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Instructions CONTROL SENSE IP65

The Control Sense is a new product adopting the microwave sensor with high frequency electromagnetic waves (5.8Ghz), gathering automatism, convenience, safety and energy saving in a small size. When someone enters its detection field, it can start automatically and choose between 2 cycles, Day and Night. It can detect through glass and thin walls.

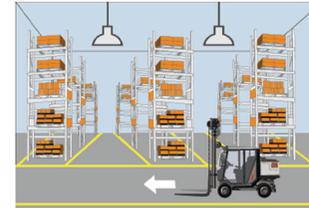
I. Specifications

Power Sourcing	220-240 V/AC
Power Frequency	50Hz
Detection Angle	360°
Detection Range	50%, 100% (adj)
Detection Distance	4 - 10m (radius) (adj)
Ambient light	2Lux, 10Lux, 50Lux 2000 Lux (adj)
Time Delay	5s, 30s, 90s, 3m, 5m, 10m 20m, 30m (adj)
Rated Load	Max. 600W
Stan-by Period	10s, 1m, 15m, 10m, 30m, 1H, (∞), 0s (adj)
Power Consumption	approx.0.9W
Transmission Power	< 0.2mW
Installation Height	4 - 15m
Detection Moving Speed	0.6 - 1.5m/s
HF System	5.8GHz Cw radar ISM board
Stand-by dim level	10%, 20%, 30%, 50% (adj)

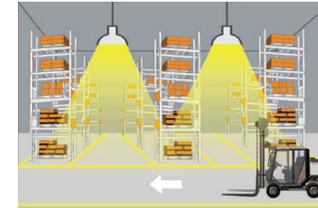


II. Functions

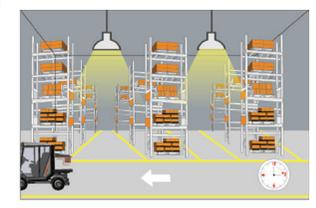
- The Control Sense can identify Day and Night cycles, the way to change settings will be explained in detail further on.
- Hold time is optional, it can be set manually by the user, being the minimum 5s and the maximum 30min.
- It offers 3 levels of light: 100 %--> dimmed light (10%, 20%, 30%, 50% optional) -->off; and 2 periods of selectable waiting time, motion hold time and stand-by period; selectable LUX value and choice of detection area.



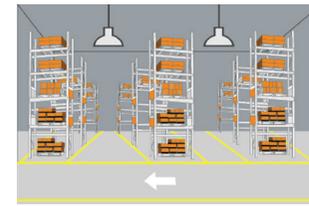
If the ambient light is above the daylight threshold, the lamp won't turn on.



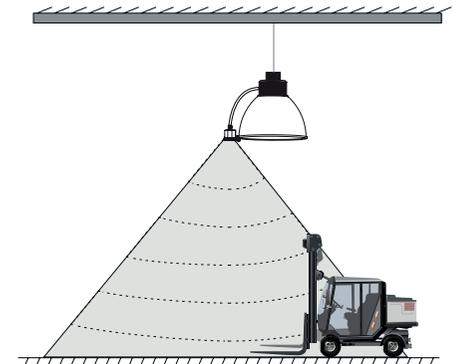
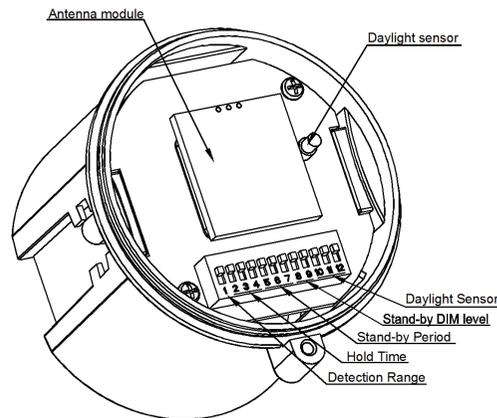
If the ambient light is below the daylight threshold, the lamp will turn on when motion is detected.



