

Product range

Sensors & Lights

Professional line



 **steinel**

1



STEINEL is the sensor specialist for building automation.

Since 1987 we have been setting the standards in building sensor technology. STEINEL solutions are now sold in over 70 countries.

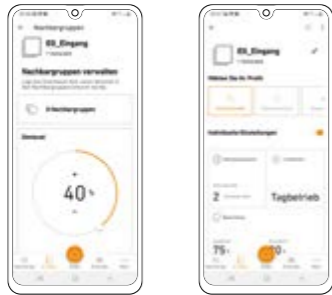
2



STEINEL lights are always one step ahead.

The unique combination of optimum light and ultra-fine sensor control for energy savings of more than 90 %.

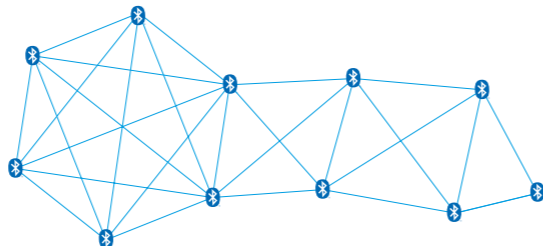
3



Networking and adjustment are one thing above all: simple.

Our Bluetooth-based lighting solutions can be conveniently set via the STEINEL Connect App and adjusted at any time.

4



STEINEL products communicate with each other.

Through the integration of Bluetooth Mesh STEINEL products network wirelessly into intelligent networks.

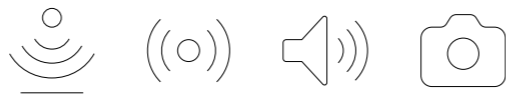
5



Compatible with all leading systems.

STEINEL products are available with all interfaces and are easy for planners and easy to integrate for planners and installers.

6



The right sensor technology for every application.

STEINEL is a leader in infrared, high-frequency, ultrasonic and optical sensor technology for modern buildings.

Sensors

Motion detectors

- iHF 3D
- sensIQ / sensIQ S
- 3000 series
- 2000 / 2000 ECO series
- Interfaces and wiring diagrams

04

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Presence detectors

- Optical sensor systems
- Control PRO II
- Control PRO
- Human presence switches
- Accessories
- DALI plus

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DALI-2

- DALI-2 input device
- LiveLink

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KNX

- Interfaces and wiring diagrams

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- 60

Sensor-switched lights

Indoor lights

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Floodlights

78

Solar lights

84

Outdoor lights

86

iHF 3D. No blind spots, no compromises, no inadvertent triggering.

We are setting an entirely new benchmark with the Professional Line motion detectors for outdoor use. In terms of technology and design, they combine the best of both worlds. Technologically speaking, we have managed to achieve a quantum leap by using high frequency in the iHF 3D for outdoor use. This makes weather-induced, inadvertent triggering a thing of the past.



iHF 3D



No inadvertent triggering by neighbours, cars or small animals.



Detection zone only where you really need it.



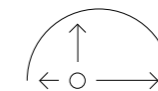
A sensor that adapts to the building. Easily adjustable in 3 directions.



Interconnect, set and operate via free app




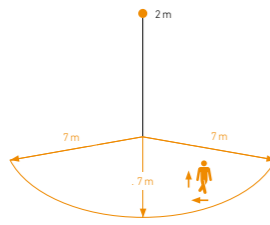

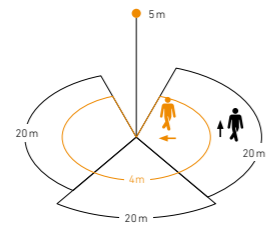
Now also available as a Bluetooth Connect version



Adjustable in three zones from 1- 5 metres



Smart 160° high-frequency sensor

Product	Detection	Interface	Version	IP rating	EAN
iHF 3D IHF motion detectors for the wall 	160 °	COM1	Black	IP54	4007841 066215 ●
	160 °	COM1	White	IP54	4007841 066222 ●
	160 °	COM1	Anthracite	IP54	4007841 066178 ●
	160 °	KNX V3.5	Black	IP54	4007841 059637 ●
	160 °	KNX V3.5	White	IP54	4007841 059644 ●
	160 °	KNX V3.5	Anthracite	IP54	4007841 059620 ●
With 3D aerial technology 4-hour manual override Reach: Radial max. r = 7 m (68 m ²), tangential r = 5 m – max. 7 m (68 m ²) Mounting height: 1.80 – 2.00 m COM1: Output: max. 2000 W (LED-ready) KNX: max. current consumption: 30 mA Dimensions: 120 x 117 x 120 mm 					
sensIQ Infrared motion detectors for walls, ceilings, corners 	300 °	COM1	Black	IP54	4007841 029579
	300 °	COM1	White	IP54	4007841 029562
	300 °	COM1	Anthracite	IP54	4007841 056636
	300 °	KNX V3.1	Black	IP54	4007841 059552 ●
	300 °	KNX V3.1	White	IP54	4007841 059576 ●
	300 °	KNX V3.1	Anthracite	IP54	4007841 059538 ●
Reach can be adjusted with metre-precision in 3 separate directions, 4 h continuous light including remote control and corner wall mount Switching zones: 1360 switching zones Reach: Radial max. r = 4 m (42 m ²), tangential max. r = 20 m (1047 m ²) Mounting height: 2.00 – 5.00 m COM1: Output: max. 2500 W (LED-ready) KNX: max. current consumption: 10 mA Dimensions: 172 x 113 x 144 mm 					

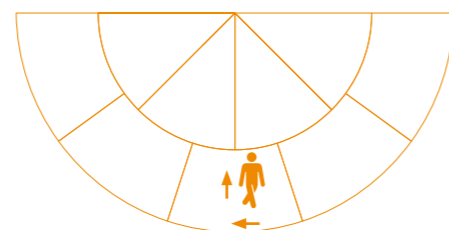
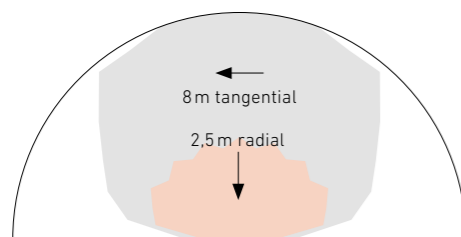
Product	Detection	Interface	Version	IP rating	EAN
sensIQ S Infrared motion detectors for walls, corners 	300 °	COM1	Black	IP54	4007841 034979
	300 °	COM1	White	IP54	4007841 034955
	300 °	COM1	Anthracite	IP54	4007841 056650
	300 °	KNX V3.1	Black	IP54	4007841 059606 ●
	300 °	KNX V3.1	White	IP54	4007841 059613 ●
	300 °	KNX V3.1	Anthracite	IP54	4007841 059583 ●
Reach can be adjusted with metre-precision in 3 separate directions including remote control and corner wall mount Switching zones: 1360 switching zones Reach: Radial max. r = 4 m (42 m ²), tangential max. r = 20 m (1047 m ²) Mounting height: 2.00 – 5.00 m COM1: Output: max. 2000 W (LED-ready) KNX: max. current consumption: 10 mA Dimensions: 128 x 114 x 74 mm 					
Smart Remote Remote control 	Black				4007841 009151
For controlling lights and sensors via smartphone or tablet. Replaces remote controls RC1 - RC12. Including 2 x batteries, type AAA.					

