

Line Voltage Microwave Bi-Level Sensor

MODEL SENSOR-MLTS



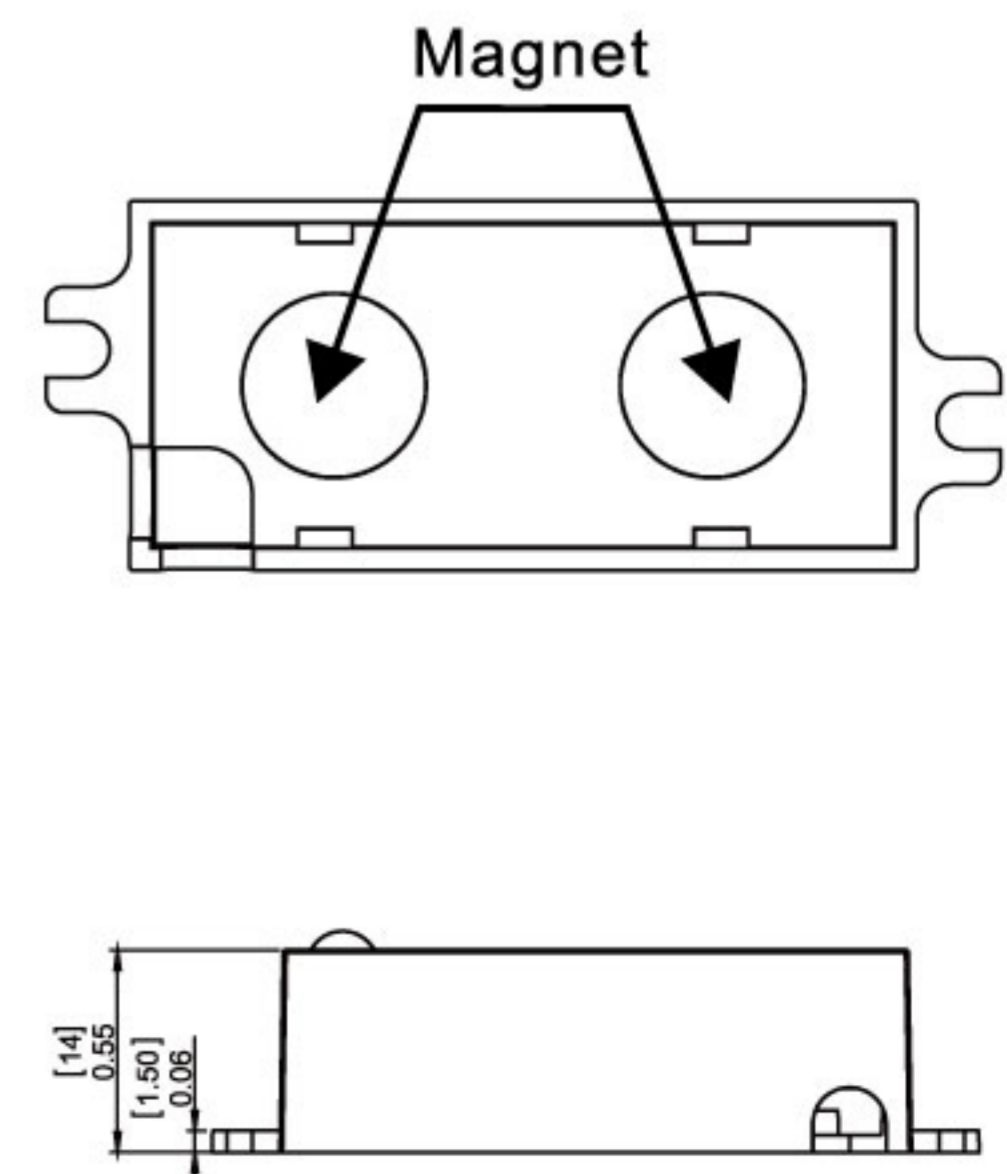
