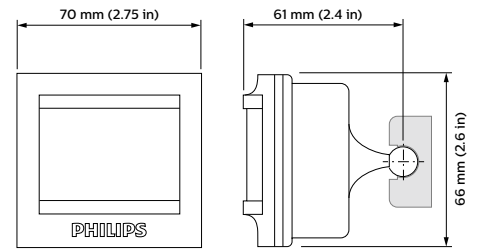




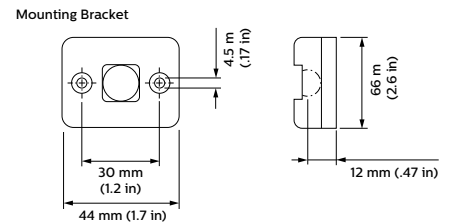
DUS90-WHB-DALI Multifunction Sensor

Wide angle DALI network sensor

The DUS90-WHB-DALI is a multifunction sensor that combines motion detection (PIR) and ambient light level detection (PE) in one device. The sensor uses the DALI protocol for power and communications to a network control system, eliminating the need for additional network field wiring. This is a wide angle, general purpose sensor.



- MultiMaster compatible — Fully compatible with a Philips Dynalite DALI MultiMaster controller, such as the DDBC120-DALI.
- Motion detection feature — Detects the presence or absence of motion and triggers a programmed action.
- Ambient light level detection — In applications where it is critical to maintain precise lighting levels, the PE function reads ambient levels and adjusts artificial light accordingly.
- Daylight harvesting — When used in conjunction with networked open loop day lighting sensor.
- Infrared receive capability — Enables sign-in identification to the networked system.
- Additional networking advantages — Including reporting and monitoring software tools.
- Targeted positioning — Directional wall-mounting block allows sensors to be easily mounted and directed to the required area.



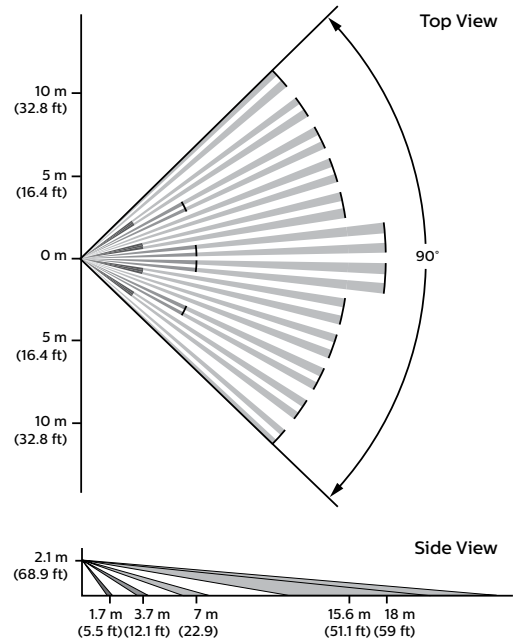
For detailed product information, please refer to the product information pages at www.philips.com/dynalite and follow the links.

Specifications

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

Item	Specification	Details
Sensor	Motion Detector	Standard Sensitivity Maximum detection range: 18m Detection pattern: 15m x 15m Detection zones: 90° wide angle lens with 22 beams in 4 detection layer. LED activation indicator Sensor: Dual element pyroelectric
	PE Cell	Range 5 lux to 10,000 lux (incident on sensor) Range 5 lux to 10,000 lux (illumination of non-reflective surface in sensor field of view)
	IR Receiver	Philips RC5 codes Network sign-on functionality only 12 m max range
Interface	Controls	Walk test, IR received, LED indicator, and service pushbutton
Network	Connection	30 cm fly lead
	DALI Power Consumption	9 mA
	DALI Supply Requirements	9.5 - 22.5VDC
	Control Bus	DALI bus with a Philips Dynalite MultiMaster controller
	Configurations	All functions remotely programmable
Physical	Dimensions (H x W x D)	66 mm x 70 mm x 61 mm (2.6" x 2.75" x 2.4")
	Packed Weight	0.116 kg (0.26 lbs)
	Construction	Polycarbonate White (RAL 9010)
	Operating Conditions	Temperature: -5 to 50°C ambient Humidity: 10 to 90% non-condensing
	Storage & Transport	Temperature: -25 to 60°C ambient Humidity: 0 to 90% non-condensing
Certification	Certification	CE, C-Tick
Options & Ordering	Standard Product	DUS90-WHB - DALI (Philips 12NC - 913703015509)

Lens Pattern



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