

PHILIPS

dynalite 

Sensors



DUS360CS-DALI

Multifunction Sensor

Surface mount 360° ceiling sensor

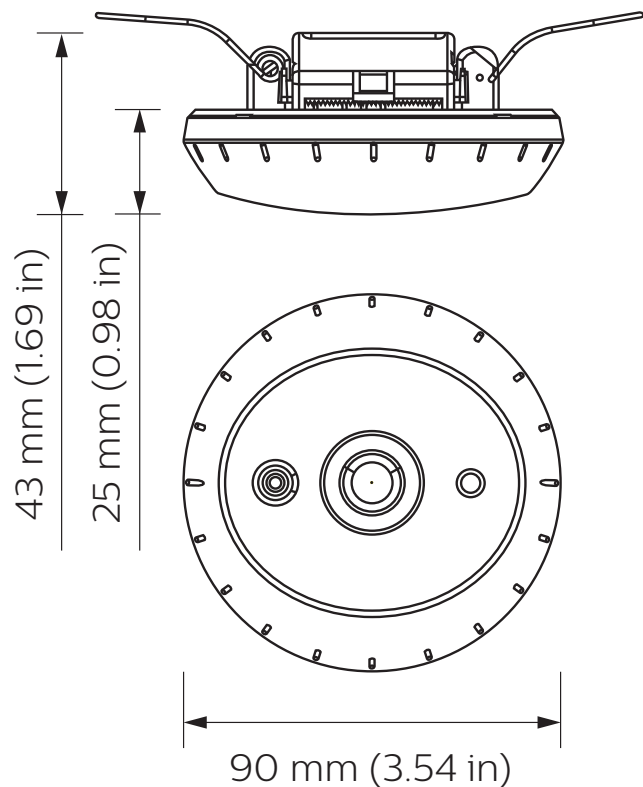
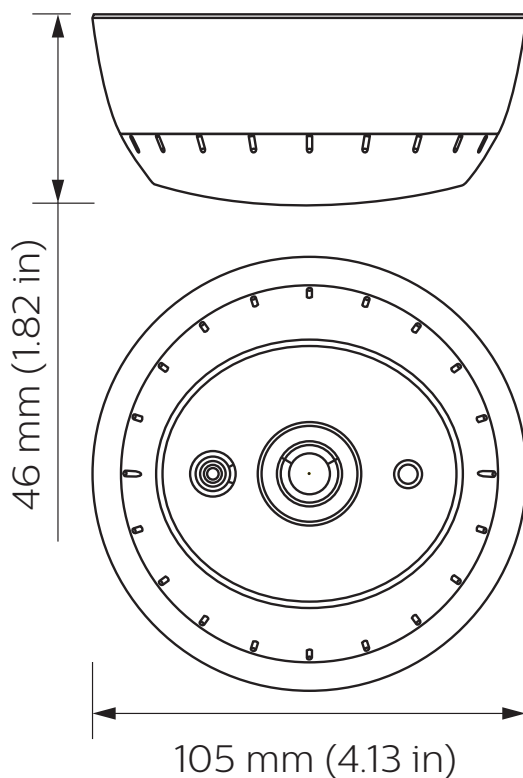
The Philips Dynalite DUS360CS-DALI is a surface mountable 360 degree multifunction sensor that combines motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as hotels, restaurants and homes.

DUS360CS-DALI

Surface mount 360° ceiling sensor

- **DALI MultiMaster device** – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI controller.
- **Powered directly by the DALI network** – Eliminates the need for additional network field wiring.
- **Motion detection feature** – Detects the presence or absence of motion and adjusts lights accordingly.
- **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.
- **Ambient light level regulation** – In applications where it is critical to maintain precise light levels, the PE function reads ambient levels and adjusts artificial light accordingly.
- **Multiple mounting options** – Can be partially recessed or surface-mounted using the supplied butterfly clips or junction box.
- **Daylight harvesting mode** – Delivers automatic energy savings.
- **Infrared receive capability** – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receiver.
- **Corridor hold** – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Dimensions



Specifications

Due to continuous improvements and innovations, specifications may change without notice.



