

# Presence detector, DALI, master, 12 m, with potential-free contact, flat, for flush mounting, white

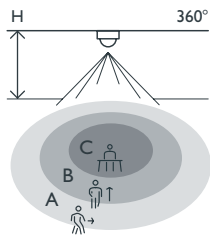
350-41650

4 year warranty

Presence detector, DALI daylight control for flush-mounting in ceilings of 2.4 – 3 m. Standalone or as master combinable with a maximum of 10 secondary detectors. For use in offices, schools and public buildings and in both large and small rooms. The detector has a maximum of 3 daylight controlled zones, and an extra contact which can be used. It has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. Depending on the chosen application the lighting must always be switched on manually using a push button, and is automatically switched off if there is sufficient daylight or no one is in the room (absence detector). Or the lighting is switched on automatically when movement is registered and there is insufficient daylight. In this case, the lighting is also automatically switched off if there is sufficient daylight or no one is in the room (presence detector). The lighting remains on as long as the detector detects movement and the measured level of daylight is lower than the set value. The switch-off delay, the lux value at which the lighting must switch on and the sensitivity of the detector are easily set with the IR remote control for smartphone (optional).  
Finishing colour: white  
Compatible secondary detectors: 350-41659



Detection range



H	A Across	B Towards	C Presence
2.5 m	∅ 8 m	∅ 4 m	∅ 3 m
3 m	∅ 12 m	∅ 6 m	∅ 4 m



DALI



master



360°



∅ 12 m from  
a height of  
3 m



2.5 – 3 m



flush-  
mounting

**niko**

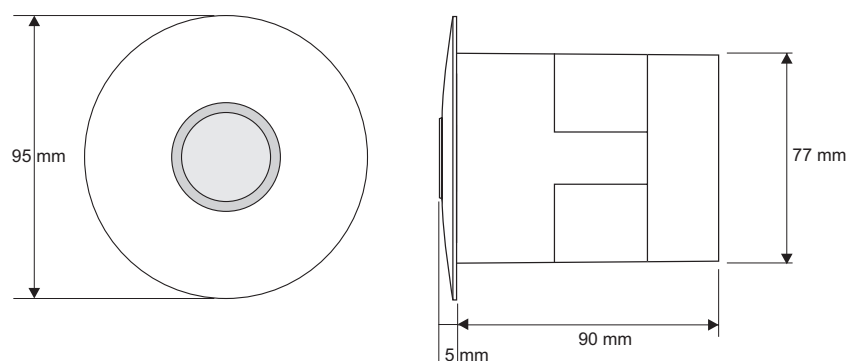
## Technical data

Article number	350-41650
Compatible secondary detectors	350-41659
Input voltage	230 Vac $\pm$ 10 %, 50 Hz
Detector output	DALI Addressable
Maximum MCB rating	10 A (limited by national installation rules)
Relay contact	N.O. (max. 10 A), potential-free
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 $\mu$ F
Maximum switching current	165 A/20 ms – 800 A/200 $\mu$ s
Light intensity range	100 lux – 2000 lux
Number of channels	1 channel
Maximum number of dimmable zones	3
Switch-off delay	5 min – $\infty$
Detection angle	360°
Detection range (PIR)	$\varnothing$ 12 m from a height of 3 m
Ambient temperature	-5 – +40 °C
Mounting method	flush-mounting
Mounting height	2.5 – 3 m
Drill diameter	77 mm
Dimensions visible (HxWxD)	95 x 95 x 5 mm
Dimensions (HxWxD)	95 x 95 x 95 mm
Protection degree	IP20
Marking	CE

## Accessories

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

## Dimensions



Wiring diagram

