

Detector 360°, 24 m, with 3 zone DALI daylight control and extra functionalities, master or stand-alone, for flush mounting, (white)

350-41750

4 year warranty

This presence detector (DALI daylight control, master) is designed for flush-mounting in ceilings of 2 -3.4 m. Standalone or as master combinable with a maximum of 10 secondary detectors (350-41752 or also 350-41753, 350-41762 and 350-41763). All-in-one detector installed in a quick and flexible manner thanks to the addressable DALI bus. Manual control per zone via push button. For use in offices, schools, government buildings... in large and small spaces. The detector has 2 or 3 daylight controlled zones and 1 or 2 secondary zones with on/off or dimming functionality. The detector is equipped with a potential-free relay contact for control of either light, HVAC or cut-off of voltage to the DALI luminaires.

There are four optional applications:

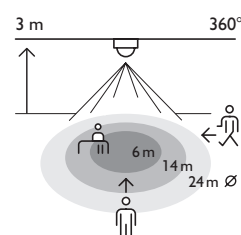
- mode 1: daylight control in 2 or 3 zones (DALI), 1 or 2 secondary zones (DALI) and the built-in relay contact is used for the switching of HVAC.
- mode 2: daylight control in 2 or 3 zones (DALI) and a 4th zone to switch the lighting on or off via the built-in relay contact.
- mode 3: daylight control in 2 or 3 zones (DALI), 1 or 2 secondary zones (DALI) and the built-in relay contact is used for the switching off of the 230V power supply of the control gear (minimum stand-by power consumption).
- mode 4: daylight control in up to 3 zones for corridors with day/night mode and relay output for HVAC.

The detector is programmed using the (optional) remote control 350-41934.

Finishing colour: white



Detection range



| 2 m | 4 m | 10 m | 16 m |
|-------|-----|------|------|
| 2,5 m | 5 m | 12 m | 20 m |
| 3 m | 6 m | 14 m | 24 m |



DALI



360 °



ø 24 m from
a height of
3 m



2 - 3.4 m



flush-
mounting

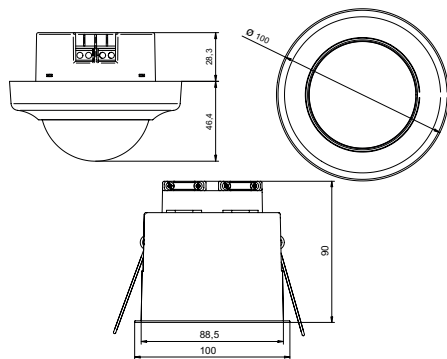
Technical data

| | |
|--|---|
| Article number | 350-41750 |
| Input voltage | 230 Vac \pm 10 %, 50 Hz |
| Detector output | DALI |
| Relay contact | NO (max. μ 10 A) |
| Maximum load incandescent and halogen lamps ($\cos\phi=1$) | 2300 W |
| Maximum load economy lamps (CFLi) | 350 W |
| Maximum load LED lamps 230 V | 350 W |
| Maximum load LED driver | 500 VA |
| Maximum load electronic transformer | 500 VA |
| Maximum capacitive load | 140 μ F |
| Maximum switching current | 165 A/20 ms – 800 A/200 μ s |
| Light intensity range | 100 lux – 2000 lux |
| Detection angle | 360 ° |
| Detection range (PIR) | \varnothing 24 m from a height of 3 m |
| Ambient temperature | -5 – +50 °C |
| Mounting method | flush-mounting |
| Mounting height | 2 – 3.4 m |
| Drill diameter | 88.5 mm |
| Colour | white (RAL 9010) |
| Dimensions visible (HxWxD) | 46.4 mm |
| Dimensions (HxWxD) | 100 x 100 x 136.4 mm |
| Wire capacity | 1 x 2.5 mm ² |
| Protection degree | IP54 |
| Marking | CE |

Accessories

| | |
|-----------|---|
| 350-41936 | Universal remote control for smartphone |
| 350-41934 | IR-remote control for users |
| 350-41935 | IR remote control for users |

Dimensions



Wiring diagram

