PRESCONTROL **PRO**

SENSOR OF PRESENCE BASED ON PASSIVE INFRARED DETECTION (PIR)

1
We are delighted that you have purchased this PIR Light. This light is suitable for indoor use only. Please read this instruction manual before installation and retain for future reference.

IMPORTANT: Never modify the unit, there are no user serviceable parts inside. Not suitable for use with dimmer switches. Install in accordance with IEC Wiring Regulations.

THE SENSOR SHOULD BE INSTALLED BY A QUALIFIED ELECTRICIAN.

3m

3 M MEDIUM OF THE DETECTION OF THE PRESENCE
(SMALL HANDS WITH HAND, HEAD)

9 M MOVING DETECTION
(NORMAL MOVEMENTS)

2
OCCUPANCY
The PIR Sensor have a Occupancy Range of Radius 3 meters. In this range, the sensor will detect small movement (Shake Head, walk slowly and so on) to turn on the light or keep the light always on when it detected small movement. If you want to achieve best results, we suggest you take into account the following points:

1. The Occupancy Range is 3 meters.
2. We suggest the delay time must be set more than 10 minutes.
3. The PIR Sensor must worked at 25^0 or lower and dry weather (normal temperature)

3
POSITIONING THE SENSOR
When selecting the mounting position, take into account the following points:

1. The sensor is designed for optimum performance when mounted at a height of above 2.5 to 3.5 meters (see Figure 1)
2. Avoid pointing at or positioning close to heat sources such as heaters or heat extraction units, which may cause false triggering.
3. Avoid pointing at bright lights as the PIR sensor will not function when you set Lux control level to dark (☾ position).
4. Avoid mounting at strong electromagnetic disturbance, i.e. near electrical motor or fluorescent lamp ballast.
5. The hole is a reserved Leaking hole(Min. 4.0x5.0mm), you can open it if necessary.

Leaking Holes

Leaking hole

4
INSTALLING THE SENSOR

Before commencing any electrical work, ensure the mains supply is isolated by switching off and removing the relevant fuse. (See Figure 2A and Figure 2B)

A. Ceiling Mounting (Figure 2A)
1. Remove the front cover, prize up the main unit by screwdriver
2. Unscrew the Anchorage, remove the Junction Box and Terminal Block
3. Use the Bottom Cover to mark the position of screw holes onto mounting surface. Drill the wall to depth of about 35mm and fit the plastic plugs, and then fix the Support to the mounting surface with rightly screws. Care should be taken to avoid drilling or screwing into concealed electrical wiring.
4. Connect mains wiring to the terminal block.
5. Refit the Terminal Block , Junction Box and Anchorage.
6. Fit the main body onto the Bottom Cover, then re-fit the front cover.

L out

N

L in
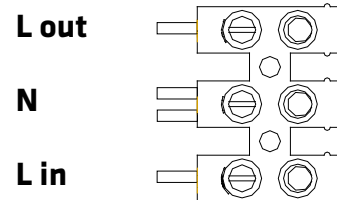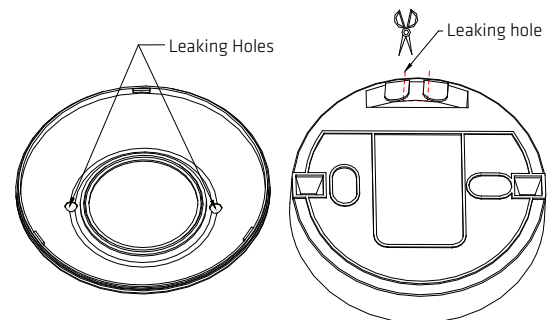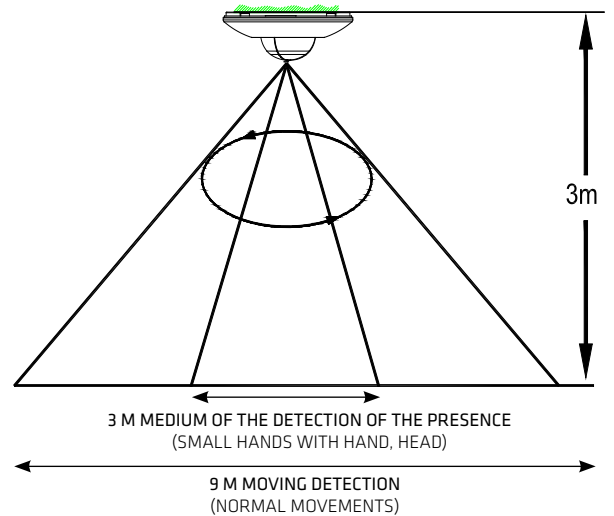
PRESCONTROL **PRO**

