

Model: ND360

9 metre 360° ceiling Motion Sensor

Installation Sheet



Installation:

- **Important** - Install using a registered electrician • For indoor installation only • Install with power supply on an independent isolating switch

Cautions for Installation:

- Do not mount the product near radiators and moist areas.
- Mount sensor horizontal
- Settings can be adjusted 15 seconds after the power has been connected.
- Time and daylight settings can be made during the day or night.
- Do not change the time and daylight settings abruptly, do not make a second adjustment before you get a result from the first setting of the time and daylight.
- To get the best results for the daylight setting, adjust starting at the minimum setting and incrementally turn towards the maximum setting until you find the correct setting.
- After you determine the right setting of the daylight, you can arrange the time as you need.



- Avoid mounting the detector close to objects that can cause rapid temperature changes such as heaters, fans, refrigerators and ovens etc, and protect the PIR sensor from direct sunlight.

ND360 Sensor Product specifications:

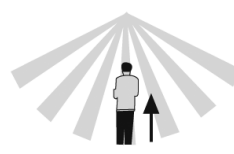
| | |
|-----------------------------|---|
| Operating voltage | 230-240V , 50 Hz <input type="checkbox"/> |
| Detection angle | 360° |
| Recommended Mounting height | 2.8 m. |
| Detection range | 9 metres diameter |
| Time settings | 10 sec to 5 min |
| Lighting load | Max 1000W incandescent Max 400W fluorescent |
| Protection class | IP20 |
| Operating temperature | -20 °C ~ +40°C |

DETECTION AREA

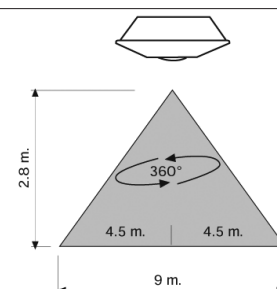
Detection area of motion sensor depends on the angle between PIR detector and moving direction, temperature and mounting placement. Temperature is very important for operation of motion sensors like all electronic devices.



Most Effective

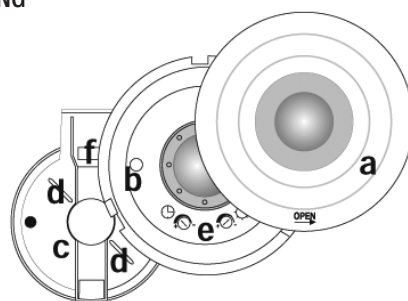


Least Effective

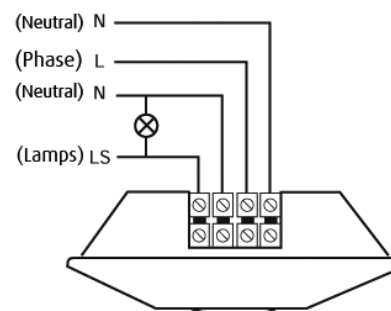


SYSTEM COMPONENTS AND MOUNTING

- (a) Protection cover
- (b) Body attachment screws
- (c) Mounting plate
- (d) Mounting holes
- (e) Time-daylight adjusting Knob
- (f) Cable entry



Note: if the (b) body and (c) mounting plate are assembled together, to disassemble remove the 2 screw (b)



Mount the mounting plate (c) using the holes (d). Connect Phase cable to terminal (L), Neutral cable to terminal (N) and Lamp cable to (LS). Reassemble body to mounting plate (c) with 2 screws (b). Use knobs (e) to make the adjustments. Place the protection cover (a) onto body by twisting on clockwise.

Problem Solving - The points noted under "cautions for Installation" are most important for trouble free installation.

If lights won't turn on: 1. Check the lamp is not blown 2. Check the main light switch is turned on 3. Increase lux setting

If lights won't turn off: 1. Movement is being detected 2. Reduce time Settings 3. Reduce lux setting 4. Turn main switch off for 5 mins then on again

Change in sensitivity or reliability of unit: 1. Remove heat or moisture source 2. Reposition installation

CAUTION: DO NOT DISMANTLE – There are no user serviceable parts inside sensor