Model: ND901
Ceiling Mount – 14 metre 360°High frequency occupancy sensor superlux
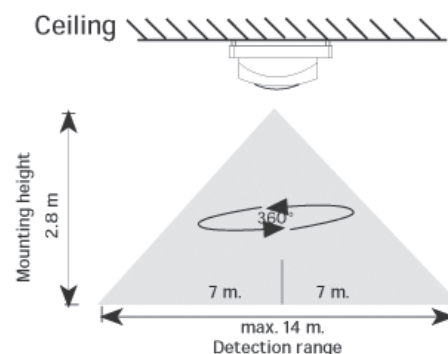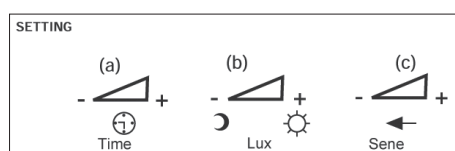## Installation Sheet

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.
• To set the detection range from 6-14metres diameter use the SENSE adjustment knob. This product senses small movements so you should be careful when adjusting to the maximum distance.
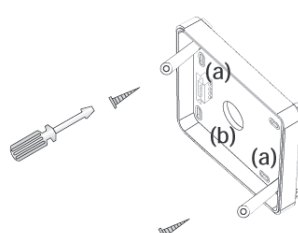

• Avoid mounting the detector close to objects that can cause rapid temperature changes such as heaters, fans, refrigerators and ovens etc, and protect the sensor from direct sunlight.
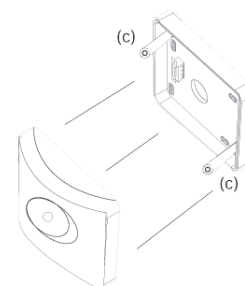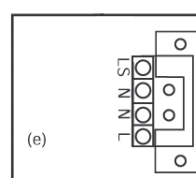
ND901 Sensor Product specifications:	
Operating voltage	230-240V , 50 Hz □
Detection angle	360°
Recommended Mounting height	2.8 m.
Detection range	6metres - 14 metres diameter (Adjustable)
Time settings	10 sec to 5 min
Lighting load	Max 1000W incandescent Max 400W fluorescent
Lux setting	2-2000 lux
Protection class	IP20
Operating temperature	-20 °C ~ +40°C
HF Frequency	10.525 GHz

Remove top protection cover. Then remove the 2 screws which fix the main body to the back mounting plate. Mount the mounting plate using the holes **(a)**. Use cable entry marked **(b)** Connect Phase cable to terminal **(L)**, Neutral cable to terminal **(N)** and Lamp cable to **(LS)**. Plug the main body into the mounting plate, aligning the 4 pins. Then fix in place with the 2 screws **(c)**. Use knobs to make the adjustments to the time, lux and sensitivity. Clip the protection cover **(a)** onto body when finished.

Mounting

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 **4.** Increase sensitivity

If lights won't turn off:
1. Movement is being detected **2.** Reduce time and lux Settings **3.** Reduce Sensitivity – the sensor might be detecting through thin walls **4.** Reposition the installation

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