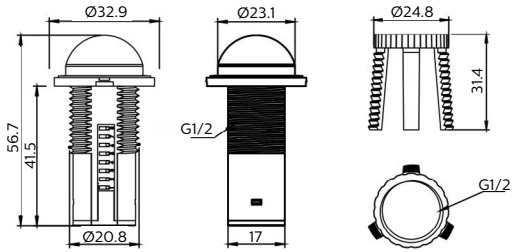
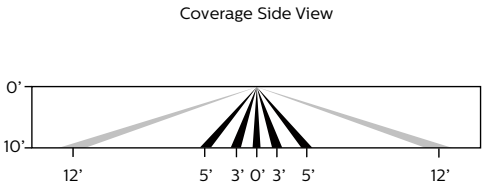
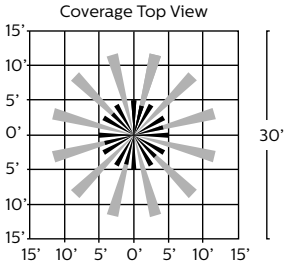
Sensor Dimensions (mm)



To view other product collaterals please scan the QR code.

Occupancy Sensing Coverage (ft)





Maximum mounting use 15ft.

Recommended mounting use 8 - 12 ft.

The detection area for movement sensor can be roughly divided into two parts:

- Minor movement (person moving ≤ 3.0'/s or 0.9m/s)
- Major movement (person moving ≥ 3.0'/s or 0.9m/s)

Wiring Diagram

The connection of the sensor to the LED driver is done with 4 wires 22AWG stranded and tinned with 24 inches.

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PHILIPS

Sensors

EasySense

SNS010C

Philips EasySense SNS010C

Datasheet and Quick Install Guide

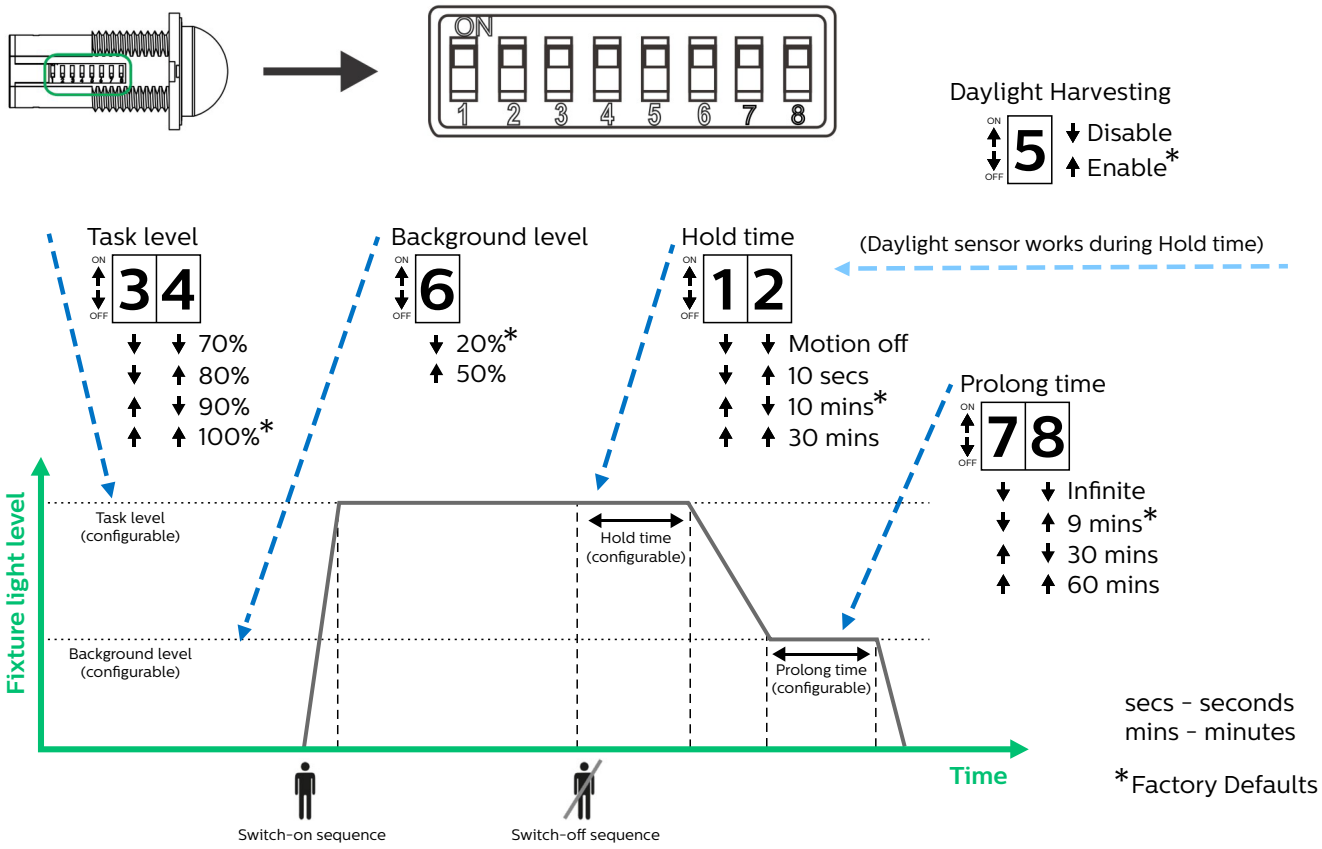
The Philips EasySense SNS010C is an infrared bi-level occupancy sensor with daylight harvesting capability. It is powered by the LED driver with Aux power supply (12-24VDC) and provides control via 0-10V dimming. Different combinations of lighting output and dimming profile can be configured using the eight dip-switches. It also supports automatic daylight calibration with a patent-pending routine using the electrical on-off switch for the light fixture.

