3 INSTALLATION

A. Choosing a place to install the fitting:
Depending on the use given to the unit and the functioning mode chosen, the place where to install the sensor should be chosen, several thing should be considered.
- If the automatic regulation is going to be used, take into account the luminosity of the room:
  - Distribute the installation by zones depending on the quantity of natural light. Install one unit in each zone if they are clearly separated.
- Adjusting the gain factor (See section 4B)
- Time adjustable (see section 4)
- Two possible settings:
  - Incorporates light sensor and movement detector.
  - Installed 2.4m height.
  - Circular movement detection area, with a maximum diameter of 7m, Surface wall mounted for interior installations.
- An L (Charge) output channel for the movement detection function.
- An output channel 1-10v depending on the light measured.
- Light sensor with movement detection option with two channels:
  - Automatic regulation
  - ILSS110
  - ON / OFF
  - MAXIMUM SENSITIVITY AREA
  - Maximum injection current: 250mA.
  - Maximum absorption current: 500mA.
  - Relay maneuver voltage: 230v Ac.
  - Relay breaking capacity: 16A.
  - Normalink adapter (ref: IDNG-EAD).
  - Consumption: 230v 50/60Hz.
- Constant light control and movement detectors

B. Adjusting the gain factor.
With this potentiometer, the proportional gain factor (K) of the sensor can be adjusted.
- Adjustment of this factor depends on (K)
  - Only 10 seconds.
  - Movement properly, since it reduces the time that the fitting is active to only 10 seconds.
  - This mode is quite helpful when checking if the system is detecting movement can be adjusted. This interval can be adjusted between 10 and 30 minutes.
- If a potentiometer is set at the minimum (-), the TEST mode is selected.
- With this potentiometer, the time that the system will remain active after detecting movement can be adjusted. This interval can be adjusted between 10 and 30 minutes.
  - Adjustment of this factor depends on (K)

C. Functioning as a light regulator and presence detector:
- To get access to the above mentioned items, simply remove the front cover.
- C. Access to terminal blocks, screws and potentiometer:
  - Technical specifications
  - Power supply: 230v 50060Hz.
  - Consumption: 2w.
  - Charge: Normalink adapter (ref: IDNG-EAD).
  - Relay maneuver voltage: 250V AC.
  - Relay breaking capacity: 16A.
  - Maximum absorption current: 500mA.
  - Maximum injection current: 250mA.
  - Detection range: 360° and maximum 7m diameter, installed at 2.4m height.
  - Connection time: 10 min to 30 min.
  - Dimensions (Installed): 118.5 diameter and 45mm.
  - IP rating: IP20 according to UNE20324.
  - Working temperature: 0°C to 45°C.
  - Storage temperature: -10°C to 45°C.
  - Terminal blocks: Conductor up to 6mm² section.
  - According to UNE EN 60730 norm.

4 ADJUSTING AND FUNCTIONING MODE

There are two potentiometers to carry out the adjustments:

A. Connection time adjustment (Time) and test mode (-) (sensor):
- With this potentiometer, the time that the system will remain active after detecting movement can be adjusted. This interval can be adjusted between 10 and 30 minutes.
  - If a potentiometer is set at the minimum (-), the TEST mode is selected.
  - This mode is quite helpful when checking if the system is detecting movement properly, since it reduces the time that the fitting is active to only 10 seconds.

B. Adjusting the gain factor.
- With this potentiometer, the proportional gain factor (K) of the sensor can be adjusted.
  - If we turn the potentiometer to the position, this will be at minimum, and if we turn it to the position it will be at maximum.
  - Adjustment of this factor depends on (K)

C. Movement test and LED function.
- The LED can be used as an indicator when the movement detection functioning test is carried out.
  - How to carry out the test:
    1. Point the detector to the area to be covered.
    2. Set the TIME potentiometer to the + position. This sets the active time to 10 seconds only.
    3. Turn on the detector.
    4. - Wait for at least 1 minute for the detector to stabilize.
    5. - Walk into the detection area until we are detected.
    6. - Adjust the head of the detector when it is needed to change the covered area. Remember not to point the detector to light sources.
    7. - Repeat steps 5 and 6 until the level of coverage desired is met.

1 FEATURES
Light sensor with movement detection option with two channels:
- An output channel 1-10v depending on the light measured.
- An L (Charge) output channel for the movement detection function.
- Surface wall mounted for interior installations.
- Circular movement detection area, with a maximum diameter of 7m, installed 2.4m height.
- Incorporates light sensor and movement detector.
- Two possible settings:
  - Time adjustable (see section 4)
  - Adjusting the gain factor (See section 4B)

2 FUNCTIONING
The system allows having a permanent 1-10v output depending on the light detected, and its light range goes from 30 to 1000 luxes.
- The movement detection function is independent from the level of light and its "L" output is temporized, and it can be adjusted between 10 and 30 minutes.

Please note:
- Once the fitting is connected to mains and it is turned off, the relay will remain closed and the output will be at maximum while the stabilization takes place (approximately 1 minute).