IS 180 digi HD. Revolutionary infrared sensor technology.



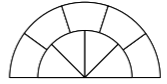

No more time wasted defining the limits of your sensor's range! The nine detection zones can be activated and deactivated individually and digitally, with incredible ease. The sensor sensitivity is also adjustable. The sensor, which can be connected using COM1, comes with new mirroring technology and five pyro-sensors. Thanks to the app and Bluetooth technology, commissioning, setup and wireless networking are child's play.


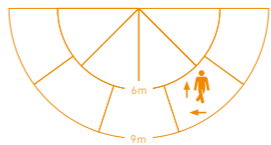


IS 180 digi HD



Attractive design with invisible sensor technology

			
Interconnect, set and operate via free app	Bluetooth Mesh standard	9 digitally adjustable zones	180° passive infrared sensor

Product	Detection	Interface	Version	IP rating	EAN
IS 180 digi HD Infrared motion detector 	180 °	COM1	Anthracite	IP54	4007841 066079
	180 °	COM1	White	IP54	4007841 066109
 <p>With 5 pyro sensors, 9 detection zones, can be (de)activated digitally Switching zones: 200 switching zones Reach: Radial max. r = 6 m (77 m²) Tangential max. r = 9 m (157 m²) Mounting height: 1.80 – 2.50 m COM1: Output: max. 2000W (LED-ready) Dimensions: 42 x 116 x 116 mm</p>					

3000 series. Maximum variety for every need.

Infrared, high-frequency and light sensor technology – the sensors from our 3000 series always give you the right motion detector. Using COM1, PF, DALI, DALI-2, Application Controller, DALI-2 input device or KNX interfaces, even the largest projects can be implemented with effortless ease. And this is something we are particularly proud of: in conjunction with our Smart Remote control, configuration and control couldn't be easier or more convenient via tablet or smartphone. For use in dark ceilings or walls, selected sensors are also available in black. New in the range are recessed ceiling versions for quick installation in hollow ceilings.

2 technologies



Passive infrared technology

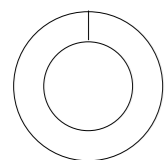
Pyro sensors respond to changes in the infrared heat radiated within the detection zone.



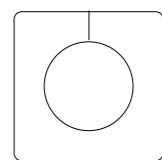
High-frequency technology

If any movement in the detection zone changes the echo pattern of the high-frequency signal, the sensor responds in fractions of a second.

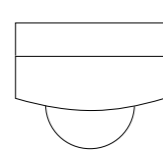
5 designs



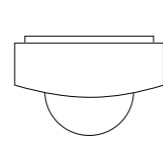
Round



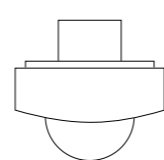
Square



Surface installation



Concealed installation



Recessed



Residential Construction

High-frequency technology for stairwells



Parking & Transportation

For watching over large areas



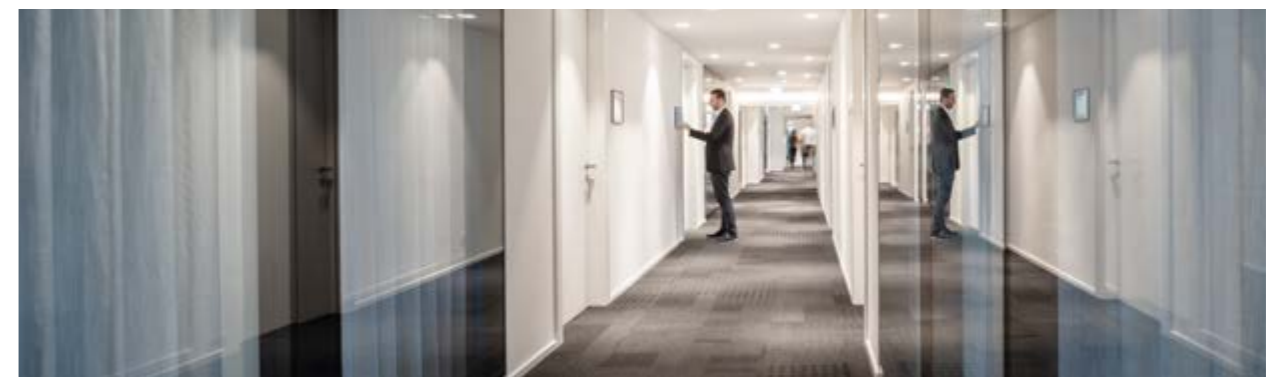
Industry & Logistics

Lofty recessed heights up to 14 m



Schools & Learning

Dedicated corridor sensors



Office

Long corridors

8

Sensors with infrared, high-frequency or lighting sensor technology.


5

Designs as concealed installation, surface installation and recessed -variants in round and square.

5

Interfaces for fast integration into the building service management system.

3000 series at a glance










IS 3360
IS 345
HF 3360
IS 3180

Concealed installation square				
COM1	4007841 033460	4007841 033804	4007841 033675	4007841 055721
PF	4007841 033491	4007841 033835	4007841 033705	4007841 055769
KNX	4007841 058173	4007841 058265	4007841 058227	4007841 058142
DALI-2 APC	4007841 033514	4007841 033866	4007841 033743	4007841 055738
DALI-2 IPD	4007841 057244	4007841 057282	4007841 057336	4007841 057367
Concealed installation round				
COM1	4007841 033453	4007841 033811	4007841 033682	
PF	4007841 033484	4007841 033842	4007841 033712	
KNX	4007841 058197	4007841 058289	4007841 058241	
DALI-2 APC	4007841 033521	4007841 033873	4007841 033750	
DALI-2 IPD	4007841 057268	4007841 057305	4007841 057343	
Surface installation square				
COM1	4007841 010478	4007841 010485	4007841 011734	4007841 009113
PF	4007841 010515	4007841 010539	4007841 010546	4007841 010508
KNX	4007841 058166	4007841 058258	4007841 058210	4007841 058135
DALI-2 APC	4007841 010560	4007841 010584	4007841 011604	4007841 010553
DALI-2 IPD	4007841 057237	4007841 057275	4007841 057312	4007841 057350
Surface installation round				
COM1	4007841 033446	4007841 033798	4007841 033668	
PF	4007841 033477	4007841 033828	4007841 033699	
KNX	4007841 058180	4007841 058272	4007841 058234	
DALI-2 APC	4007841 033507	4007841 033859	4007841 033736	
DALI-2 IPD	4007841 057251	4007841 057299	4007841 057329	
Recessed square				
COM1	4007841 079635	4007841 079673		
KNX	4007841 079642	4007841 079680		
Recessed round				
COM1	4007841 079659	4007841 079697		
KNX	4007841 079666	4007841 079703		

