Presence detector P47LR, DALI-2, master, 32-37 m, IP54, for surface mounting, white

353-752321

4 year warranty

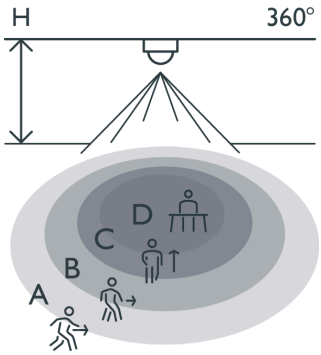
DALI-2 | Bluetooth

DALI-2 | master | IP54 | 20 lx – 2,000 lx | 360° | ø 37 m from a height of 3 m | 2 m – 3.5 m

surface-mounting | Bluetooth® Low Energy



Detection range



H	A Walking	B Across	C Towards	D Presence
2.5 m	⌀ 32 m	⌀ 28 m	⌀ 10 m	⌀ 8 m
3.0 m	⌀ 37 m	⌀ 30 m	⌀ 8 m	⌀ 5 m
3.5 m	⌀ 48 m	⌀ 42 m	⌀ 8 m	⌀ 6 m

Measured according to EN/IEC63180

This presence detector is a DALI-2 master detector for DALI lighting control in up to 3 daylight zones. It is designed for surface mounting and has an IP54 protection degree. The lighting zones are defined during commissioning, using the Niko detector tool app and 2-way Bluetooth® communication between a smartphone and the detector.

Colour: white

Compatible secondary detectors: 353-650021, 353-651021, 353-652021, 353-750021, 353-751021, 353-752021, 353-852011

Compatible controls: 170-00005, 170-00015, 170-70015, 170-70005, 360-21001

This article is protected by at least one patent (or patent application). For more info on patents, see www.niko.eu/innovation.

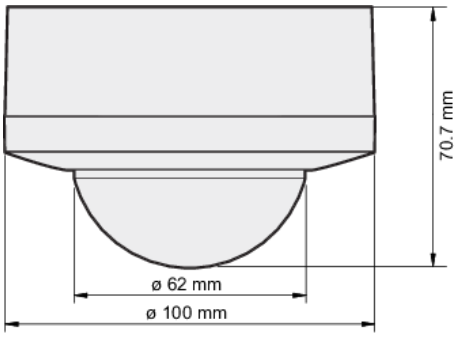
- Surface mounting
- Daylight control in 1-3 daylight zones
- Quick cabling using screwless and easily accessible plug-in terminals
- User-friendly app for commissioning (iOS/Android)
- 2-way Bluetooth® communication ensures quick commissioning and live feedback in the app
- Supports DALI broadcast (default) and DALI addressable
- Fitted with three PIR segments, each covering 120°
- Pre-configured functions:

- DALI lighting control can be overridden with a 230 V push button - different options available
- Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus)
- Web based portal solution for backing up and exchanging configuration files
- Settings and configuration can be locked with a PIN code
- IP54 protection degree

Technical features

Compatible secondary detectors	353-650021, 353-651021, 353-652021, 353-750021, 353-751021, 353-752021, 353-852011
Compatible controls	170-00005, 170-00015, 170-70015, 170-70005, 360-21001
Configuration	master
Input voltage	230 Vac
Detector output	DALI Broadcast/DALI Addressable
Maximum current consumption	250 mA
Maximum startup time DALI	<1.2 s
Maximum PIR detection startup time	1 min 10 s
Switch-off delay	pulse, 30 s – 2 h, ∞
Maximum power consumption	0.5 W
Maximum MCB rating	16 A (limited by national installation rules)
Detection angle	360 °
Detection range (PIR)	ø 37 m from a height of 3 m
Minimum ambient temperature	-25 °C
Maximum ambient temperature	+40 °C
Mounting method	surface mounting
Mounting height	2 m – 3.5 m
Colour	white
Colour RAL (approximately)	9010
Dimensions visible (HxWxD)	100 mm x 100 mm
Dimensions (HxWxD)	100 mm x 100 mm x 70.7 mm
Maximum range Bluetooth® (free field, depending on the device)	50 m
Operating frequency	2.4 GHz
Maximum radio frequency power	-2 dBm
Protection degree standalone	IP54
Impact resistance	IK04
Modification of settings	Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication
Halogen-free	yes
Certificates marks	CE

Dimensions



Wiring diagram

