

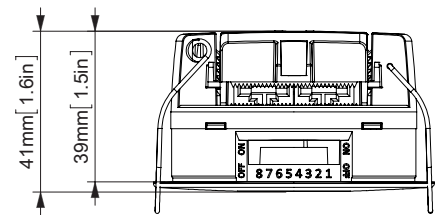
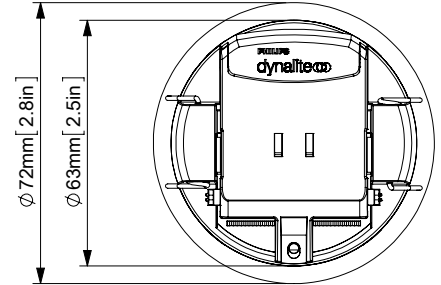


DUS360CR Multifunction Sensor

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..



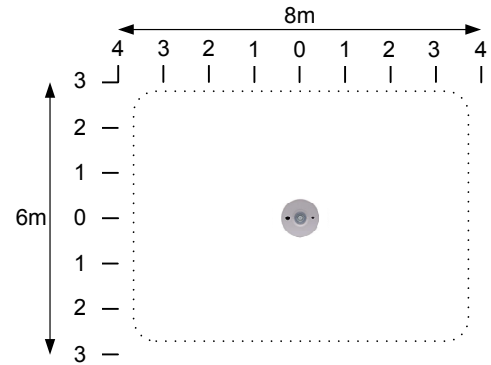
For detailed product information, please refer to the product information pages at www.philips.com/dynamalite and follow the links.

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 ² 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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