Dimensions

90
88,5
100
28,3
46,4
100

41-760

APP READY

Detection

30 %

Height (H)	4 m	5 m	6 m	7 m	8 m
A	Ø0,20	Ø0,25	Ø0,30	Ø0,40	Ø0,50
B	Ø2,00	Ø2,50	Ø3,00	Ø3,50	Ø4,00
C	Ø3,70	Ø4,70	Ø5,50	Ø7,00	Ø7,50
D	Ø6,50	Ø8,50	Ø10,00	Ø11,50	Ø14,00
E	Ø11,00	Ø14,00	Ø17,00	Ø20,00	Ø22,00
F	Ø16,00	Ø20,00	Ø24,00	Ø28,00	Ø32,00

Technical data

CE

Input

Supply voltage	230 V AC ± 10 %, 50 Hz
Power consumption	0,45 W

Output

Relay, dry contact	μ 10 A, 250/400 V AC, NO
Max. compensation capacity	140 μF
Max. starting current	165 A/20 m sec.
	800 A/200 μ sec.
DALI units	1-64
	13 V DC/200 mA
Slaves	up to 10 pcs.

Load

Incandescent and halogen lamps 2300 W cos $\varphi = 1$	
Fluorescent tubes	1200 VA cos $\varphi \geq 0.5$
Fluorescent tubes HF-ballast	1200 VA cos $\varphi \geq 0.9$
Halogen electronic transformer	500 VA
LED elektronic driver	500 VA
LED lamps 230 V AC	350 W
Energy-saving lamps, CLF	58 pcs. (18 W)

Performance

Lux range	100 – 2000 lux
Time range (preset settings)	5 min. - ∞
Detection area	(3x120°) 360°
Detection range for body movement	Ø 16-32 m
Installation height	4 – 8 m
Sensitivity	4 settings
Protection class (gasket is mounted)	IP 54
Colour	Ral 9010 (White)
Ambient temperature	-5°C to +50°C

Approval

CE according to	EN 60669-2-1

High ceiling detector, 360° Master, DALI, 230 V
– for indoor lighting control

- Automatic configuration by replacement of 1 DALI coil
- Settings via Niko Sensor Tool app or IR remote control
- Rapid and flexible installation with DALI addressable bus
- Daylight control in up to three daylight zones
- 1 or 2 secondary zones for On/Off or dim
- Multi zone – e.g. blackboard lighting
- Daylight control in corridors with day/night function
- Programming of up to 4 light scenes
- Preprogrammed – ready for use
- Override via push button or potentiometer

The high ceiling detector 41-760 Master is designed for flush mounting. The detection range can be increased by using slavedetector type 41-762.

The presence detector has four separate zones, two or three of which have daylight control, with one or two zones designed for separate On/Off or dimmer control depending on the luminaires.

The detector is equipped with DALI output for control of zones and potential free relay output for control of either light, HVAC or Cut Off of voltage to the DALI luminaires.

Settings
Via Niko Sensor Tool app and IR remote control it is possible to select various functions using the connected push button, setting the Off delay and lux settings.
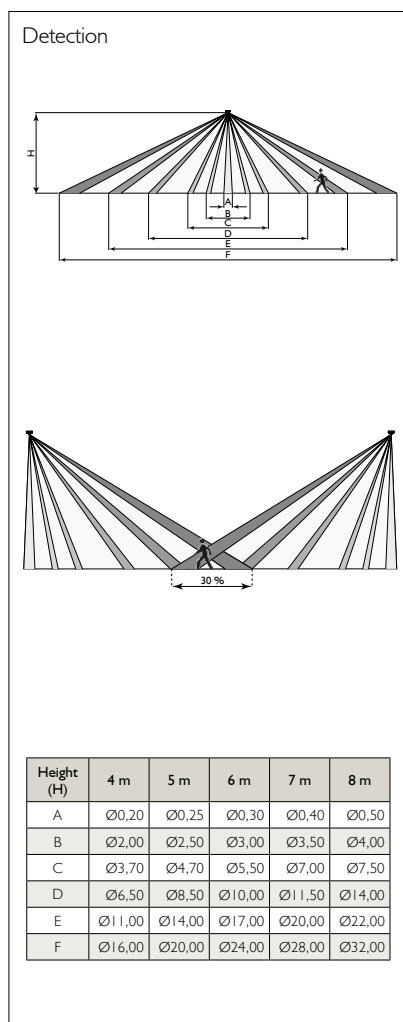
Options
Option for Automatically On/Off or Active On/Off with Automatically Off by all functions.
- Daylight control in up to 3 zones and relay output for HVAC
- Daylight control in up to 3 zones and relay output for light, On/Off
- Daylight control in up to 3 zones with relay output for standby minimization
- Daylight control in up to 3 zones for corridors with day/night mode and relay output for HVAC

Order numbers

Product	Type	EAN no.
DALI Master, high ceiling	41-760	5703102 208965
DALI Slave, high ceiling	41-762	5703102 208989
IR-remote control	41-934	5703102 208927
IR-dongle - smartphone	41-936	5703102 209542

Connection diagram

41-760 DALI Master   41-762 DALI Slave   Zone 1 DALI   Zone 2 DALI   Zone 3 DALI   Zone 4 On/Off

L   N   DA+   DA-