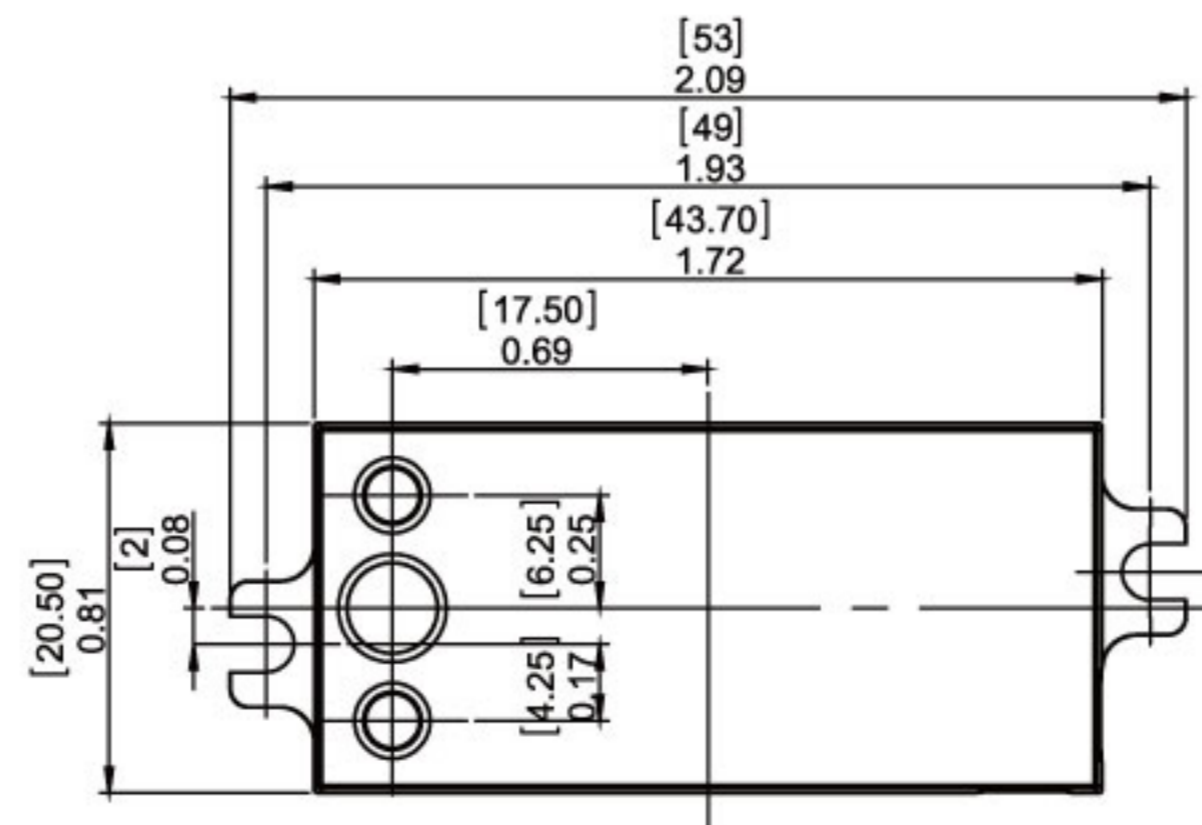
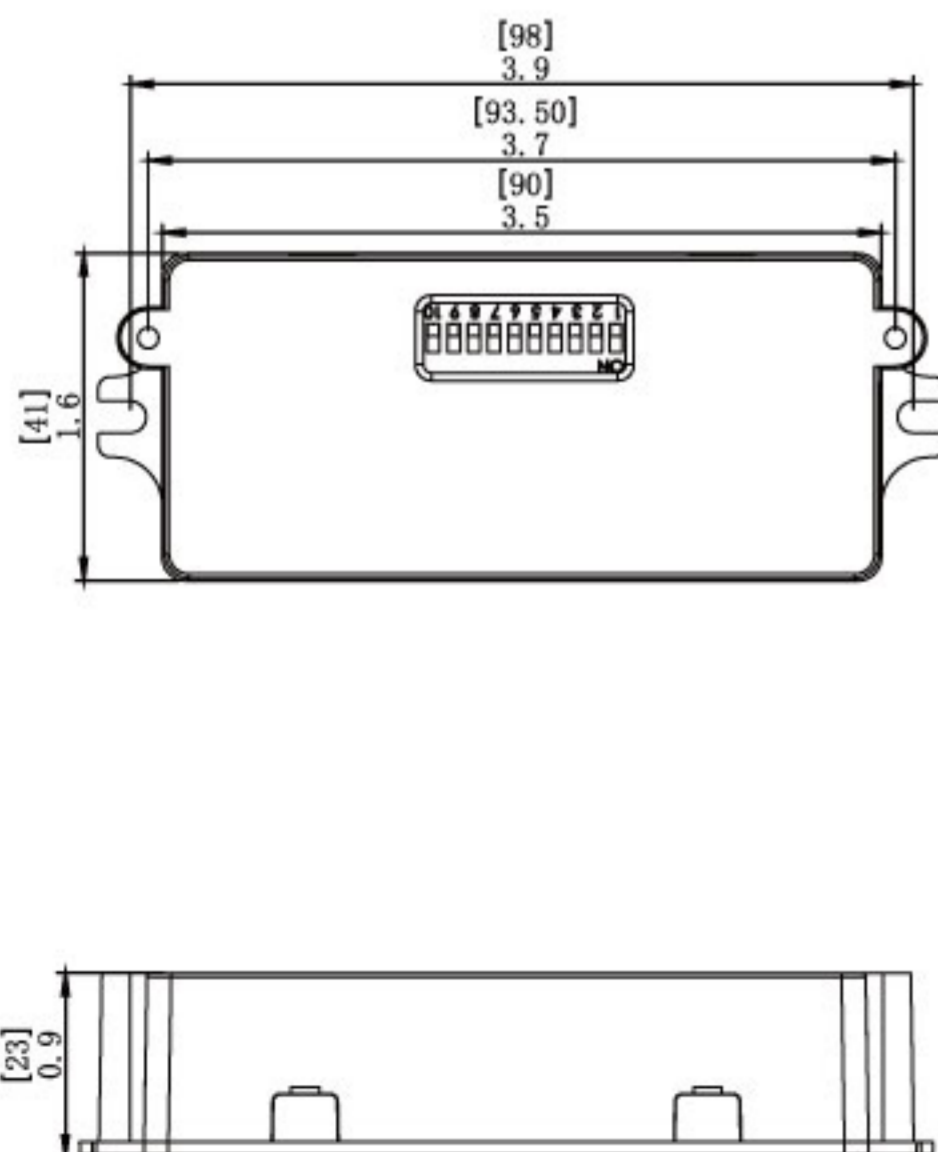
HIGHLIGHTS

