DNS360LB-CS-PIR-ZGBBAT

Multifunction Sensor

Specification Sheet

Sensors > Low Bay



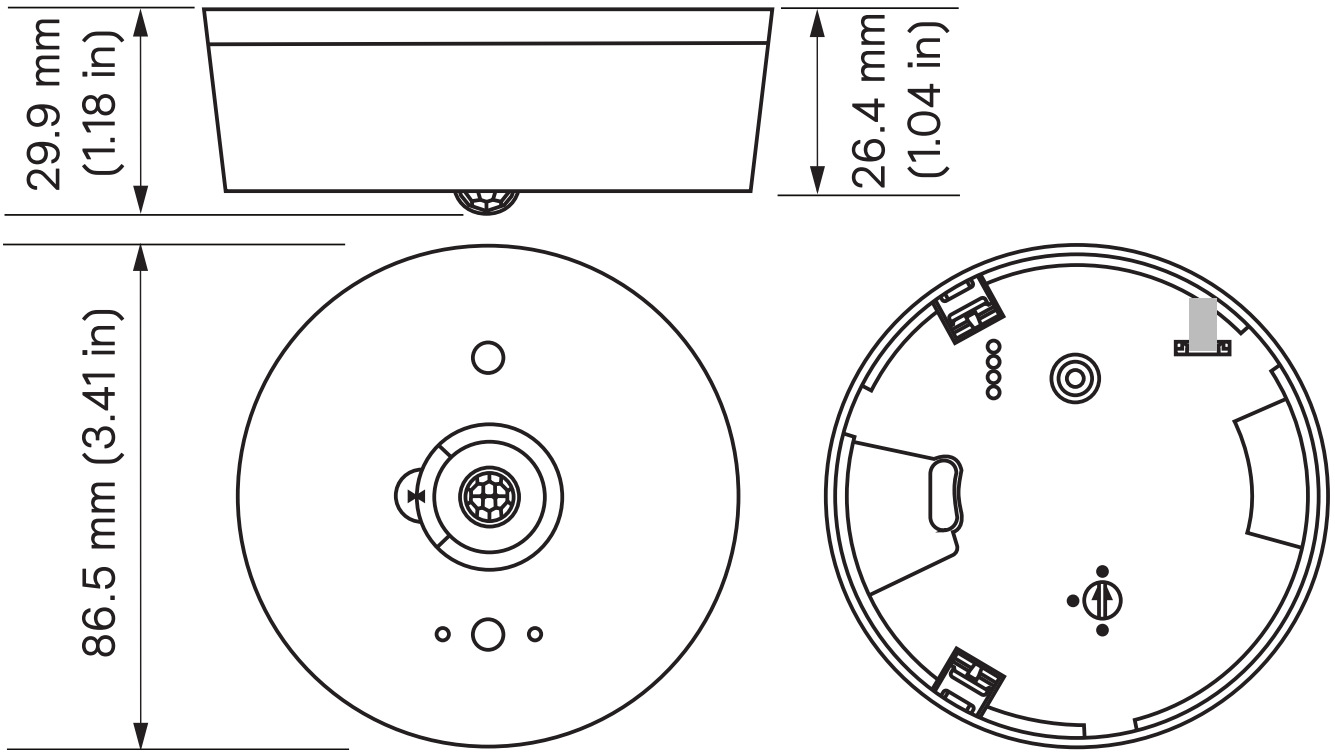
Battery-powered 360° ceiling sensor

The Dynalite DNS360LB-CS-PIR-ZGBBAT is a surface-mounted 360° PIR motion sensor. This battery-powered sensor is suitable for up to 4m heights and connects wirelessly to the Dynalite system via the PDZG-E Zigbee gateway.

Key Features

- **Motion detection feature** – Adjusts lighting in response the presence or absence of motion.
- **Adjustable sensitivity dial** – Set the degree of movement required to trigger an occupancy state.
- **Segmented click-up bezel** – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.
- **Wireless operation** – Connects seamlessly to the Dynalite system via 2.4GHz Zigbee mesh networking.
- **Battery powered** – Install anywhere with zero cabling required.

Dimensions



Specifications

Electrical

Battery Type	1 x 3.6V R6/AA Li-$SOCl_2$
Battery Life	Up to 8 years

Motion Detection (PIR)

Sensor	Passive infrared
NOTE:	PIR detection requires a temperature difference between the subject and background surfaces of at least 4°C (7.2°F)

Control

Supported Protocols	Zigbee
User Controls	1 x walk test mode button 1 x hardware reset switch 1 x motion sensitivity dial
Indicators	2 x LED (red, green)

Wireless Connectivity

Protocols	Zigbee
Frequency	2400-2483.5 MHz (IEEE 802.15.4)
Antenna Type	Internal
Range	15 m (49.2 ft) line of sight

Physical

Dimensions	29.9 x 86.5 mm (1.18 x 3.41 in)
Net Weight	90 g (0.2 lb)
Construction	Polycarbonate enclosure
Colour	White