DUS360CS-DALI
Multifunction Sensor

Electrical

Supply Type	DALI / ELV
Supply Voltage	9.5-22.5 VDC
Supply Current	9 mA
DALI Insulation	Basic
IEC Overvoltage Category	III

Motion Detection (PIR)

Sensor	Quad element pyroelectric
Maximum Detection Range	5 m (16.4 ft)*
Detection Area	See next page

Light Detection (PE)

Lux Range	5-5000 lux
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Control

Serial Ports	1 x DALI
User Input	Infrared (RC5 IR remote control) 1 x service switch
Indicators	1 x red motion LED

Physical

Dimensions (H x W)	46 x 105 mm (1.82 x 4.13 in)
Packed Weight	0.166 kg (0.37 lb)
Construction	Polycarbonate plastic enclosure
Color	Off-white
Serial Ports	2 x screw terminal
Screw Terminal Conductor Size	2.5 mm ² (#12 AWG) (max) Or 2 x 1 mm ² (#16 AWG) (max)
Mounting Substrate Thickness	3-25 mm (0.12-0.98 in)

Environment

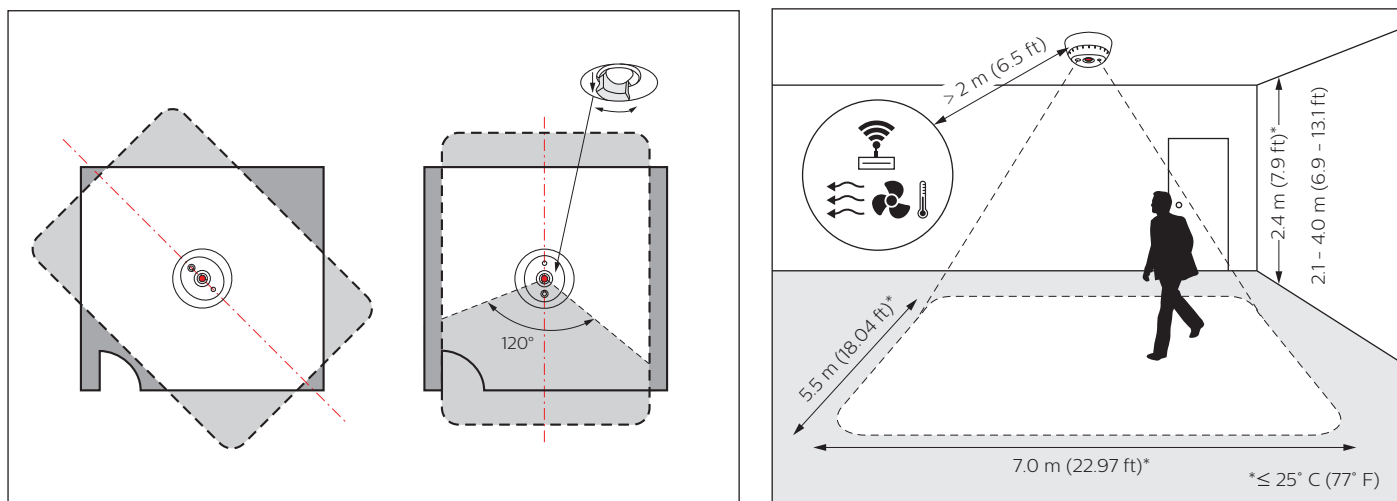
Operating Temperature	0° to 45°C ambient (32° to 113°F)
Storage/Transport Temperature	-25° to 70°C ambient (-13° to 158°F)
Humidity	0 to 90% non-condensing
IEC Pollution Degree	II

Compliance

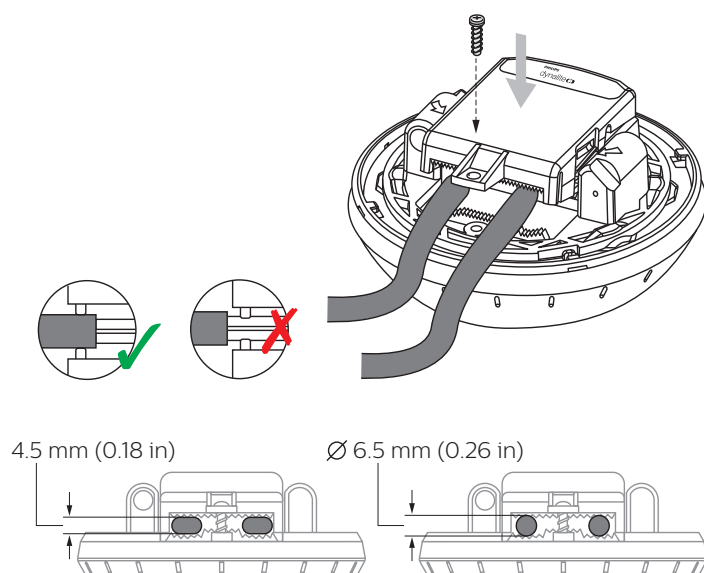
Certification	CE, RCM, UL/cUL, FCC, ICES, RoHS
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* Typical detection range at ≤ 25°C (77°F). Range is reduced at higher temperatures.

Detection Area



Cable Diameter



Ordering Code

Product	Philips 12NC
DUS360CS-DALI	913703023909
Accessories	Philips 12NC
IRT9090/01 (commissioning & testing RC5 IR remote control)	913700359103
IRT9010/00 (user-friendly RC5 IR remote control)	913700392403



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