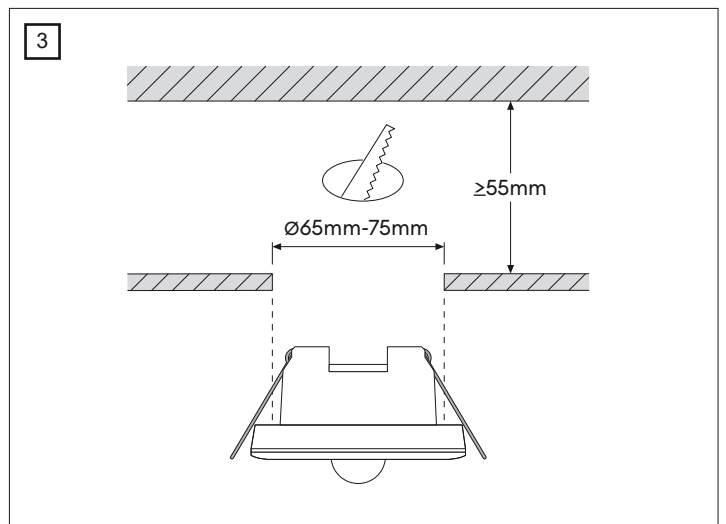
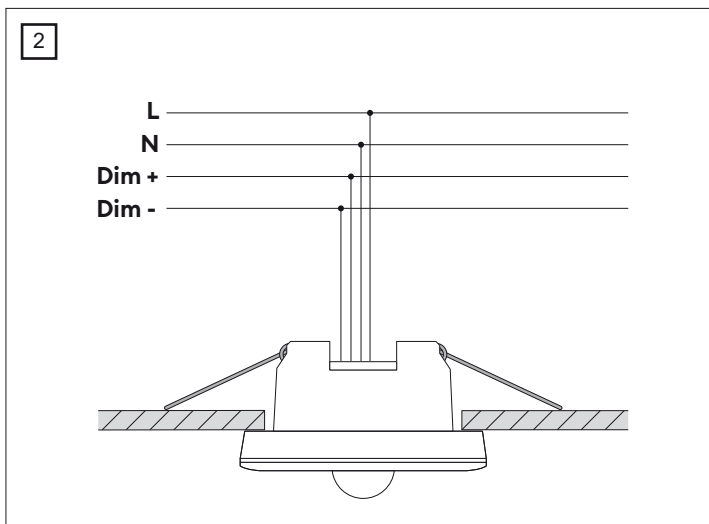
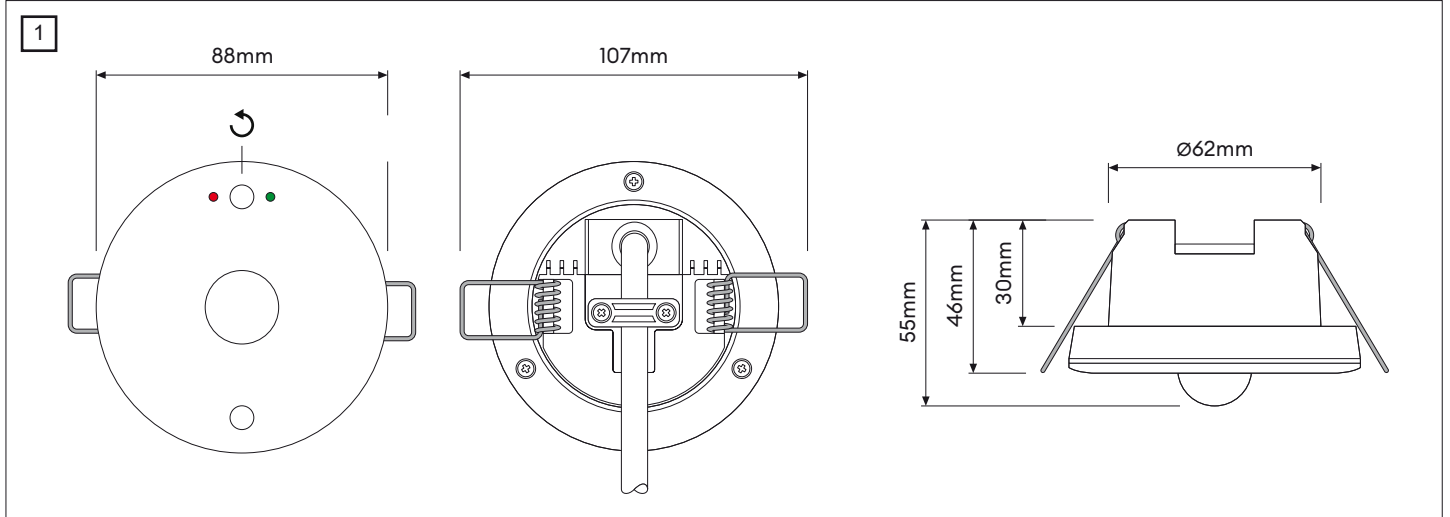


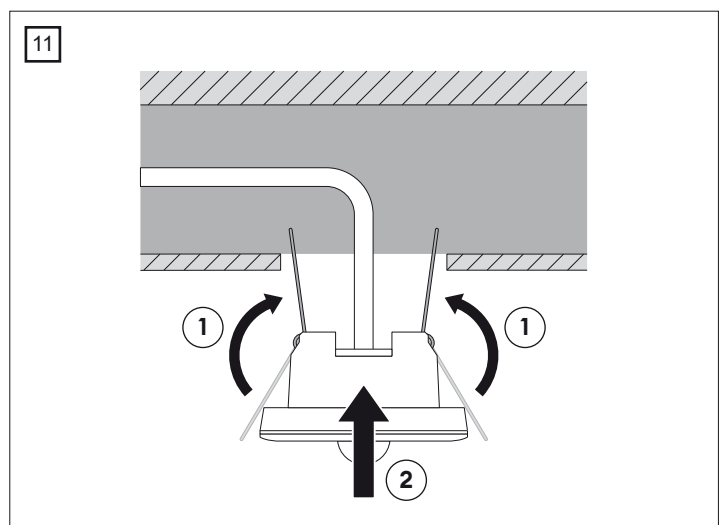
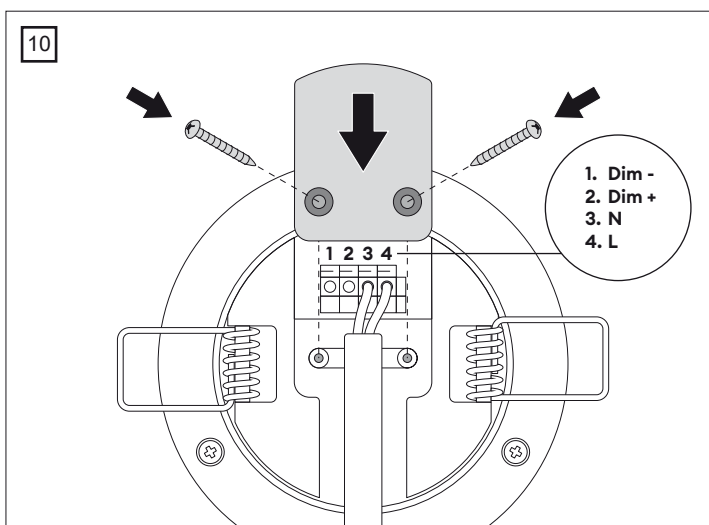