- The high-frequency output of this sensor is <math><0.2\text{mW}</math>
- Moving object sensor that can detect range of 360°
- Working frequency is 5.8GHz
- Adopts a microwave sensor, so that it is safe and performs better than infrared sensor

SPECIFICATIONS

Model	SENSOR-MLTS
Voltage	120-277V AC
Maximum Load	Resistive/Tungsten - 600W@120V
HF System	5.8GHz CW
Dim Control Output	0-10V, max .25mA sinking current
Detection Radius/Angle	Max 26ft.(8m)/360°
Mounting Height	Max 20ft.
Humidity	Max 95% RH
Operating Temp.	-40°C~70°C

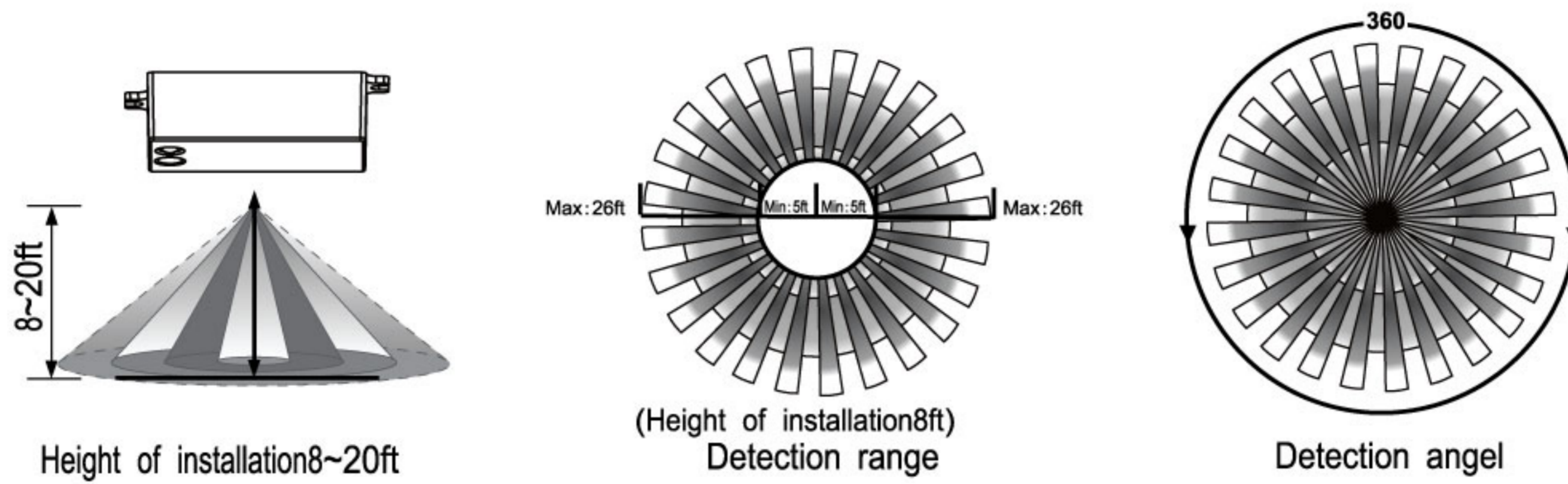
DIMENSIONS AND WIRING DIAGRAM



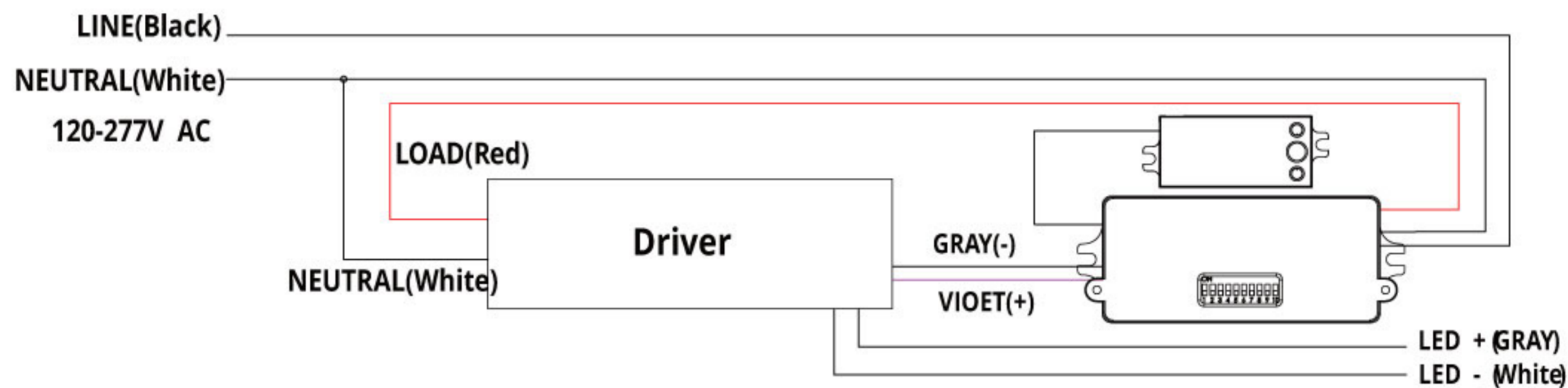
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SENSOR COVERAGE



WIRING DIAGRAM



COMPATIBILITY



OL-ST4-3CCT+W | OL-ST8-3CCT+W

FUNCTION AND OPTIONS

Daylight Harvesting Function

