# TECTA D280i WH

## Item no.: 1010110

### Presence and motion detectors
### Wall installation outdoor

## Description

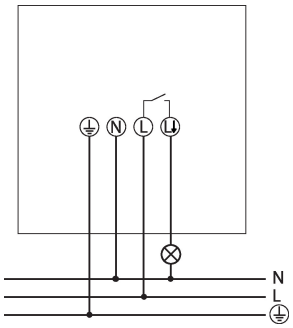
- Passive infra-red motion detector for wall installation
- 180° detection angle, Ø 24 m
- Detection area digitally adjustable via app, no mechanical adjustment necessary
- Mode selection: Automatic / permanent light / D-MODE
- Can be linked in groups
- Adjustable brightness switching value and switch-off delay
- Area limit via lens attachment
- Mixed light measurement suitable for the control of fluorescent, incandescent, halogen lamps and LEDs
- Zero-cross switching for relay-saving switching and high lamp loads
- Test function for checking detection area
- Installation on flush-mounted socket possible (60 mm)
- Single-handed plug-in installation
- Instant start-up possible via factory preset

## Technical data

| | TECTA D280i WH |
|---|---|
| Operating voltage | 230 V AC |
| Frequency | 50 Hz |
| Stand-by consumption | <0,4 W |
| Light measurement | Mixed light measurement |
| Number of channels | 1 |
| Colour | White |
| Switching output | Light |
| Installation type | Wall installation, Outdoor |
| Setting range brightness | 2 lx - 1000 lx |
| Switching capacity | 10 A at 230 V AC, cos φ = 1 |
| Light switch-off delay | 5 s - 30 min |

| | TECTA D280i WH |
|---|---|
| Incandescent/halogen lamp load | 2300 W |
| Energy saving lamps | 150 W |
| LED lamp 2-8 W | 600 W |
| LED lamp > 8 W | 600 W |
| Lamp types | Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs |
| Ambient temperature | -25°C ... 55°C |
| Protection class | II |
| Type of protection | IP 55 |

## Connection example



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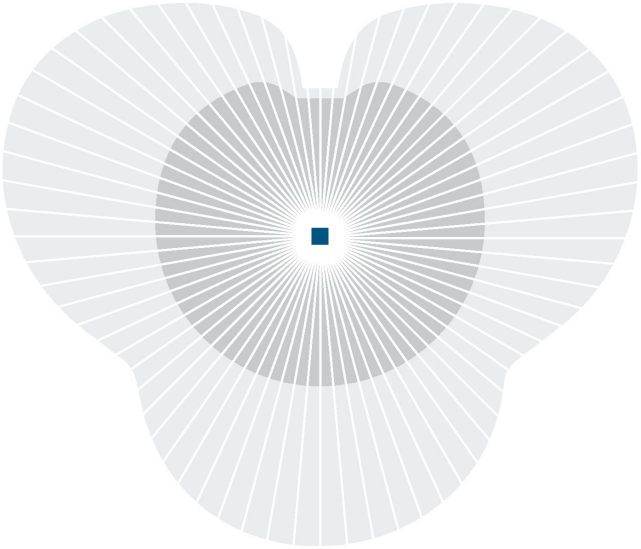
## Detection range for planning applications at a temperature of 21 °C

| Mounting height | Diagonally (t) | Head on to (r) | |
|---|---|---|---|
| 2,5 m | 12 m | 5 m | |
| 3 m | 16 m | 6 m | |
| 3,5 m | 16 m | 6 m | |
| 4 m | 18 m | 7 m | |
| 4,5 m | 20 m | 7 m | |
| 5 m | 22 m | 7 m | |
| 6 m | 25 m | 10 m | |



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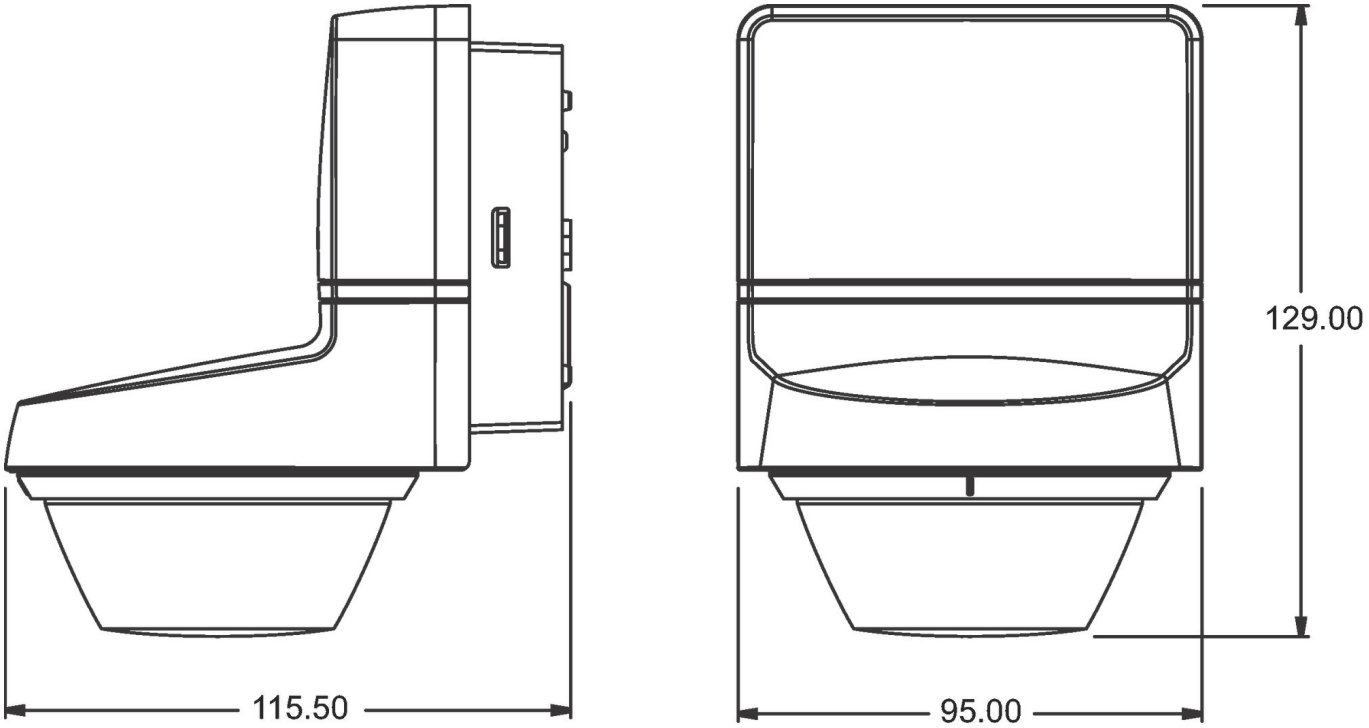
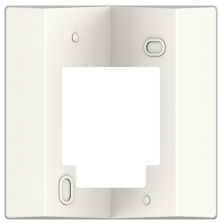
## Scale drawings




## Accessories

**Corner angle 10 WH**
Item no.: 9070969



**Spacer 10 WH**
Item no.: 9070971