3000 series at a glance

IS 3360 MX Highbay
IS 345 MX Highbay
Light Sensor Dual
NM 5000-3

Concealed installation square				
KNX			4007841 058326	
Concealed installation round				
KNX			4007841 058340	
Surface installation square				
COM1	4007841 033569	4007841 010492		4007841 011697
PF	4007841 033583	4007841 010522		
KNX	4007841 058364	4007841 058296		
DALI-2 APC	4007841 010577	4007841 010591		
DALI-2 IPD	4007841 057374	4007841 057398		



IS 3360 black

COM1	Surface installation square	4007841 068523
KNX V3.1	Surface installation square	4007841 068561
COM1	Surface installation round	4007841 068547
KNX V3.1	Surface installation round	4007841 068585
COM1	Concealed installation square	4007841 068530
KNX V3.1	Concealed installation square	4007841 068578
COM1	Concealed installation round	4007841 068554
KNX V3.1	Concealed installation round	4007841 068592



NM 5000-3 black

KNX V3.1	Surface installation square	4007841 084134
KNX V3.1	Surface installation round	4007841 084158
KNX V3.1	Concealed installation square	4007841 084141
KNX V3.1	Concealed installation round	4007841 084165



NM 5000-3 black


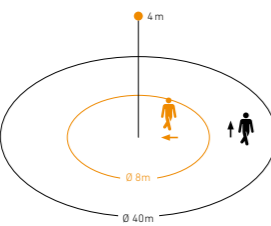
COM1	Surface installation square	4007841 011680
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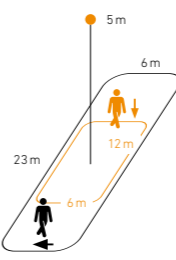
Switching capacities


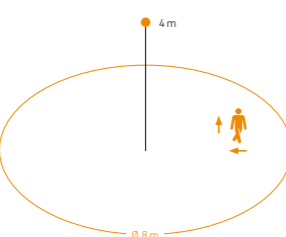
COM1	Max. 2000 W (LED-ready), switching light
PF	No SELV, max. 10 A, 240 V AC / 24 V DC, min 100 mA, 12 V AC/DC
DALI-2 APC	Broadcast control line for 1 x 30 electronic ballasts

Power supply





KNX	KNX bus power supply, digital bus interface for 2 lighting channels and HVAC
DALI-2 IPD	DALI bus power supply, for connecting to DALI light management systems/LiveLink






Product	Detection	Interface	Version	IP rating	EAN
IS 3360 Infrared motion and presence detectors for multi-storey car parks, entrances, service rooms  <p>With 3 pyro sensors, 4 h continuous light Reach: Radial max. Ø 8 m (50 m²), tangential max. Ø 40 m (1257 m²) Presence max. Ø 3 m (7 m²) Mounting height: 2.50 – 4.00 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 3 DALI users (6 mA) KNX: max. current consumption: 12.5 mA Dimensions: AP square: 65 x 95 x 95 mm / round: Ø 126 x 65 mm - UP square: 78 x 94 x 94 mm / round: Ø 124 x 65 mm - DE square: 121 x 94 x 94 mm / round: Ø 124 x 121 mm</p> 	Surface installation, square				
	360 °	COM1	White	IP54	4007841 010478
	360 °	COM1	Black	IP54	4007841 068523
	360 °	PF	White	IP54	4007841 010515
	360 °	DALI-2 APC	White	IP54	4007841 010560
	360 °	DALI-2 IPD	White	IP54	4007841 057237
	360 °	KNX V3.1	White	IP54	4007841 058166
	360 °	KNX V3.1	Black	IP54	4007841 068561
	Surface installation, round				
	360 °	COM1	White	IP54	4007841 033446
	360 °	COM1	Black	IP54	4007841 068547
	360 °	PF	White	IP54	4007841 033477
	360 °	DALI-2 APC	White	IP54	4007841 033507
	360 °	DALI-2 IPD	White	IP54	4007841 057251
	360 °	KNX V3.1	White	IP54	4007841 058180
	360 °	KNX V3.1	Black	IP54	4007841 068585
	Concealed installation, square				
	360 °	COM1	White	IP20	4007841 033460
	360 °	COM1	Black	IP20	4007841 068530
	360 °	PF	White	IP20	4007841 033491
	360 °	DALI-2 APC	White	IP20	4007841 033514
	360 °	DALI-2 IPD	White	IP20	4007841 057244
	360 °	KNX V3.1	White	IP20	4007841 058173
	360 °	KNX V3.1	Black	IP20	4007841 068578
	Concealed installation, round				
	360 °	COM1	White	IP20	4007841 033453
	360 °	COM1	Black	IP20	4007841 068554
	360 °	PF	White	IP20	4007841 033484
	360 °	DALI-2 APC	White	IP20	4007841 033521
	360 °	DALI-2 IPD	White	IP20	4007841 057268
	360 °	KNX V3.1	White	IP20	4007841 058197
	360 °	KNX V3.1	Black	IP20	4007841 068592
	Recessed installation, square				
	360 °	COM1	White	IP20	4007841 079635
	360 °	KNX V3.1	White	IP20	4007841 079642
	Recessed installation, round				
360 °	COM1	White	IP20	4007841 079659	
360 °	KNX V3.1	White	IP20	4007841 079666	