Product Data

All specifications are typical and at 25°C Tcase unless otherwise specified.

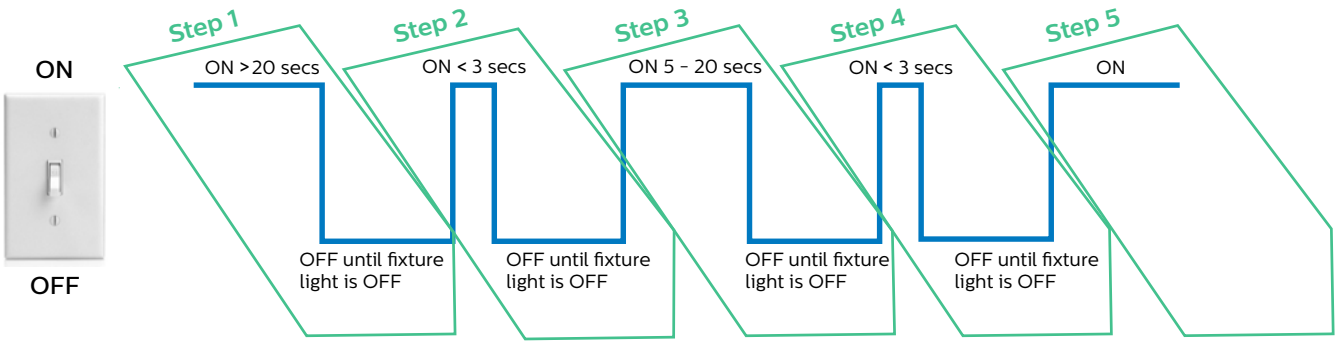
Ordering Information	
Order Codes	SNS010C, 12NC: 929001792613, 6NC: 525493
Full Product Name	EasySense SNS010C
Electrical Information	
Operating Voltage	10-28 VDC
Maximum Current Sink For 0-10V Control	10mA
Maximum Current Consumption From DC Power Supply	15mA
Sensing	
Mounting Height	15 feet maximum
Detection Angle	120 degree
LED status indicator	LED On: Occupancy detected
Environment and Approbation	
Operating Temperature	0°C to 55°C
Agency Approbations	UL, cUL
Warranty	5 years

Configurable Parameters (Dip-switches)



Daylight Calibration Routine

Step-by-step for the electrical mains on-off switching routine for daylight calibration in the field.
NOTE: The daylight calibration must be done when there is less or no sunlight in the area.



Step 1 – Light ON for more than 20 seconds, Light OFF;
Step 2 – Light ON for less than 3 seconds, Light OFF;
Step 3 – Light ON for more than 5 seconds but less than 20 seconds, Light OFF;
Step 4 – Light ON for less than 3 seconds, Light OFF;
Step 5 – Light ON.

At the end (step 5) and after ~3 seconds, the fixture light will blink three times to confirm the successful calibration of daylight sensing.

NOTE: If this confirmation blinks are not received, please restart the calibration process starting from Step 1.