

## Instruccions OSLO

Oslo is a SMD Led Luminaire with a incorporated high frequency electromagnetic wave (5.8GHz) sensor, it gathers automatism, convenience, safety, energy saving and practicality in one luminaire. Its sensor activates with motion, when entering its detection field Oslo starts immediately, and has a day and night cycle. Oslo can detect through thin walls.

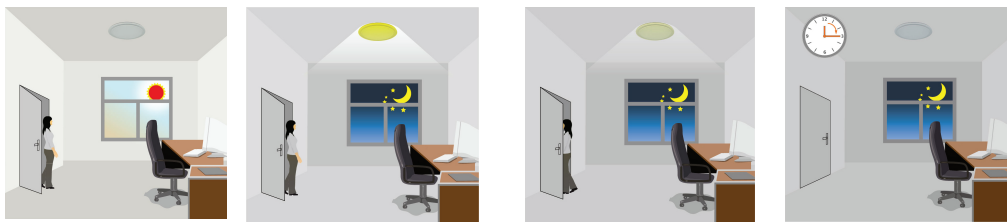
### I. Specifications

Power Sourcing	220-240 V/AC
Frequency	50Hz
Detection Range	180/360°
Detection distance (Wall)	5m - 15mts (<24)
Detection distance (Ceiling)	2m - 8mts (<24)
Ambient Light	5-2000LUX (aj.)
Time-Delay	Min. 10seg.±3seg. Max. 10min± 2min.
Stand-by Time	0s, 30s, 10min,+00
% Stand-by light	20% (400lm)
Load	Max. 1200W ⚡ 300W ⚡
Working temperature	-20~+40
Humidity	<93%RH
Power Consumption	aprox.0.9W
Intalling height (Wall)	1,5-3,5m
Intalling height (Ceiling)	2,0-4,0m
Detection Motion speed	0.6-1.5m/s



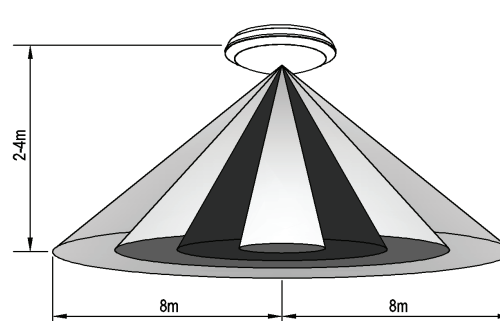
### II. Function

- Oslo can identify day and night cycles.
- Active time is the designation given to the time a luminaire stays on, the minimum being 10s and the maximum 10min.
- With Oslo you can select 3 types of brightness intensity: 100%, 20% and off (0%)

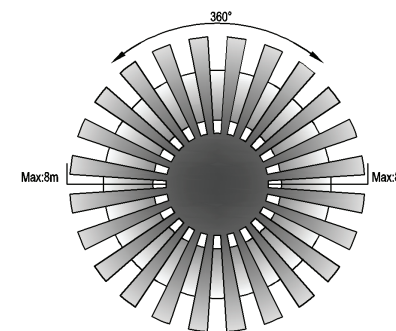


- First figure: When the ambient light is higher than the daylight threshold, the luminaire doesn't turn on when someone enters the room.
- Second figure: When the ambient light is lower than the threshold, the luminaire turns on if someone enters the room.
- Third figure: You can also set the dim level (20%) for stand-by period, which is initiated after the first initial cycle is over.
- Four figure: The luminaire turns off after the stand-by period is over

### III. Sensor information



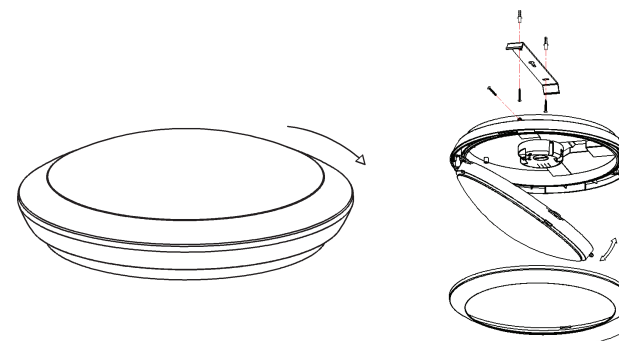
Installation Height : 2-4m

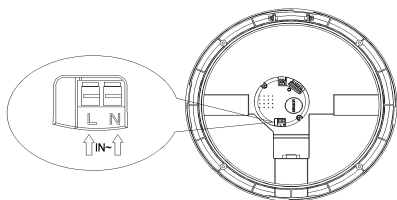


Detection range: Max. 8m (radius)

### IV. Installation

- Switch off the power.
- Rotate the cover clockwise to open the luminaire, take out the screws and open the diffuser case.
- Connect the wire according to the connection wire diagram.
- Put back the diffuser cover and the cover.
- Turn on the power.





## V. Setting

- Range value: Range value can be set with various combinations. Use the dip-switch as showed in the diagram, for the intended purpose.

	1	2	
I	●	●	100%
II	○	●	75%
III	●	○	50%
IV	○	○	10%

- Active Time: Active time is the period that the luminaire will stay on at 100% brightness, after the movement has seized.

	3	4	
I	●	●	10S
II	○	●	90S
III	●	○	3min
IV	○	○	10min

- Day and Night cycles: Set the sensitivity for the sensor.

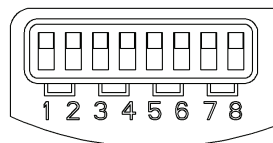
	5	6	
I	●	●	2000Lux
II	○	●	50Lux
III	●	○	15Lux
IV	○	○	5Lux

- Stand by period: This sets up the period of time in which the dimmer stays on after entering stand by period. Note: +00 means that the luminaire will always stay on with 20% brightness. "0" means no dimming function.

	7	8	
I	●	●	0S
II	○	●	30S
III	●	○	10min
IV	○	○	+∞

## VI. Test

- The first thing you must do is slide the dip switch to the "ON" position. After you turn the power on, the luminaire will start immediately, and if no signal is received after 10 seconds will begin to fade slowly until it turns off, if the sensor receives a second signal it will work with full brightness.



- Set the Stand-by switch to 30 seconds, after the first signal is received the luminaire will turn on at full brightness for 10 seconds, and starts to dim until it reaches 20% brightness for 30 seconds and turn off. If there is a second signal received the luminaire will turn on with full brightness.

	Detection Range		Hold Time		Daylight Sensor		Stand-by Period	
I	●	●	1	●	1	●	1	●
II	○	●	2	●	2	○	2	●
III	●	○	3	○	3	●	3	○
IV	○	○	4	○	4	○	4	○

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

## VII. Some problem and solved way

- The load don't work:
  - Please check the power and load connect is correct.
  - Check if the load is good
  - Check if the working light corresponds to the ambient light
- The sensitivity is poor:
  - Please check if there is hinder in front of the detection window to effect receiving the signals.
  - Please check if the signals source is in the detection fields.
  - Please check if the installation height corresponds to the height showed in the instruction.
- The sensor can't shut the load automatically:
  - Check if there are continual signals in the detection fields
  - Check if the time delay is set to the longest.
  - Check if the power corresponds to the instruction

