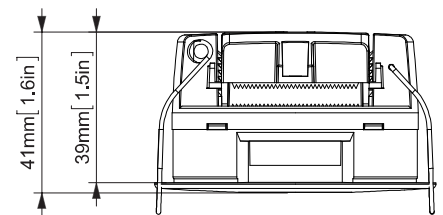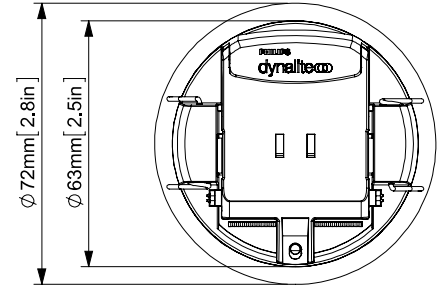# DUS360CR-DALI Multifunction Sensor
Low profile 360° ceiling sensor powered by the DALI network

The DUS360CR-DALI is a recess mountable 360° multifunction sensor that combines motion detection (PIR), Infrared remote control reception (IR) and ambient light level detection (PE) into one device. The DUS360CR-DALI is powered and communicates with the network control system via a DALI bus.

- 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.

- 120° PIR Shield — 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 detection and daylight harvesting — In applications where it is critical to maintain precise light, the PE function reads ambient levels and adjusts artificial light accordingly.

- Infrared receive capability — Manually adjust light levels using a hand-held remote control, via the inbuilt IR receive sensor of the DUS360CR.

- Daylight Harvesting mode — Delivers automatic energy savings.

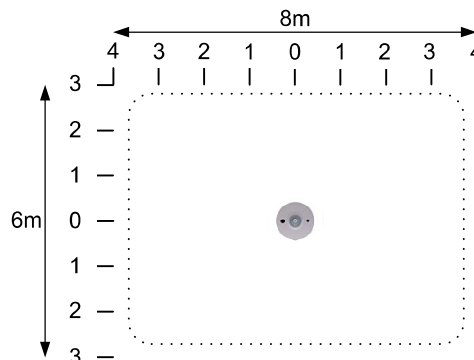- Suitable for plenum use — UL approved for installation in air-handling plenum spaces..

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

PHILIPS

dynalite

Specifications

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

Item	Specification	Details
Hardware	Motion Detector	Standard sensitivity Maximum detection range: 5 m Detection area*: 7.4 m x 5.6 m rectangular (at a height of 2.4 m) Detection speed: 1.0 m/s Detection object: 700 mm x 250 mm Detection zones: 64 Red LED activation indicator Sensor: Quad element pyroelectric * Detection area may be reduced in ambient temperatures > 30° C (86° F)
	PE Cell	Range <5 lux to >5000 lux Automatic 'Daylight Harvesting' mode
	Controls	Infrared receiver (supports RC5 IR remote control) Service switch Red LED indicator
	Terminals	2 way terminal strip, loop in, loop out 1 x 5 mm² max conductor size
	Control Bus	DALI bus with a Philips Dynalite MultiMaster controller
	DALI Power Consumption	9 mA (total 10 user interfaces on one DALI universe)
Network	Configuration	All functions remotely programmable
Physical	Dimensions	72 mm dia. x 41 mm (2.8 in dia. x 1.6 in)
	Packed Weight	105 g (0.23 lb)
	Construction	Polycarbonate plastic enclosure Color: off-white
	Operating Conditions	Temperature: 0 to 45° C (32 to 104° F) ambient Humidity: 0 to 90% non-condensing
	Storage & Transport	Temperature: -25 to 70° C (-13 to 158° F) ambient Humidity: 0 to 90% non-condensing
	Mounting Substrate Thickness	3 - 25 mm (0.12 - 1 in)
Certification	Certification	cULus, CE, RCM, FCC, RoHS, ICES-003
Options & Ordering	Standard Product	DUS360CR-DALI (Philips 12NC: 913703500909)

Lens Pattern