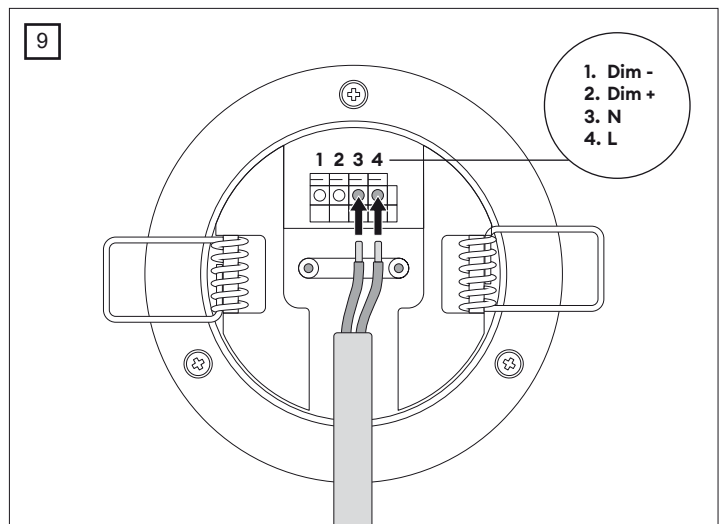
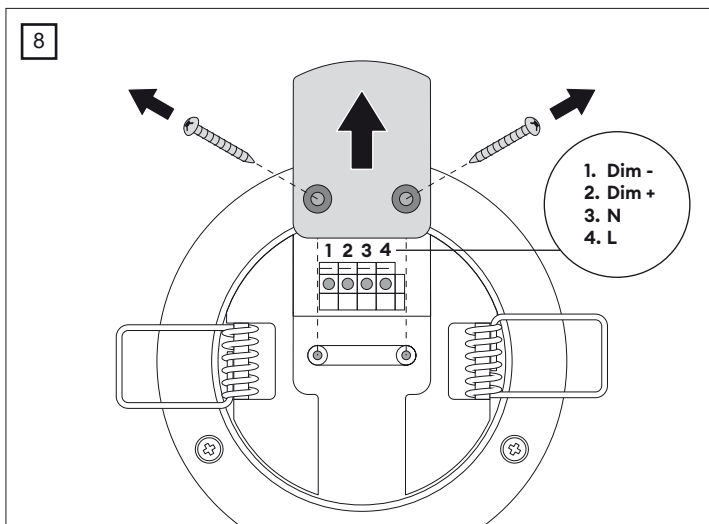
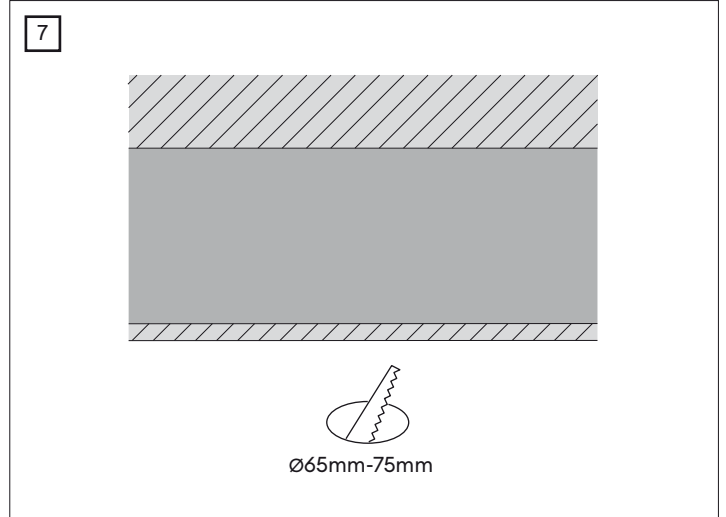
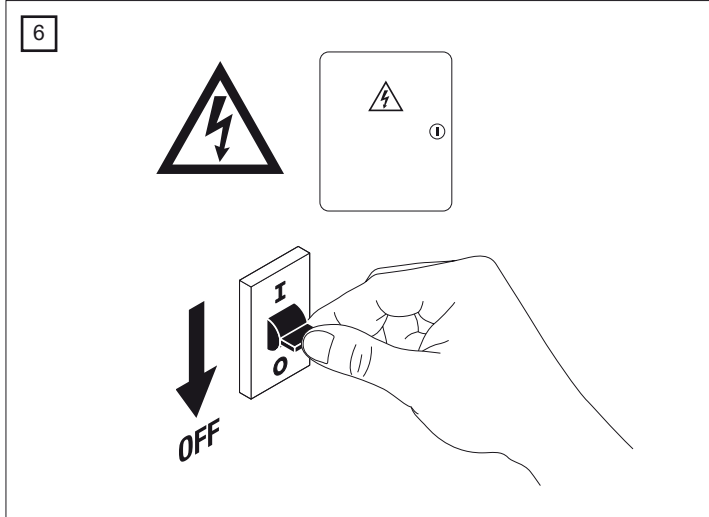
WIRING DIAGRAMS

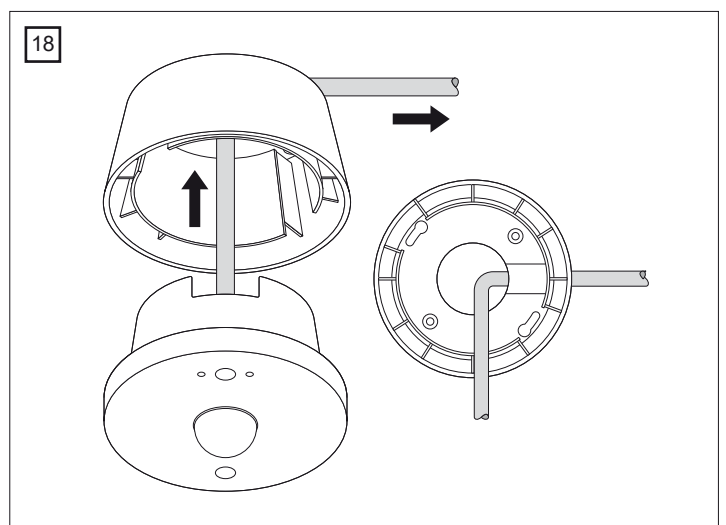
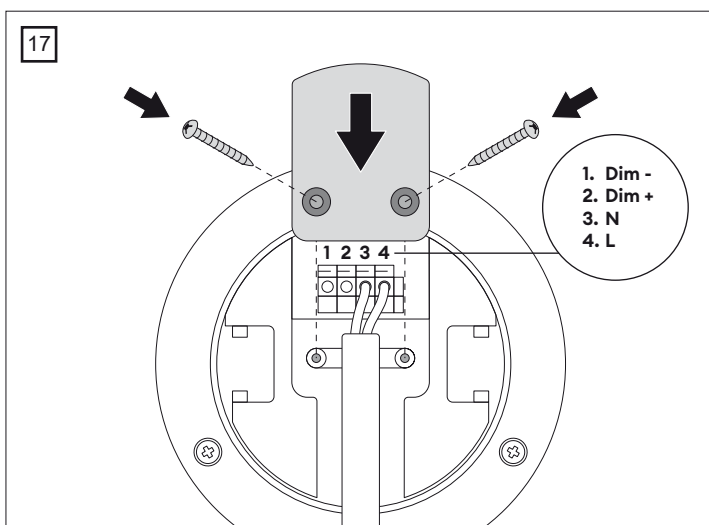
