

## freeDim Sense (3034004)

The freeDim Sense is a small luminaire-based sensor that combines a photocell for daylight harvesting control, a passive infrared presence detector and a switch.

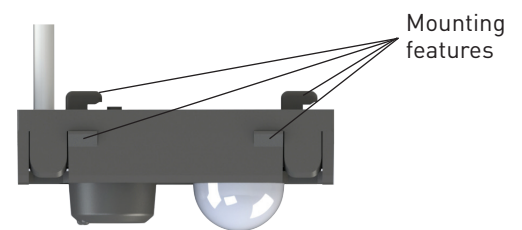
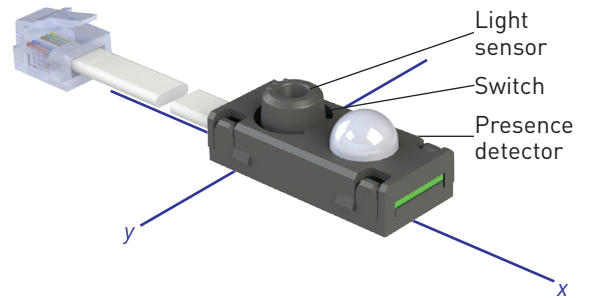
This standalone sensor is part of Helvar's freeDim lighting solution, which provides personalised lighting control via mobile devices.

The freeDim Sense is attached to a flexible connection cable terminated with a six-way modular connector. This plugs into a freeDim Master only. The cable can exit the sensor either in line with the enclosure (side exit) or perpendicular to it (bottom exit).

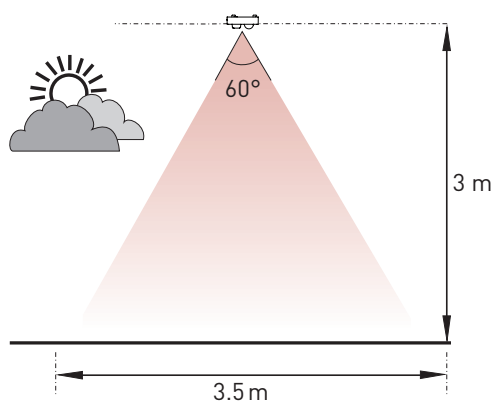
A short press of the switch resets the personal area network. Pressing the switch for 10 seconds performs a factory reset.

### Key Features

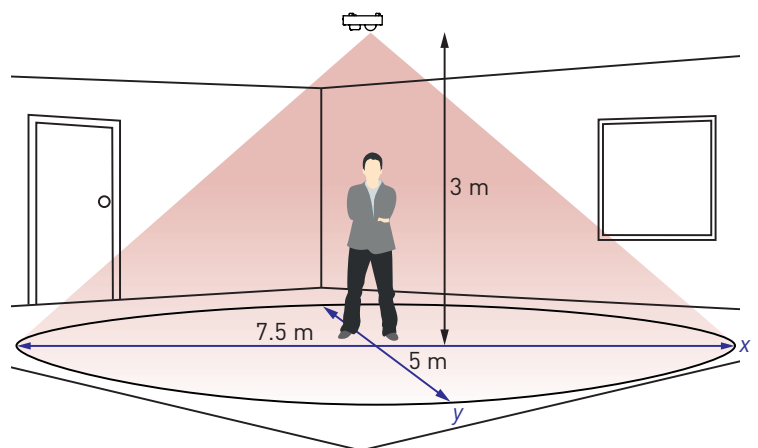
- Small and inconspicuous, it does not change the appearance of the luminaire.
- Provided with mounting features that can be snapped into sheet metal: two on each long side, and two on the rear.
- Provides daylight harvesting and presence detection to the freeDim lighting system.



### Daylight-Harvesting Sensor Coverage



### Presence Detector Coverage



## Technical Data

### Connections

freeDim: 80 cm flexible cable terminated with a six-way modular plug.

### Mechanical data

Dimensions: 32.4 mm × 15.5 mm × 14.5 mm

Material (casing): Fire-retardant polycarbonate

Colour: Grey (RAL 9006)

IP code: IP30

Weight: 22 g

### Operating conditions

Ambient temperature: 0 °C to +50 °C  
*Note: The temperature difference between the detection target and the background must be at least 4°C.*

Relative humidity: Max. 90 %, noncondensing

Storage temperature: -40 °C to +80 °C

Illuminance: 5 lx to 5000 lx

### Conformity and standards

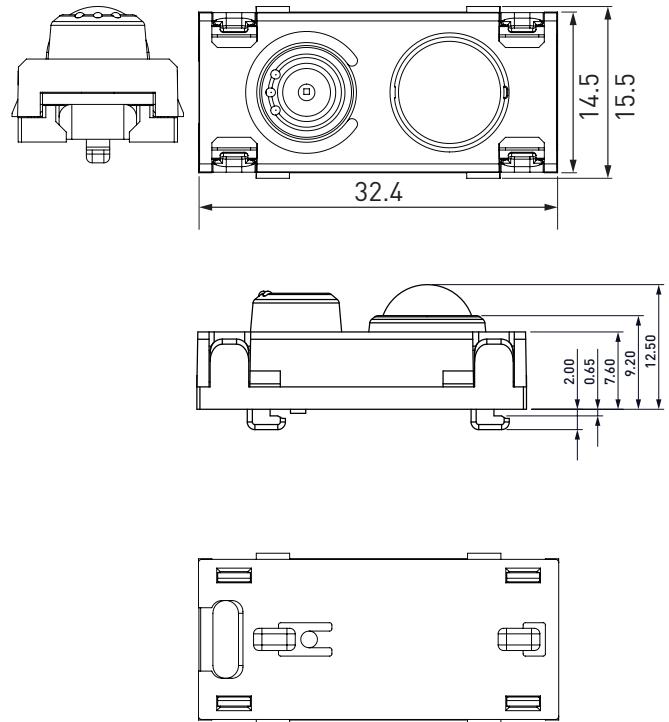
EMC Emission: EN 55015

EMC Immunity: EN 61547

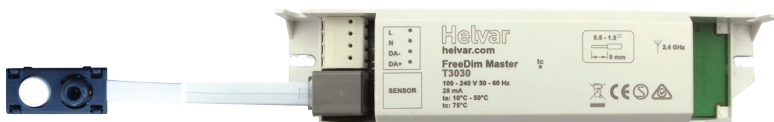
Safety: EN 61347-2-11

Environment: Complies with RoHS directive.

### Dimensions (mm)



## Connection



## Mounting