Product	Detection	Interface	Version	IP rating	EAN
IS 345 Infrared aisle motion detector for corridors and aisles  <p>With 2 pyro sensors, 4 h continuous light Reach: Radial max. 12 x 6 m (72 m²), tangential max. 23 x 6 m (138 m²) Mounting height: 2.50 – 5.00 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 3 DALI users (6 mA) KNX: max. current consumption: 12.5 mA Dimensions: AP square: 65 x 95 x 95 mm / round: Ø 126 x 65 mm - UP square: 78 x 94 x 94 mm / round: Ø 124 x 65 mm - DE square: 121 x 94 x 94 mm / round: Ø 124 x 121 mm</p> 	Surface installation, square				
	360 °	COM1	White	IP54	4007841 010485
	360 °	PF	White	IP54	4007841 010539
	360 °	DALI-2 APC	White	IP54	4007841 010584
	360 °	DALI-2 IPD	White	IP54	4007841 057275
	360 °	KNX V3.1	White	IP54	4007841 058258
	360 °	KNX V3.1	Black	IP54	4007841 084134
	Surface installation, round				
	360 °	COM1	White	IP54	4007841 033798
	360 °	PF	White	IP54	4007841 033828
	360 °	DALI-2 APC	White	IP54	4007841 033859
	360 °	DALI-2 IPD	White	IP54	4007841 057299
	360 °	KNX V3.1	Black	IP54	4007841 084158
	Concealed installation, square				
	360 °	COM1	White	IP20	4007841 033804
	360 °	PF	White	IP20	4007841 033835
	360 °	DALI-2 APC	White	IP20	4007841 033866
	360 °	DALI-2 IPD	White	IP20	4007841 057282
	360 °	KNX V3.1	White	IP20	4007841 058265
	360 °	KNX V3.1	Black	IP20	4007841 084141
	Concealed installation, round				
	360 °	COM1	White	IP20	4007841 033811
	360 °	PF	White	IP20	4007841 033842
	360 °	DALI-2 APC	White	IP20	4007841 033873
	360 °	DALI-2 IPD	White	IP20	4007841 057305
	360 °	KNX V3.1	White	IP20	4007841 058289
	360 °	KNX V3.1	Black	IP20	4007841 084165
	Recessed installation, square				
	360 °	COM1	White	IP20	4007841 079673
	360 °	KNX V3.1	White	IP20	4007841 079680
	Recessed installation, round				
	360 °	COM1	White	IP20	4007841 079697
	360 °	KNX V3.1	White	IP20	4007841 079703


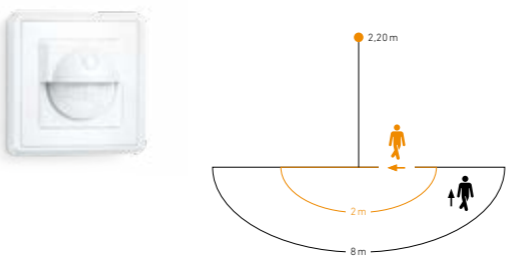
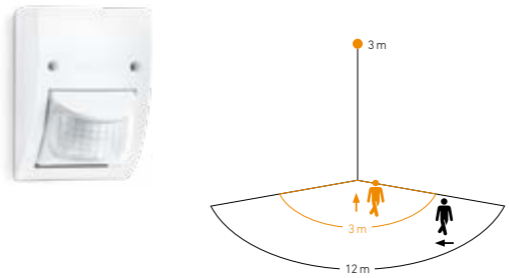

Product	Detection	Interface	Version	IP rating	EAN
<p>HF 3360</p> <p>High-frequency motion detectors for WCs, washrooms, stairwells, side rooms</p>  <p>5.8 GHz, approx. 1 mW, continuous light 4 hrs. Reach: Radial max. Ø 8 m (50 m²), tangential max. Ø 8 m (50 m²) Mounting height: 2.00 – 4.00 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 5 DALI users (10 mA) KNX: max. current consumption: 12.5 mA Dimensions: AP square: 52 x 95 x 95 mm / round: Ø 126 x 52 mm - UP square: 64 x 94 x 94 mm / round: Ø 124 x 64 mm</p> 	Surface installation, square				
	360 °	COM1	White	IP54	4007841 011734
	360 °	PF	White	IP54	4007841 010546
	360 °	DALI-2 APC	White	IP54	4007841 011604
	360 °	DALI-2 IPD	White	IP54	4007841 057312
	360 °	KNX V3.1	White	IP54	4007841 058210
	Surface installation, round				
	360 °	COM1	White	IP54	4007841 033668
	360 °	PF	White	IP54	4007841 033699
	360 °	DALI-2 APC	White	IP54	4007841 033736
	360 °	DALI-2 IPD	White	IP54	4007841 057329
	360 °	KNX V3.1	White	IP54	4007841 058234
	Concealed installation, square				
	360 °	COM1	White	IP20	4007841 033675
	360 °	PF	White	IP20	4007841 033705
	360 °	DALI-2 APC	White	IP20	4007841 033743
	360 °	DALI-2 IPD	White	IP20	4007841 057336
	360 °	KNX V3.1	White	IP20	4007841 058227
	Concealed installation, round				
	360 °	COM1	White	IP20	4007841 033682
	360 °	PF	White	IP20	4007841 033712
	360 °	DALI-2 APC	White	IP20	4007841 033750
	360 °	DALI-2 IPD	White	IP20	4007841 057343
	360 °	KNX V3.1	White	IP20	4007841 058241

Product	Detection	Interface	Version	IP rating	EAN
<p>IS 3180</p> <p>Infrared motion detectors for corridors, aisles, side rooms</p>  <p>With 2 pyro sensors, 4 h continuous light Reach: Radial max. r = 3 m (14 m²) / r = 4 m (25 m²) Tangential max. r = 6 m (57 m²) / r = 20 m (628 m²) Mounting height: 1.80 – 2.50 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 3 DALI users (6 mA) KNX: max. current consumption: 12.5 mA Dimensions: AP square: 65 x 95 x 95 mm - UP square: 78 x 94 x 94 mm</p> 	Surface installation, square				
	180 °	COM1	White	IP54	4007841 009113
	180 °	PF	White	IP54	4007841 010508
	180 °	DALI-2 APC	White	IP54	4007841 010553
	180 °	DALI-2 IPD	White	IP54	4007841 057350
	180 °	KNX V3.1	White	IP54	4007841 058135
	Concealed installation, square				
	180 °	COM1	White	IP20	4007841 055721
	180 °	PF	White	IP20	4007841 055769
	180 °	DALI-2 APC	White	IP20	4007841 055738
	180 °	DALI-2 IPD	White	IP20	4007841 057367
	180 °	KNX V3.1	White	IP20	4007841 058142
	Surface installation, square				
	360 °	COM1	White	IP54	4007841 033569
	360 °	PF	White	IP54	4007841 033583
	360 °	DALI-2 APC	White	IP54	4007841 010577
	360 °	DALI-2 IPD	White	IP54	4007841 057374
	360 °	KNX V3.1	White	IP54	4007841 058364
<p>IS 3360 MX Highbay</p> <p>Infrared aisle motion detector for highbay warehouse zones</p>  <p>For large heights, with 3 pyro sensors, continuous light 4 hrs. Reach: Radial max. Ø 14 m (154 m²), tangential max. Ø 36 m (1018 m²) Mounting height: 4.00 – 14.00 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 3 DALI users (6 mA) KNX: max. current consumption: 12.5 mA Dimensions: 65 x 95 x 95 mm</p> 					

