

# Hallway

V3.5 KNX - concealed black  
EAN 4007841 086480  
Article number 086480



high frequency sensor  
360°



max. 25 x 3 m



ideal 1 - 2,5 m



connectable via bluetooth



Settings via App



temperature



air humidity



KNX

## Function description

The cleverer hallway sensor knows more. Perfect radial detection up to 25 m – ideal for long corridors and hallways. Reach can be adjusted in both directions. Contemporary Control PRO II design. Featuring Bluetooth technology. Interfaces for COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX, IP and BT IPD (Slave). Light measurement is not possible with the black sensors. An external light meter must be integrated via Bluetooth or KNX for this purpose.

## Technical specifications

|                            |                           |
|----------------------------|---------------------------|
| Dimensions (L x W x H)     | 67 x 103 x 103 mm         |
| With motion detector       | Yes                       |
| Manufacturer's Warranty    | 5 years                   |
| Settings via               | Bluetooth Mesh            |
| With remote control        | No                        |
| Version                    | KNX - concealed black     |
| PU1, EAN                   | 4007841086480             |
| Type                       | Presence detector         |
| Application, place         | Indoors                   |
| Application, room          | Indoors, corridor / aisle |
| Colour                     | black                     |
| Colour, RAL                | 9005                      |
| Includes corner wall mount | No                        |
| Installation site          | ceiling                   |
| Installation               | Concealed wiring          |
| IP-rating                  | IP20                      |
| Ambient temperature        | from -25 up to 50 °C      |

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| HF-system                                     | 5,8 GHz                                 |
| Detection                                     | also through glass, wood and stud walls |
| Detection angle                               | 360 °, Aisle                            |
| Angle of aperture                             | 160 °                                   |
| Sneak-by guard                                | Yes                                     |
| Capability of masking out individual segments | No                                      |
| Electronic scalability                        | Yes                                     |
| Mechanical scalability                        | No                                      |
| Reach, radial                                 | 25 x 3 m (75 m <sup>2</sup> )           |
| Reach, tangential                             | 25 x 3 m (75 m <sup>2</sup> )           |
| Transmitter power                             | < 1 mW                                  |
| Twilight setting                              | 2 – 2000 lx                             |
| Time setting                                  | 0 s – 1092 Min.                         |
| Basic light level function                    | Yes                                     |
| Main light adjustable                         | Yes                                     |
| Twilight setting TEACH                        | Yes                                     |

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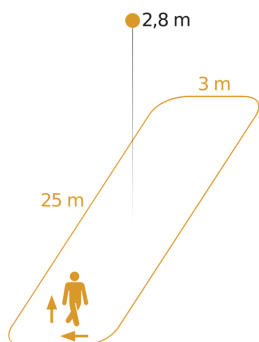


## Technical specifications

|                         |                              |
|-------------------------|------------------------------|
| Material                | Plastic                      |
| With bus coupling       | Yes                          |
| Technology, sensors     | High frequency, Light sensor |
| Mounting height         | 2 – 4 m                      |
| Mounting height max.    | 4,00 m                       |
| Optimum mounting height | 2,8 m                        |

|                     |                   |
|---------------------|-------------------|
| Interconnection     | Yes               |
| Interconnection via | Bluetooth Mesh    |
| Rated current       | 30 mA             |
| KNX Medium          | TP 256            |
| KNX Secure          | No                |
| Product category    | Presence detector |

## Detection Zone



Possible mounting height: 2,00 m – 4,00 m  
Orange: radial and tangential

## Dimension Drawing

