

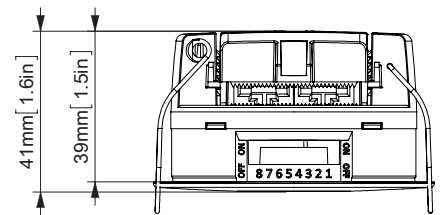
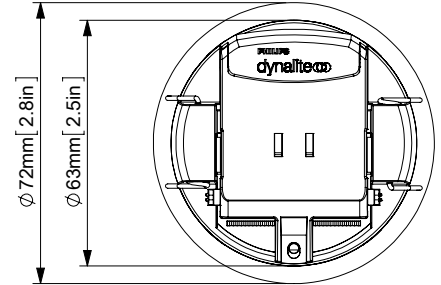


# DUS360CR Multifunction Sensor

## Low profile 360° ceiling sensor

The DUS360CR is a recess 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 offices, lecture theaters and homes.

- 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 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..



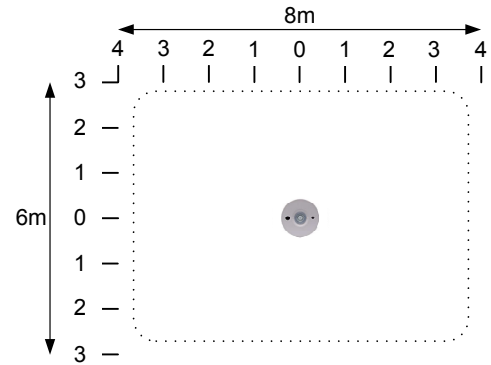
For detailed product information, please refer to the product information pages at [www.philips.com/dynamalite](http://www.philips.com/dynamalite) and follow the links.

## 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
	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	5 way terminal strip, 1 x 2.5 mm <sup>2</sup> max conductor size
Network	Control Inputs/Outputs	One RS-485 DyNet serial port Optional dual-socket RJ12 or RJ45 cable termination accessory (See Options & Ordering below)  DUS360CR-DA ONLY: DIP switch logical area assignment
	DyNet Network Supply	12-24 VDC, 20 mA max
	Configurations	All functions remotely programmable
Physical	Dimensions	72 mm dia. x 41 mm (2.8" dia. x 1.6")
	Packed Weight	105 g (0.23 lb)
	Construction	Polycarbonate plastic enclosure Color: off-white
	Operating Conditions	Temperature: 0 to 45° C ambient Humidity: 0 to 90% non-condensing
	Storage & Transport	Temperature: -25 to 70° C ambient Humidity: 0 to 90% non-condensing
	Mounting Substrate Thickness	3 - 25mm (0.12 - 1")
Certification	Certification	cULus, CE, RCM, FCC, ICES-003
Options & Ordering	Standard Product	DUS360CR (Philips I2NC: 913703500709)
	DIP Switch	DUS360CR-DA (Philips I2NC: 913703500809)
	Cable Termination Accessory (pack of 10)	DINGUS-DUS-RJ12-DUAL (Philips I2NC: 913703064309) DINGUS-DUS-RJ45-DUAL (Philips I2NC: 913703064409)

## Lens Pattern



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