Product	Detection	Interface	Version	IP rating	EAN
IS 345 MX Highbay Infrared aisle motion detector for highbay warehouse aisles 	Surface installation, square				
	360 °	COM1	White	IP54	4007841 010492
	360 °	PF	White	IP54	4007841 010522
	360 °	DALI-2 APC	White	IP54	4007841 010591
	360 °	DALI-2 IPD	White	IP54	4007841 057398
	360 °	KNX V3.1	White	IP54	4007841 058296
For large heights, with 2 pyro sensors, continuous light 4 hrs. Reach: Radial max. 30 x 4 m (120 m ²), tangential max. 30 x 4 m (120 m ²) Mounting height: 4.00 – 14.00 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 3 DALI users (6 mA) KNX: max. current consumption: 12.5 mA Dimensions: 65 x 95 x 95 mm					
Light Sensor Dual Photo-cell controller for offices, conference rooms, classrooms 	Concealed installation, square				
		KNX V3.1	White	IP20	4007841 058326
	Concealed installation, round				
		KNX V3.1	White	IP20	4007841 058340
Light sensor with 2 light measurements (diffuse and directed) Twilight setting: 2 – 1000 lx Mounting height: 2.00 – 4.00 m KNX: max. current consumption: 12.5 mA Dimensions: Square: 51 x 94 x 94 mm - round: Ø 124 x 51 mm					
NightMatic 5000-3 Photo-cell controller for shop windows, billboards, building facades 	Surface installation, square				
		COM1	White	IP54	4007841 011697
		COM1	Black	IP54	4007841 011680
With night economy mode and diffuse light measurement Twilight setting: 2 – 1000 lx COM1: Output: max. 2000 W (LED-ready) Dimensions: 42 x 95 x 95 mm					
Smart Remote Remote control 	Black				4007841 009151
	For controlling lights and sensors via smartphone or tablet. Replaces remote controls RC1 - RC12. Including 2 x batteries, type AAA.				

Product	Detection	Interface	Version	IP rating	EAN
RC6 KNX Service remote control 	Black				4007841 593018
	Twilight setting, stay-ON times, teach-in, sensitivity, reach (HF), basic brightness, HVAC switch-ON delay, light sensor calibration. For: IS 3360 KNX, IS 345 KNX, HF 3360 KNX, IS 3360 MX Highbay KNX, IS 345 MX Highbay KNX, IS 3180 KNX, Light Sensor Dual KNX				
RC7 KNX User remote control 	Black				4007841 592912
	Permanent light ON/OFF, 4 KNX scenarios can be saved. For: IS 3360 KNX, IS 345 KNX, HF 3360 KNX, IS 3360 MX Highbay KNX, IS 345 MX Highbay KNX, IS 3180 KNX, Light Sensor Dual KNX				
Corner wall mount 3000 	White				4007841 035174
	Black				4007841 648015
	For internal and external corners, plastic, suitable for IS 3180, HF 3360, NM 5000-3				
Recessed installation adapter 	White				4007841 079543
	Enables ceiling installation of the Control PRO, Control PRO II and 3000 series. Dimensions: 102 x 69 mm				
Black trim For IR sensors 	Black trims for IR sensors				
	Surface installation, square				4007841 056711
	Surface installation, round				4007841 056735
	Concealed installation, square				4007841 056728
	Concealed installation, round				4007841 056742
	Black trims for HF sensors				
	Surface installation, square				4007841 056674
Surface installation, round				4007841 056698	
Concealed installation, square				4007841 056681	
Concealed installation, round				4007841 056704	
For HF 3360 motion detectors.					

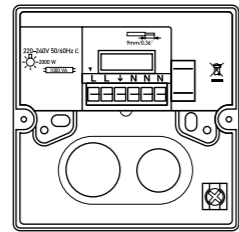
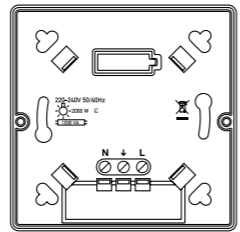
Product	Detection	Interface	Version	IP rating	EAN
IS 2180-2 Infrared motion detectors for walls, corners 	180 °	COM1	Black	IP54	4007841 603717
	180 °	COM1	White	IP54	4007841 603816
	180 °	COM1	Stainless steel look	IP54	4007841 603915
	180 °	COM1	Anthracite	IP54	4007841 057664
With 2 pyro sensors, incl. corner wall mount Reach: Radial max. $r = 1.5\text{ m}$ (4 m^2) / $r = 3\text{ m}$ (14 m^2) Tangential max. $r = 5\text{ m}$ (39 m^2) / $r = 12\text{ m}$ (226 m^2) Mounting height: 1.80 – 4.00 m Mounting location: Wall, corner COM1 Output: max. 1000 W (LED-ready) Dimensions: 55 x 78 x 120 mm					
IS D360 Infrared motion detector for controlling spotlights 	360 °	COM1	White	IP20	4007841 601317
	Recessed ceiling sensor with the dimensions of a bulb (e.g. GU10) Continuous light 4 hrs, including standard white trim Reach: Radial max. $\varnothing 8\text{ m}$ (50 m^2) Tangential max. $\varnothing 16\text{ m}$ (201 m^2) Mounting height: 2.50 – 4.00 m Mounting location: Ceiling COM1 Output: max. 1000 W (LED-ready) Dimensions: $\varnothing 83 \times 82\text{ mm}$				
IS 2360 DE ECO Infrared motion detector for recessing in ceiling 	360 °	COM1	White	IP54	4007841 034733
	Reach: Radial max. $\varnothing 4\text{ m}$ (13 m^2) Tangential max. $\varnothing 8\text{ m}$ (50 m^2) Mounting height: 2.2 – 4 m Mounting location: Ceiling COM1 Output: max. 1000 W (LED-ready) Dimensions: $\varnothing 78 \times 89\text{ mm}$				
IS 2360-3 ECO Infrared motion detector for recessing in ceiling 	360 °	COM1	White	IP54	4007841 057770
	360 °	COM1	Black	IP54	4007841 081706
With 3 pyro sensors Reach: Radial max. $\varnothing 6\text{ m}$ (28 m^2) Tangential max. $\varnothing 24\text{ m}$ (452 m^2) Mounting height: 2.50 – 6.00 m Mounting location: Ceiling COM1 Output: max. 2000 W (LED-ready) Dimensions: $\varnothing 121 \times 57\text{ mm}$					