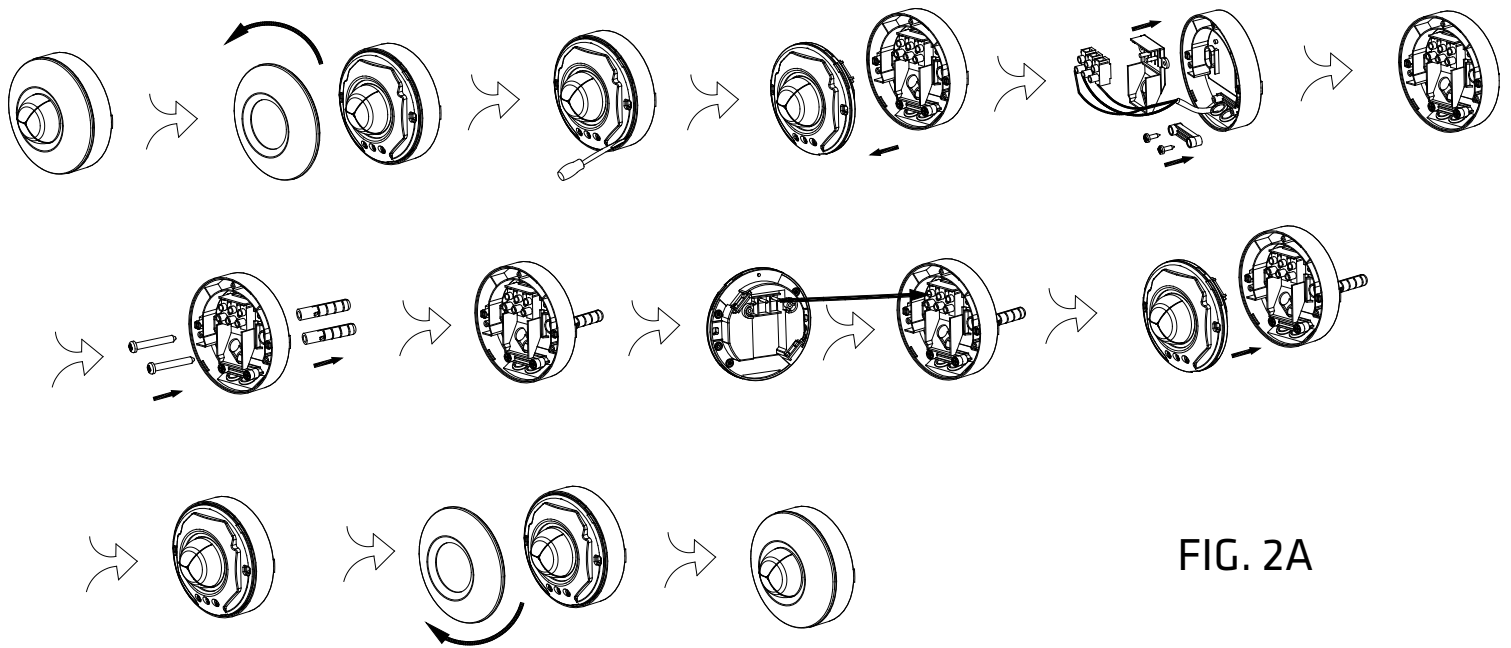CZUJNIK OBECNOŚCI OPARTY NA PASYWNEJ DETEKCJI PODCZERWIENI (PIR)

FIG. 2A

B. Built-in Mounting (Figure 2B)

1. Open the spring to the position of Fig.2B
2. Press the spring into the groove, then close the spring
3. Unscrew the Anchorage, remove the Junction Box and Terminal Block.

4. Connect mains wires to the terminal block.
5. Refit the Terminal Block , Junction Box and Anchorage.
6. Drill a 80mm hole on the ceiling
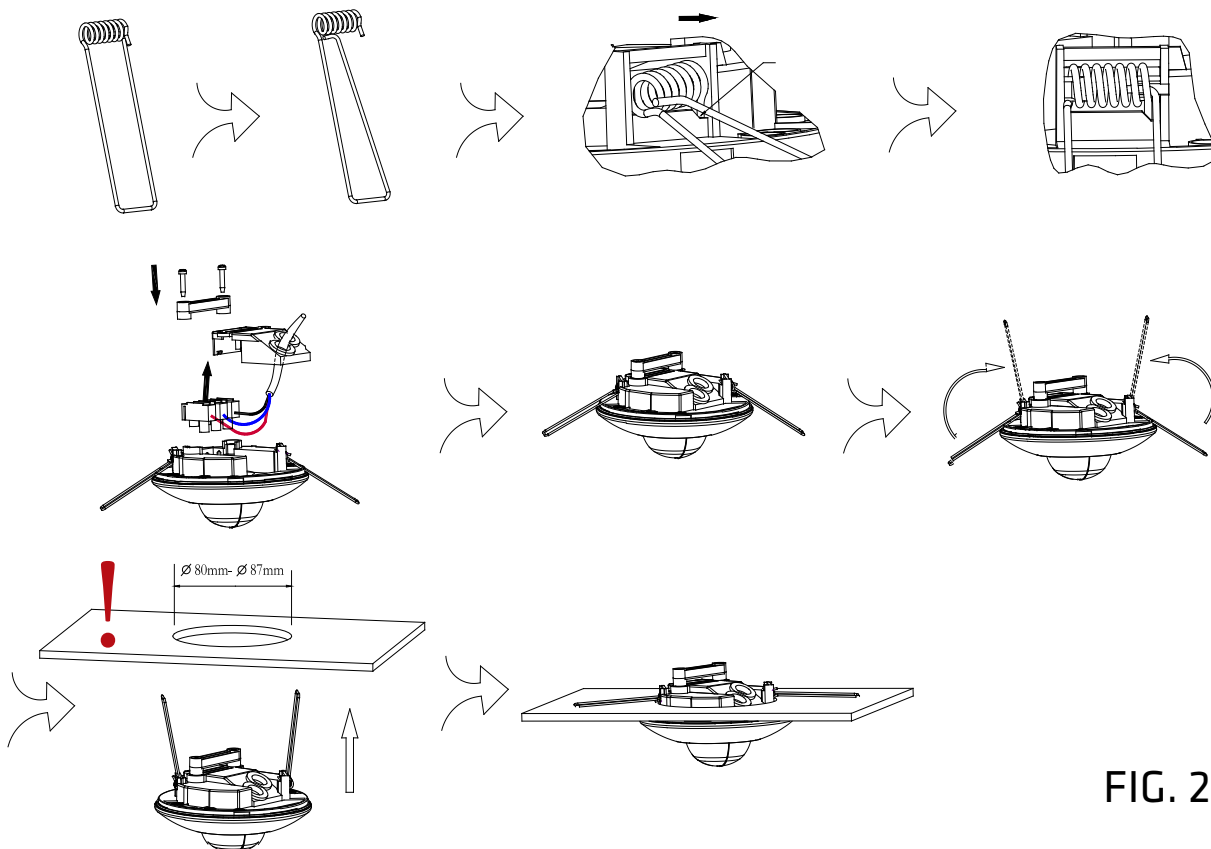7. Built-in the main body to the ceiling with the spring.

