



EU Reg n° 003469376
www.blink.com.pt

EU Reg n° 003469376
www.blink.com.pt

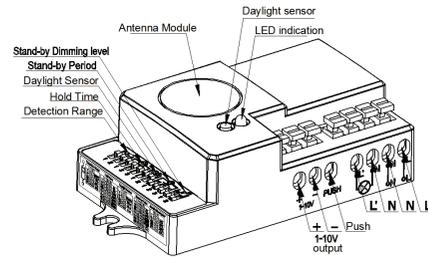


Instructions CONTROL SENSE

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	180° / 360°
Detection Range	10%, 50%, 75%, 100% (adj)
Detection Distance	Wall: 5 - 15m (adj) Ceiling: 1 - 8m (radius) (adj)
Ambient light	2Lux, 10Lux, 50Lux 2000 Lux (adj)
Time Delay	5s, 30s, 1m, 5m 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	Wall: 1.5 - 3.5m Ceiling: 2 - 8m
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)



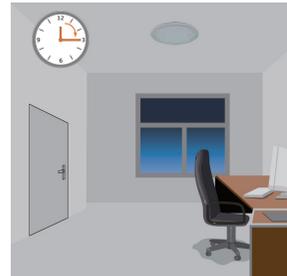
If the ambient light is above the daylight threshold, the lamp won't turn on if someone enters the room.



If the ambient light is below the daylight threshold, the lamp will turn on if someone enters the room.



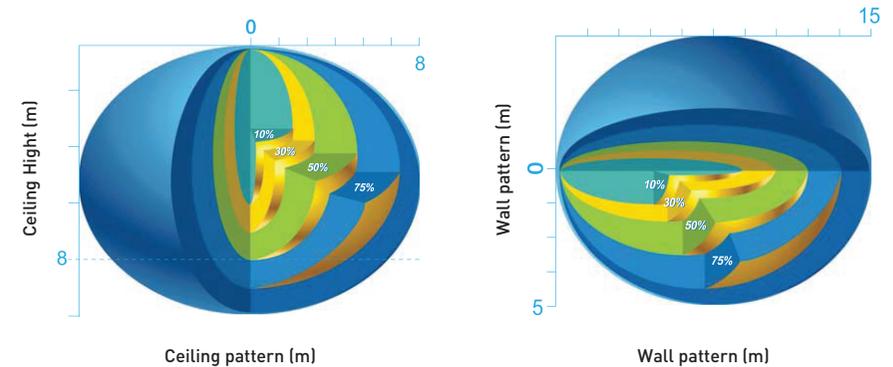
As the person leaves the room the light will dim, towards the previous selected threshold, staying until the stand by period ends.



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

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.
- The Control Sense can set its light output from 3 levels. On OFF and dim, the ON option the light output stay on 100%, while on OFF the light output will be 0%. As for the dim option it can be set manually from 10% to 50%.



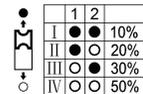
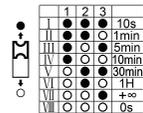
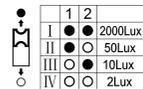
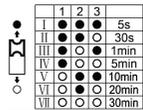
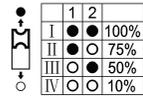
All responsibilities for defects or damages are hereby rejected if caused by: incorrect assembling of the product, incorrect supply, use of lamps not suitable for this product, external agents. BLI/209.EN

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



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.



Connection diagram:

Diagram without push-switch.

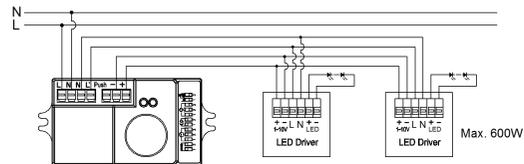
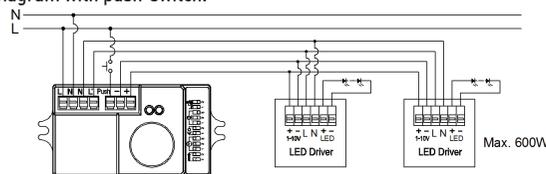


Diagram with push-switch.



- The Control Sense allows the end user to manually switch on/of or adjust the stand-by dim level, with the push-switch;
- Short push (<1s): On/Off;
- ON >>> Off: The Control Sense turn of immediately and can't be on for the next minute, even if movement is detected it won't turn off, after it'll start with auto mode;
- OFF >>> ON: The light output turns to 100% and enters auto mode;
- Long push (>1s): Dim up/down;
- Dim up or down from 10% to 50%. the setting on DIP switch can both override each other, staying in execution the last option selected.

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 a 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

- The installation must be done by a qualified professional who follows this instruction thoroughly.
- Can't be installed on uneven or shaky surfaces.
- Make sure there aren't any objects in front of the detection field.
- Please make sure, the location where you install the Control Sense, doesn't have metal or glass in the vicinity.
- In order to avoid damage to the sensor, please use a safety device such as fuse (6A).
- Motion detection overrides the daylight sensor, meaning the daylight sensor checks the natural ambient light only if the lamp is turn off.
- The 1-10V output isn't isolated, make sure its installation is made according to the 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.