Product	Detection	Interface	Version	IP rating	EAN
IS 2360 ECO Infrared motion detector for the ceiling 	360 °	COM1	White	IP54	4007841 006556
	Reach: Radial max. $\varnothing 3\text{ m}$ (7 m^2) Tangential max. $\varnothing 7\text{ m}$ (38 m^2) Mounting height: 2.00 – 4.00 m Mounting location: Ceiling COM1 Output: max. 2000 W (LED-ready) Dimensions: $\varnothing 115 \times 51\text{ mm}$				
IR 2180, concealed installation, ECO Infrared sensor switch for wall installation 	180 °	COM1	White	IP20	4007841 065003
	Wall switch for 2 or 3-wire installation Reach: Radial max. $r = 2\text{ m}$ (6 m^2) Tangential max. $r = 8\text{ m}$ (101 m^2) Mounting height: 1.10 – 2.2 m Mounting location: Wall COM1 Output: max. 200 W (LED-ready) Dimensions: $57 \times 81 \times 81\text{ mm}$				
IS 2160 ECO Infrared motion detector for the wall 	160 °	COM1	Black	IP54	4007841 605919
	160 °	COM1	White	IP54	4007841 606015
With 2 pyro sensors Reach: Radial max. $r = 3\text{ m}$ (13 m^2) Tangential max. $r = 12\text{ m}$ (201 m^2) Mounting height: 1.80 – 3.00 m Mounting location: Wall COM1 Output: max. 600 W (LED-ready) Dimensions: $73 \times 78 \times 113\text{ mm}$					
IS 2180 ECO Infrared motion detector for the wall 	180 °	COM1	Black	IP54	4007841 034702
	180 °	COM1	White	IP54	4007841 034696
	180 °	COM1	Anthracite	IP54	4007841 064907
With 2 pyro sensors, incl. corner wall mount Range: Radial max. $r = 1.5\text{ m}$ (4 m^2) / $r = 3\text{ m}$ (14 m^2) Tangential max. $r = 5\text{ m}$ (39 m^2) / $r = 12\text{ m}$ (226 m^2) Mounting height: 1.80 – 4.00 m Mounting location: Wall, corner COM1 Output: max. 2000 W (LED-ready) Dimensions: 55 x 78 x 120 mm					

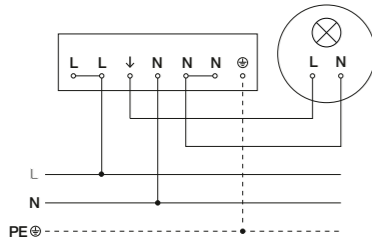
Interfaces and wiring diagrams for 3000 series

COM1

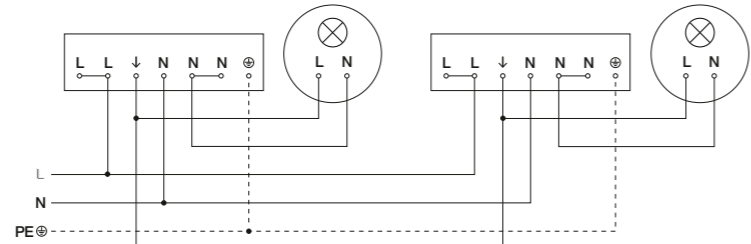
Switching light

Mains power supply 220-240 V, 50 / 60 Hz Time setting 5 s - 15 min + pulse mode (approx. 2 s)	Surface installation 	Concealed installation 																			
	Output <table border="1"> <tr> <td>Filament bulb/halogen load</td> <td>2000 W</td> <td>Low-voltage halogen lamps</td> <td>2000 VA</td> </tr> <tr> <td>Fluorescent lamp electronic ballasts</td> <td>1500 W</td> <td>LED < 2 W</td> <td>100 W</td> </tr> <tr> <td>Fluorescent lamps, uncorrected</td> <td>1000 VA</td> <td>2 W < LED < 8 W</td> <td>100 W</td> </tr> <tr> <td>Fluorescent lamps, series-corrected</td> <td>400 VA</td> <td>LED > 8 W</td> <td>600 W</td> </tr> <tr> <td>Fluorescent lamps, parallel-corrected</td> <td>400 VA</td> <td>Capacitive load</td> <td>176 µF</td> </tr> </table>		Filament bulb/halogen load	2000 W	Low-voltage halogen lamps	2000 VA	Fluorescent lamp electronic ballasts	1500 W	LED < 2 W	100 W	Fluorescent lamps, uncorrected	1000 VA	2 W < LED < 8 W	100 W	Fluorescent lamps, series-corrected	400 VA	LED > 8 W	600 W	Fluorescent lamps, parallel-corrected	400 VA	Capacitive load
Filament bulb/halogen load	2000 W	Low-voltage halogen lamps	2000 VA																		
Fluorescent lamp electronic ballasts	1500 W	LED < 2 W	100 W																		
Fluorescent lamps, uncorrected	1000 VA	2 W < LED < 8 W	100 W																		
Fluorescent lamps, series-corrected	400 VA	LED > 8 W	600 W																		
Fluorescent lamps, parallel-corrected	400 VA	Capacitive load	176 µF																		

Master

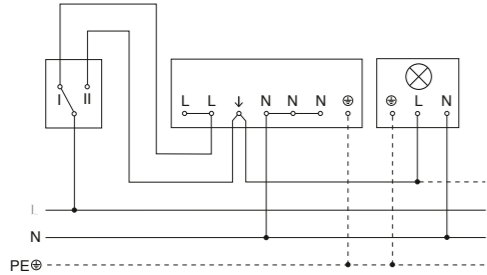


Master/Master



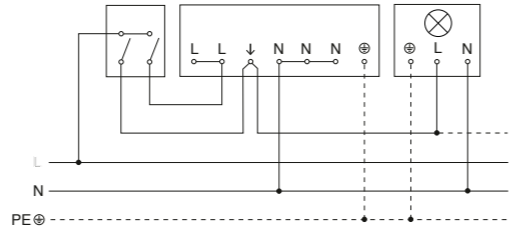
Connection by a two-way switch for permanent light and automatic mode

Setting I: automatic mode
Setting II: manual mode, light ON permanently



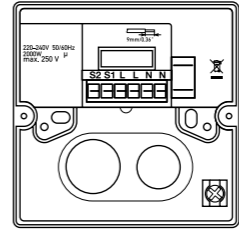
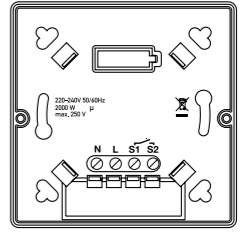
Note: the system cannot be switched OFF, it is only possible to select operation between setting I and setting II.