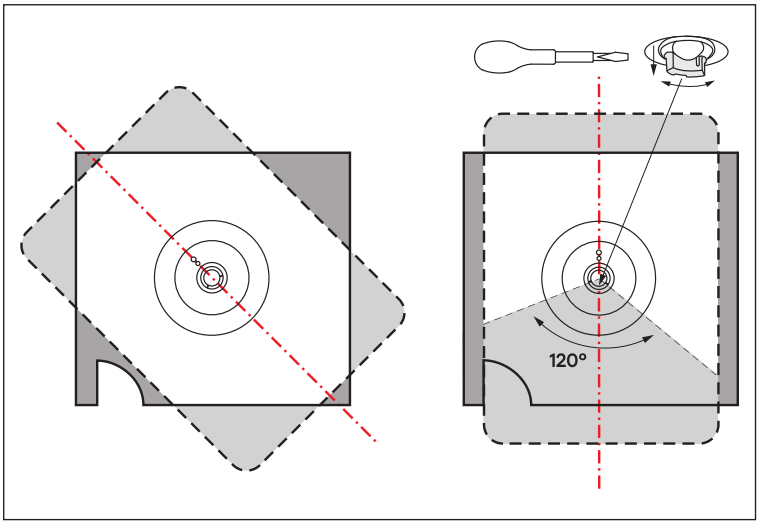
Environment

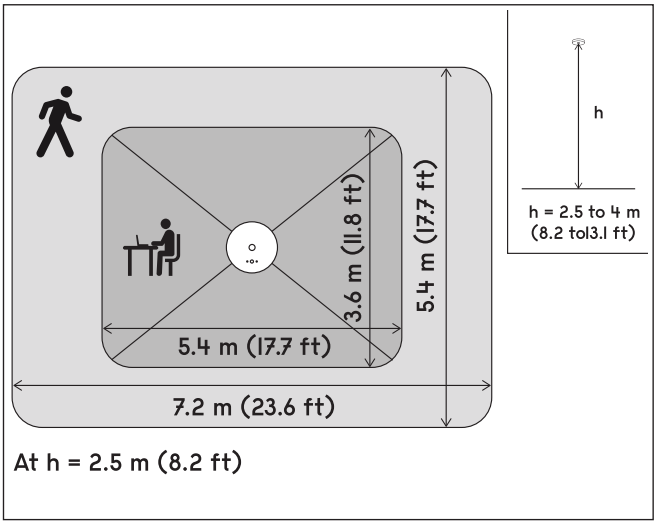
Operating Temperature	-5° to 45°C ambient (23° to 113°F)
Storage/Transport Temperature	-25° to 65°C ambient (-13° to 149°F)
Relative Humidity	0-95% non-condensing
Installation Note	For indoor installation only

Compliance

Certifications	CE, UKCA, UL, FCC, ISED
Sustainability	RoHS, REACH
IP Rating	IP40

Detection Area





Ordering Codes

Product	12NC
DNS360LB-CR-PIR-ZGBBAT	?????????????

Policies and Notices

Specific Data Notice

This Specific Data Notice applies to the sensors as specified in this product specification sheet (the **"Sensor"**) that is part of or works with a Professional System offered by Signify for use in the European Union and supplements and/or corrects the Generic Data Notice For Professional Systems and Services that can be found at https://www.signify.com/global/resources/policies-announcements (the **"Generic Data Notice"**) by providing additional and/or more specific details specific to this Sensor.

Terms starting with a capital in this Specific Data Notice will have the meaning as attributed thereto in the Generic Data Notice, unless explicitly defined otherwise in this document.

When used in a Signify professional lighting system in combination with a Dynalite Gateway with either the Dynalite Switch App, Dynalite System Builder, Dynalite System Manager, or Dynalite Cloud, the Sensor can generate the Data as specified below (The type and volume and format of Product Data that is generated depends on the product and/or software configuration and subscription to the relevant software service):

- Operational Data: Lighting control commands based on sensor events as configured in this sensor via the RS-485 DyNet network.
- Sensor Data: occupancy state for the last minute as per Zigbee wireless communication protocol.

The Data generated in this combination is communicated via the network to the gateway and is stored on the gateway. If configured to do so, the gateway can forward the Data to Dynalite Cloud or to Dynalite System Manager. For applicable retention period and means of access to Data that is Readily Available Data, please refer to the Dynalite Cloud software specification sheet. Data cannot be accessed directly from the Sensor (In typical use, once the connected product has been commissioned, data generated on the device is not directly accessible). Data can be accessed from the Gateway using Dynalite System Builder or directly from any of the APIs of the Gateway. The Gateway will persist the Data for 28 days on a rolling basis.

This Specific Data Notice may be changed by Signify from time to time. The current version of this notice will apply and can be obtained at request via the point of contact as indicated in paragraph 7 of the Generic Data Notice.

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