Ø 80mm- Ø 87mm

FIG. 2B

LENA LIGHTING

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CZUJNIK OBECNOŚCI OPARTY NA PASYWNEJ DETEKCJI PODCZERWIENI (PIR)

5 ADJUSTING THE LUX (LIGHT) CONTROL LEVEL

The Lux control is a built-in sensing device (photocell) that detects daylight and darkness.

(☀) position denotes the light can be turned on during daylight and night.
(☾) position denotes the light can be turned only at nigh.

You can set to operate the unit at the desired level by adjusting the LUX knob

ADJUSTING THE DURATION TIME:

The duration time is "the length of time that light switches 'on' after activation. The duration time can be adjusted from (10±5) seconds to (40±5) minutes. Rotating the TIME knob from (+) to (-) will reduce the duration time. Note: Once the light has been triggered by the PIR sensor any subsequent detection will start the timed period again from the beginning.

ADJUSTING THE SENSITIVITY:

The sensitivity means the Maximum distance which PIR Sensor can be triggered by movement body. Turning the SENS knob from (+) to (-) will decrease the sensitivity.

6 SETTING THE CONTROLS

1. Put the Lux control knob to light ( ) position, turn the wall switch on and wait half a minute for the control circuit to stabilize. At this stage ensure that the TIME control knob is set at minimum duration time (-) position. The floodlight will now switch on and remain on for about 30 seconds (within 60 seconds).

2. Direct the sensor toward the desired area to be scanned by adjusting the swivel joint on the sensor arm.
    Important: loosen the lock nuts and screws on sensor and floodlight before making any adjustments.

3. Have another person move across the center of the area to be scanned and slowly adjust the angle of the sensor arm until the unit sensors the presence of the moving person, causing the floodlight to switch on.

4. Adjust time control to required setting.

To set the light level at which the floodlight will automatically switch "on" at night, turn the LUX control knob from daylight (☀) to night (☾). If the floodlight is required to switch on earlier, e. g. Dusk, wait for the desired light level, and then slowly turn the LUX control knob towards daylight while someone walks across the center of the area to be detected. When the floodlight switches on, release the LUX control knob. You may need to make further adjustments to achieve your ideal light level setting
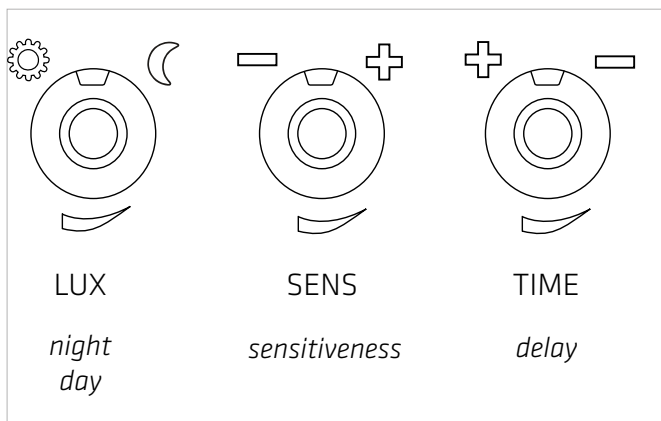
LUX

night
day

SENS

sensitiveness

TIME

delay

20.9.2017

RoHS compliant

The luminaire complies with the EU ROHS Directive 2011/65/UE.

This product is a subject to electric and electronic waste equipment regulations (WEEE).

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