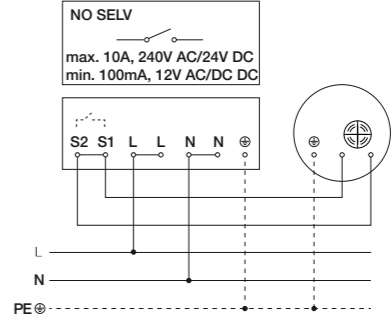
Connection using two-circuit switches for manual and automatic operation



PF

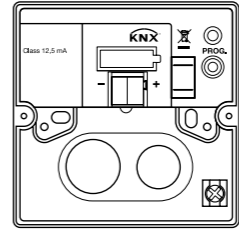
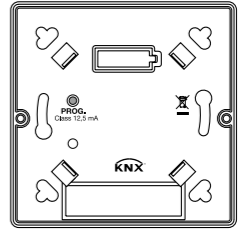
Switching a floating relay

Mains power supply 220-240 V, 50 / 60 Hz Time setting 5 s - 15 min + pulse mode (approx. 2 s)	Surface installation 	Concealed installation 																					
	Output <table border="1"> <tr> <td>No SELV, max. 10 A, 240 V AC/24 V DC, min. 100 mA, 12 V AC/DC, 800 A / 200 µs</td> <td></td> </tr> <tr> <td>Filament bulb/halogen load</td> <td>2000 W</td> </tr> <tr> <td>Fluorescent lamp electronic ballasts</td> <td>1500 W</td> </tr> <tr> <td>Fluorescent lamps, uncorrected</td> <td>1000 VA</td> </tr> <tr> <td>Fluorescent lamps, series-corrected</td> <td>400 VA</td> </tr> <tr> <td>Fluorescent lamps, parallel-corrected</td> <td>400 VA</td> </tr> <tr> <td>Low-voltage halogen</td> <td>2000 VA</td> </tr> <tr> <td>LED < 2 W</td> <td>100 W</td> </tr> <tr> <td>2 W < LED < 8 W</td> <td>100 W</td> </tr> <tr> <td>LED > 8 W</td> <td>600 W</td> </tr> <tr> <td>Capacitive load</td> <td>176 µF</td> </tr> </table>		No SELV, max. 10 A, 240 V AC/24 V DC, min. 100 mA, 12 V AC/DC, 800 A / 200 µs		Filament bulb/halogen load	2000 W	Fluorescent lamp electronic ballasts	1500 W	Fluorescent lamps, uncorrected	1000 VA	Fluorescent lamps, series-corrected	400 VA	Fluorescent lamps, parallel-corrected	400 VA	Low-voltage halogen	2000 VA	LED < 2 W	100 W	2 W < LED < 8 W	100 W	LED > 8 W	600 W	Capacitive load
No SELV, max. 10 A, 240 V AC/24 V DC, min. 100 mA, 12 V AC/DC, 800 A / 200 µs																							
Filament bulb/halogen load	2000 W																						
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LED < 2 W	100 W																						
2 W < LED < 8 W	100 W																						
LED > 8 W	600 W																						
Capacitive load	176 µF																						



KNX

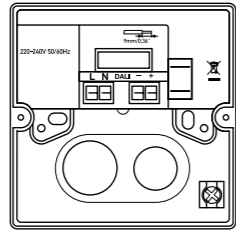
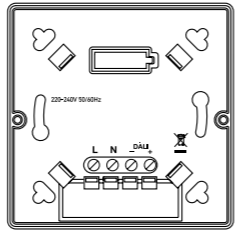
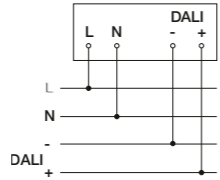
Digital bus interface for controlling 2 lighting channels and HVAC

Power supply Via KNX bus voltage	Surface installation 	Concealed installation 
	Settings Via ETS software, remote control or BUS Functions Light output 2x, constant-lighting control 2x, basic light level function, absence, presence output, HVAC output, photo-cell controller, light level, sabotage, logic gate	

Interfaces and wiring diagrams for 3000 series


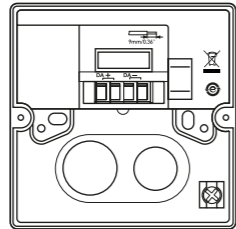
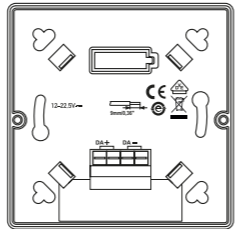
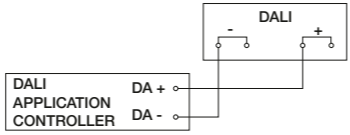
DALI-2 application controller

Digital DIM interface for controlling 1 lighting channel

<p>Power supply 220-240 V, 50 / 60 Hz max. 2.5 mm²</p> <p>Time setting 5 s - 15 min</p>	<p>Surface installation</p> 	<p>Concealed installation</p> 
	<p>Control output 2-core control cable, single-master controller/broadcast application Guaranteed supply current 60 mA Maximum supply current 250 mA</p> <p>Constant lighting control, user-friendly DALI function, basic brightness ON, OFF, 10–30 min, all night, 10–50%</p>	<p>Master</p> 

DALI-2 input device

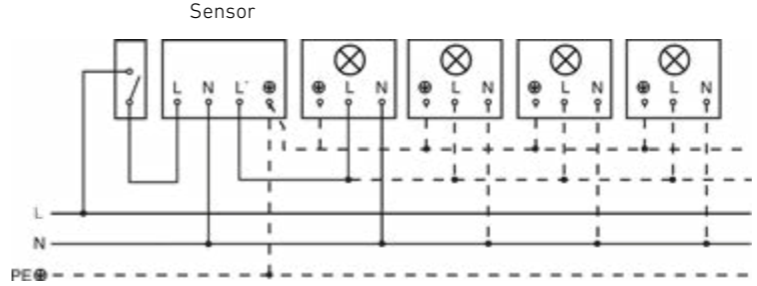
Communication of information on presence and light level to a DALI application controller

<p>Power consumption 6 mA / 3 DALI users, 12-22.5 V , no SELV (9 mA / 5 DALI users with HF 3360)</p>	<p>Surface installation</p> 	<p>Concealed installation</p> 
	<p>DALI-2 input device DALI control line (multi-master capability for communication with the DALI application controller/DALI sensor)</p> 	

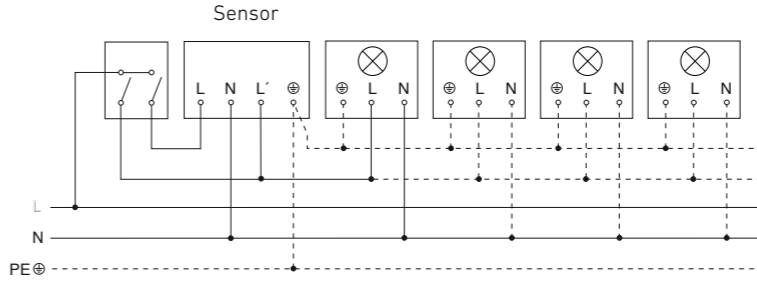
Wiring diagrams for 2000 / 2000 ECO series