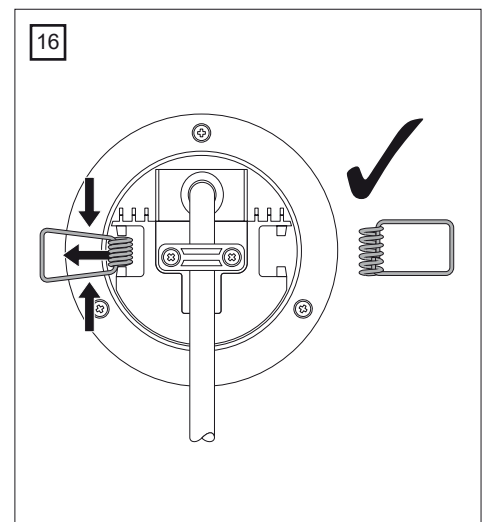
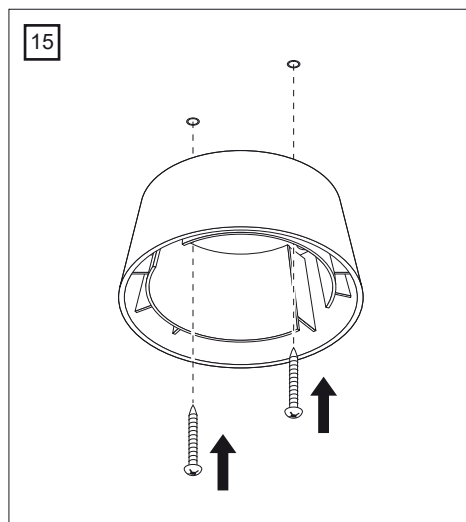
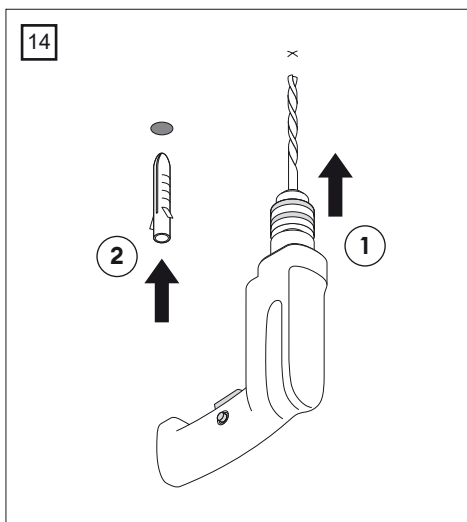
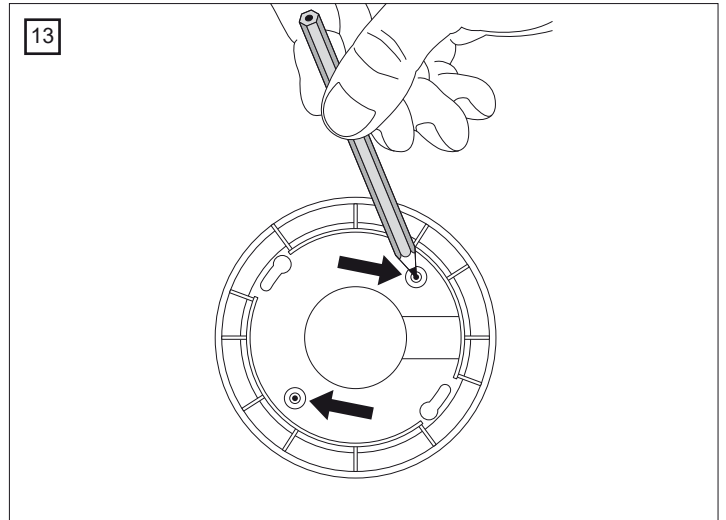
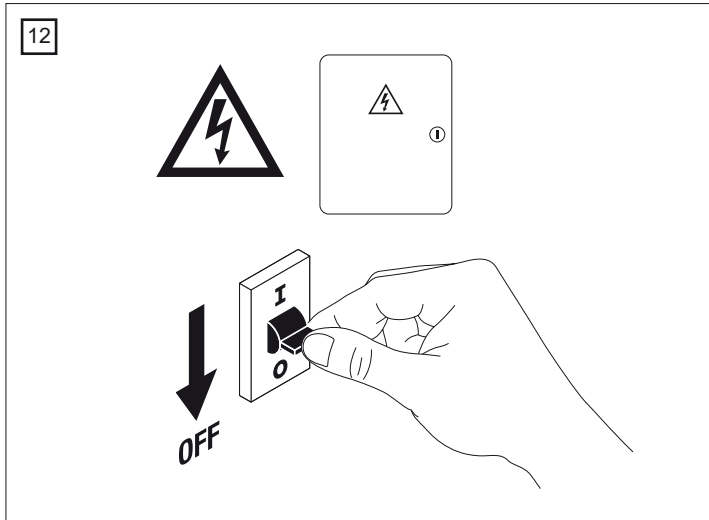