A control method based on the control of artificial light with available natural light. The purpose is to control the output of artificial light according to the change of natural light, while ensuring that the illumination of the target space does not change to maintain a certain illumination.

ON-OFF Function

Switch on the lamp on detection of movement, and switch off after a hold time when there is no motion detected. As built-in daylight sensor can read brightness value, the sensor does not switch on the lamp if with sufficient natural light.



The lamp will not switch on when natural light is sufficient, even there is motion detected.

The lamp will not switch on automatically with presence when natural light is insufficient.

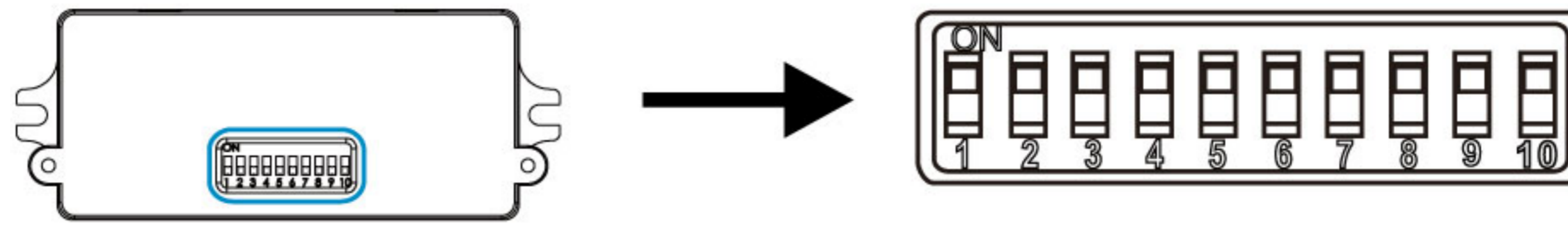
The lamp turns on at full or dims to maintain the lux level. The lamp output regulates according to the level of natural light available.

The lamp dims to stand-by period after hold-time and stays on selected minimum dimming level.

The lamp switches off completely after the stand-by period.

