Reg nº 402030
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Instructions DETECT-R IP54

Detect–R IP54 is a new product adopting infrared sensor, gathering automatism, convenience, safety and energy saving in a smaller size. As soon as someone enters its detection field, Detect–R IP54 starts up by detecting the difference in temperature in the human body, identifying day and night cycles.

I. Specifications

Power Sourcing	220-240 V/AC
Power Frequency	50Hz
Detection Range	360º
Detection Distance	6m (<24)
Ambient light	3-2000LUX (adj.)
Time Delay	Min. 10sec. ±3sec. Max. 15min. ±2min.
Rated Load	Max. 1200W ☼ 300W
Working Temperature	-20~+40
Working Humidity	<93%RH
Power Consumption	approx.0.5W
Installation Heigh	2.2-4m
Detection Moving Speed	0.6-1.5m/s

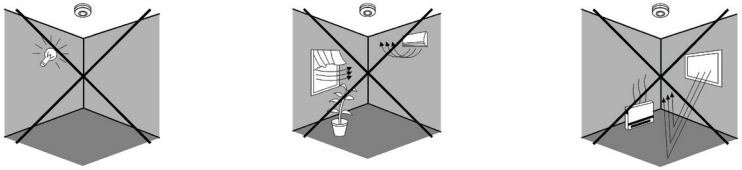
II. Functions

- Identify day and night automatically. Can adjust ambient light according to your desire: when turn to SUN (max), it will work in the daytime and at night. When turn to MOON (min), it will only work under less than 3LUX circumstance. As for Adjustment, please refer to testing way.
- Time-Delay is added continually: When it receives the second induction signal within the time frame of the first, it will add up from the first signal.
- The timer that the lamp stays on, can be set manually, being the minimum 10s and the maximum 15min.

NOTE: The installation must be done by a qualified professional, which follows this instructions rigorously. Before using, read this instructions carefully.

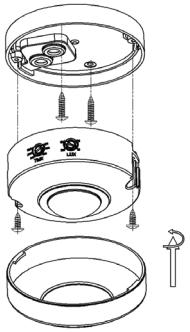
III. What to avoid during the installation.

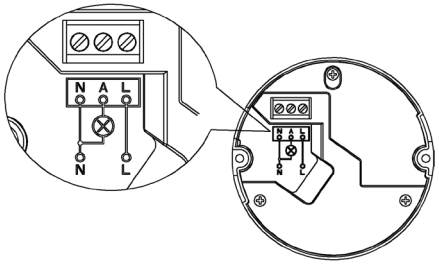
- Directing Detect–R IP54 towards highly reflective surfaces, an example is a mirror.
- Installing Detect – R IP54 near heat sources, such as vents, air conditioners.
- Directing Detect – R IP54 towards moving objects, such as curtains or plants subjected to wind.

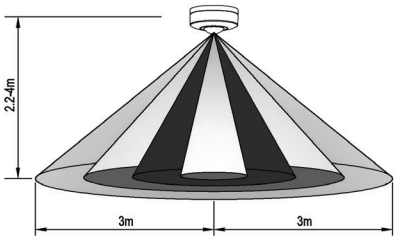


IV. Installation

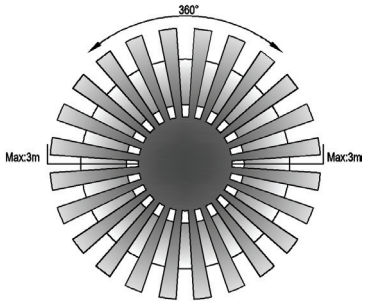
- To remove the cover, rotate the cover anti-clockwise.
- Connect the wires as showed in the connection wire diagram.
- Aperte a tampa da traseira à parede com o auxílio dos parafusos.
- Por fim coloque a tampa frontal e rode no sentido dos ponteiros do relógio.







Height of installation: 2.2-4m



Detection Distance: Max.6m

All responsabilities for defects or damages are hereby rejected if caused by: incorrect assembling of the product, incorrect supply, use of lamps not suitable for this product, external agents. BLI_20.1_2015

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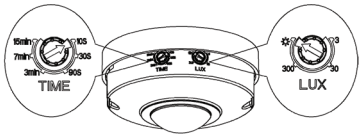
V. Testing

- Rotate LUX knob clockwise until it reaches the SUN symbol and turn the TIME knob anti-clockwise until the 10s marker is reached.



- Next switch on the power, if you followed the guide to this point it should start working, the light will turn on immediately turning off after 10s +- 3 sec.

- Should it receive a second signal amidst the first cycle, the timer will add up, meaning that the overall timer the luminaire stays on will increase. Turn LUX knob anti-clockwise on the minimum (3). If the ambient light is more than 3LUX, the sensor would not work and the lamp stop working too. If the ambient light is less than 3LUX (darkness), the sensor would work. Under no induction signal condition, the sensor should stop working within 10sec±3sec.

NOTE: when testing in daylight, please turn LUX knob to SUN position, otherwise the sensor lamp could not work!

VI. Troubleshooting

- The load does not work:
  - Please check if the connection of power source and load is correct.
  - Please check if the load is good.
  - Please check if the settings of working light correspond to ambient light.

- The sensitivity is poor:
  - Please check if there is any hindrance in front of the detector to affect it to receive the signals.
  - Please check if the induction signal source is in the detection field.
  - Please check if the installation height corresponds to the height required in the instruction.

- The sensor can not shut off the load automatically:
  - Please check if there is continual signal in the detection field.
  - Please check if the time delay is set to the maximum position
  - Please check if the power corresponds to the instruction.