DO NOT install with power applied to device
DO NOT expose the device to moisture

Bend the springs up and push detector through hole in ceiling. When fully inserted the springs snap back to hold the device in place. To avoid injury, take care when bending springs.



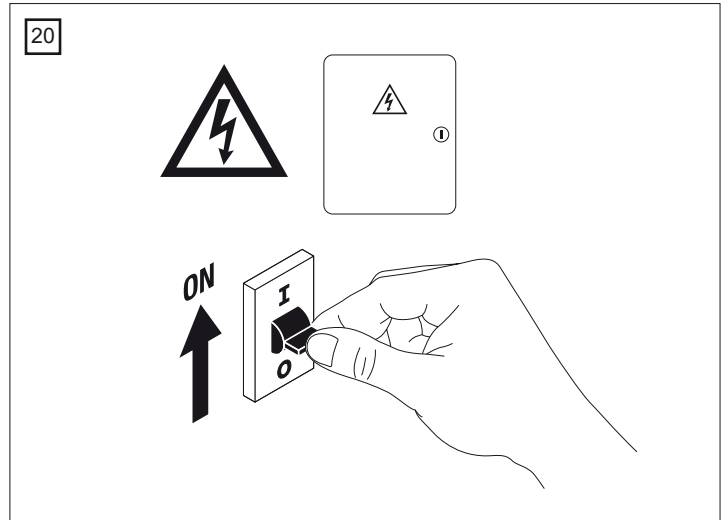
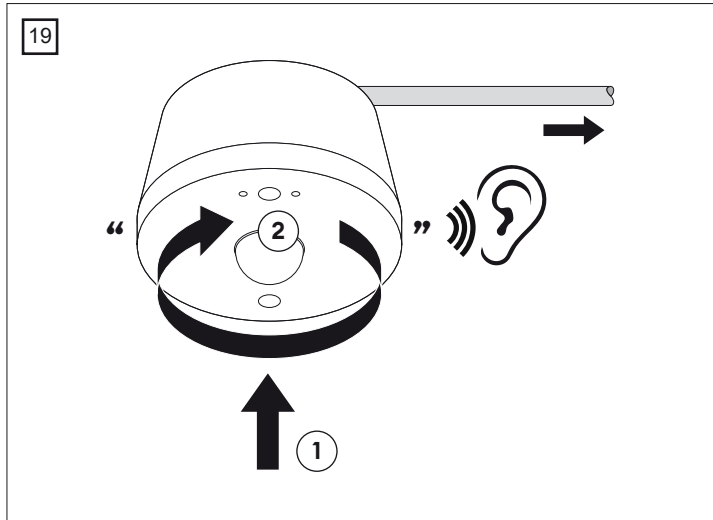
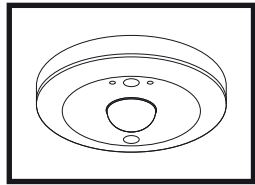






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