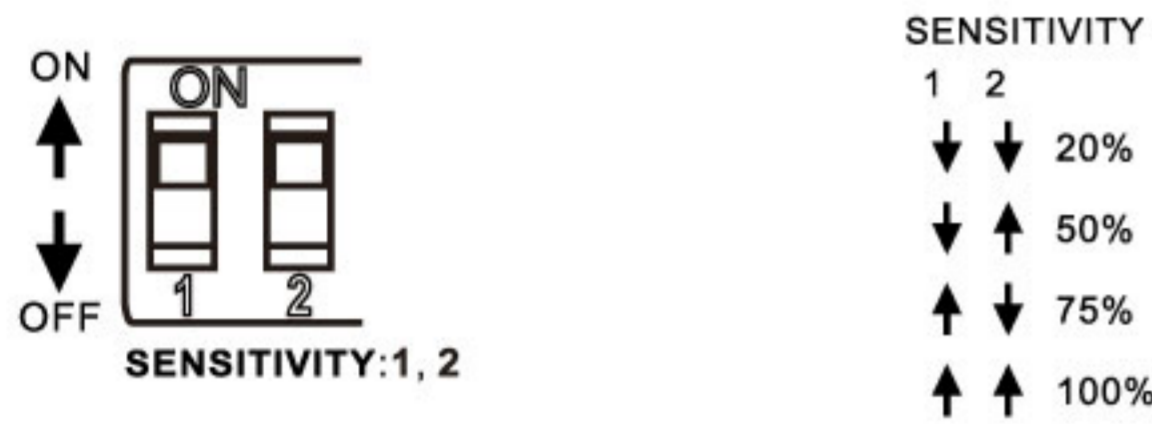
PARAMETER SETTING BY DIP SWITCH: Consider the picture: 1,2 set sensitivity; 3,4 set hold time; 5,6 set the lux; 7,8 stand-by light level; 9,10 set stand-by time.

SETTING UP THE DIP SWITCHES



Detection Range Setting (sensitivity)

Detection range can be reduced by selecting the combination on DIP switches to fir precisely each application.



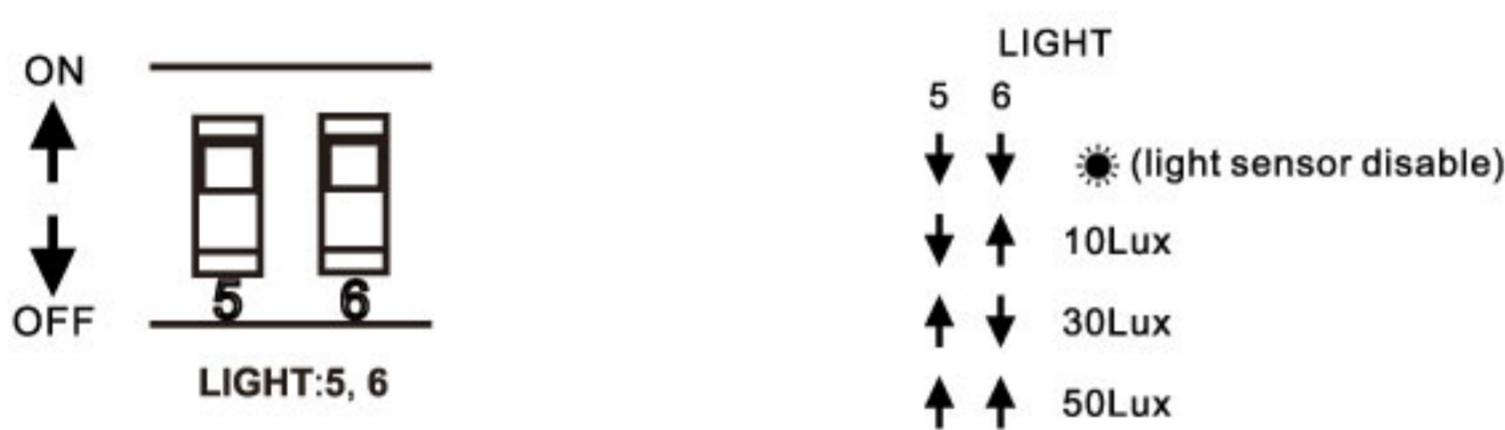
Hold Time Setting

The lamp can be set to stay On for any period of time between approx. 10 sec and a maximum of 15 min. Any movement detected before this time elapse will re-start the timer. It is recommended to select the shortest time for adjusting the detection zone and for performing the walk test.



Light-Control Setting

The chosen lamp response threshold an be infinitely from approx. 10-50lux, switch location and light-control of the corresponding table is as follows:



Stand-by Light Level Setting

The corresponding file of switch location and Stand-by Level as follow:



Stand-by Time Setting

File of switch location and stand-by time setting as follow:



Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

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