After hold time, the sensor dims the lamp at a low light level if no new motion trigger



It will automatically turn off, once the stand-by timer has run out.



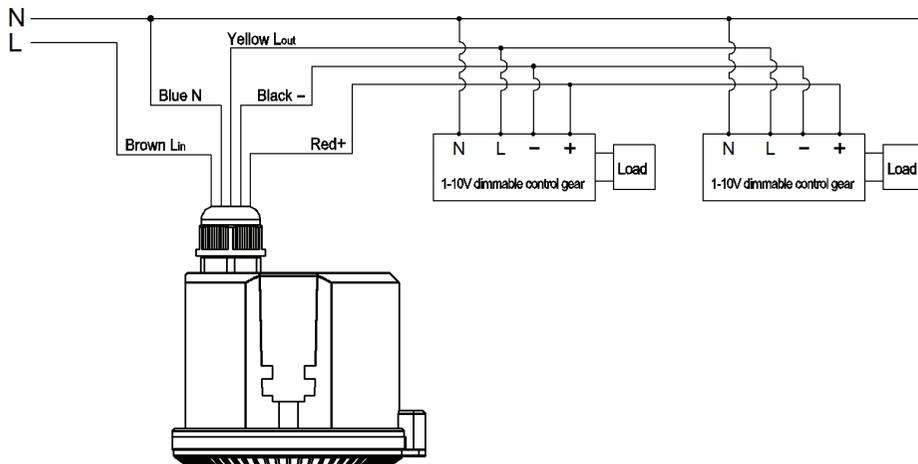
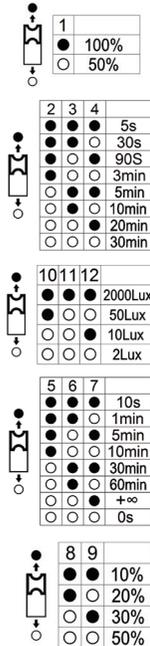
All responsibilities for defects or damages are hereby rejected if caused by: incorrect assembling of the product, incorrect supply, use of lamps not suitable for this product, external agents. BLI/209.EN

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III. Settings:

- Detection Distance:**
It can be set with several DIP switch combination, allowing for a more specific application.
- Hold Time:**
Its the time period in which the lamp stay at 100%, after a person has left the detection field.
- Daylight Sensor:**
With the DIP switch, the LUX value can be set, in order to adjust the situation.
- Stand-by Period:**
Its the time frame, in which you would like to keep an low light output before, it completely switches off.
Note: (∞) Means the output will remains indefinitely.
0s means it won't remain after the person as left the detection zone.
- Stand-by dim level:**
This setting allows you to select the output level of the light, once you leave the detection zone.



IV. Test

- Switch off the power. Slide all the switches on the upward position, then switch on the power, the light will be on, after 5 sec without an signal the light will begging to fade slowly. The next time the sensor receives an detection signal, it should work normally.
- Set the stand-by function to 10s after, when the sensor receives a signal, the light output will be set on 100% after 5s, it'll slowly begin to fade until the 10% threshold, where it will remain for 10sec and turn off. If a signal is received within the stand-by period, the light should turn on at 100% output.

V. Notes

- Electrician or experienced human can install it.
- Can not be installed on the uneven and shaky surface
- In front of the sensor there shouldn't be obstructive object affecting detection.
- Avoid installing it near the metal and glass which may affect the sensor
- For your safety, please don't open the case if you find hitch after installation
- In order to avoid the unexpected damage of product, please add a safe device of current 6A when installing microwave sensor, for example, fuse, safe tube etc.
- Motion sensor overrides daylight sensor, meaning the daylight sensor starts to check the ambient natural light only when the lamp is switched off (motion hold-time elapsed).
- This 1-10V output is no insulated; please make sure the fixture is constructed according to relevant safety standard

VI. Troubleshooting

- Won't turn on: Check the power and load. Check if the light on signal is turned on, is so please check the load.
- Poor Sensitivity: Please check to see if there's any object in the detection field. Please check the installation height.