IS 2180-5 / IS 2180-2 / IS D360 / IS 2360 DE ECO / IS 2360-3 ECO / IS 2360 ECO / IS 2160 ECO / IS 2180 ECO

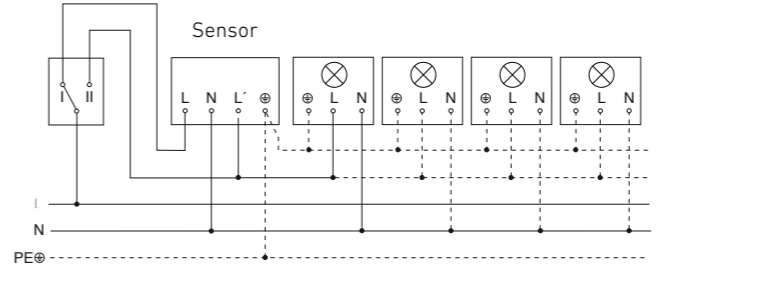
Connection sensor with light



Connection using two-circuit switches for manual and automatic operation



Connection via a two-way switch for manual override and automatic operation

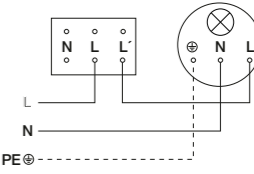


Setting I: automatic operation, setting II: manual operation, manual override for constant light. Note: the system cannot be switched OFF, it is only possible to select operation between setting I and setting II.

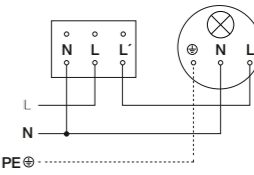
Wiring diagrams for surface installation IR 2180 UP ECO

IR 2180, concealed installation, ECO

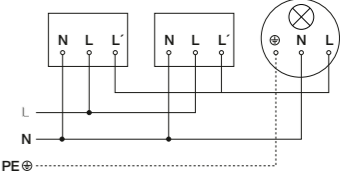
Two-wire connection



Three-wire connection

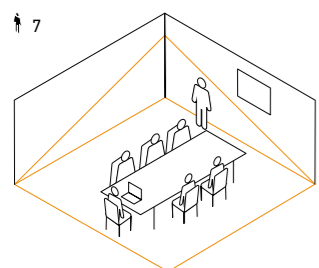
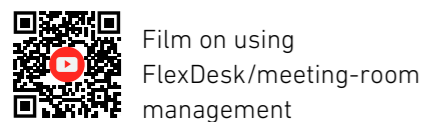


Interconnecting several sensors

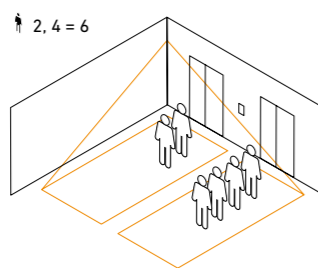


HPD 2. More intelligence from optical multi-sensor systems.

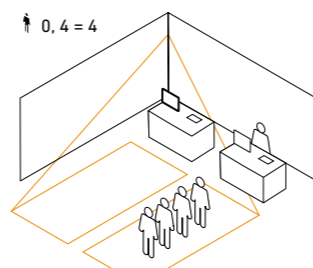
With the HPD 2 – with HPD standing for "Human Presence Detection" – STEINEL is now making a quantum leap in sensor technology. Because the HPD2 is the world's first human presence detector that's not only capable of detecting whether people are present, it can count them too. No matter whether they are moving about or not. Information in a dimension that is only just being discovered now. The HPD2 also has integrated temperature and air-humidity sensors, opening up completely new capabilities in building automation. At last, light, heating and air conditioning can be controlled in line with demand for the number of people present in a room.



Reliable detection of the number of people in a room.



Live information on utilisation and frequency.



Data provided for situation analysis.



Organising flexible workplaces.

One workstation in a large city can cost € 10,000 a year and more. And sometimes, half of these workstations are not even in use. The Desk Sharing solution lets you know at a glance where workstations are still available. Idea: increase utilisation rate and save money.



Managing meeting rooms.

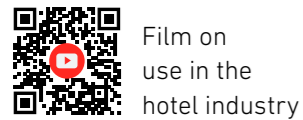
Which conference rooms are available? Which are occupied? Where is the meeting? Our Meeting Room solution allows you quickly and reliably to identify room utilisation and can even provide information on how many people are in the room.

Number of people	Zoning	Temperature	Light level	Humidity	VOC (HPD3)

Product	Detection	Interface	Version	IP rating	EAN
HPD2 Optical sensor 	110 °	IP	Surface installation	IP20	4007841 033965
	110 °	KNX	Surface installation	IP20	4007841 033200
Camera multisensor for wall mounting. Detects and counts people. KNX: additional measurement of the temperature and humidity IP protocols: REST API, MQTT, BACnet Reach: Radial max. r = 10 m (96 m ²) Tangential max. r = 10 m (96 m ²) Presence max. r = 10 m (96 m ²) Mounting height: 2.30 – 6.00 m Dimensions: 52 x 86 x 156 mm					
HPD3 Optical sensor 	110 °	IP	Concealed installation	IP20	4007841 067304 ●
	110 °	IP	Surface installation	IP20	4007841 067298 ●
Camera multisensor for ceiling mounting. Detects and counts people. KNX: additional measurement of the temperature and humidity IP protocols: REST API, MQTT, BACnet Reach: Radial max. r = 10 m (96 m ²) Tangential max. r = 10 m (96 m ²) Presence max. r = 10 m (96 m ²) Mounting height: 2.30 – 6.00 m Dimensions: Ø 125 x 52 mm					

Control PRO II. The new generation of human presence detectors.

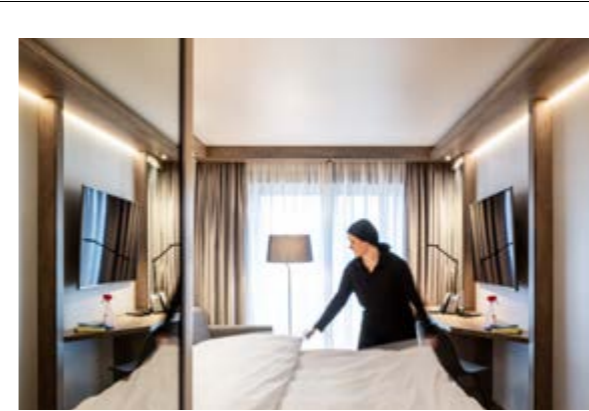
Successfully advancing our Control PRO series, even its truly exceptional design points to the revolutions that are taking place inside buildings. For the first time ever, True Presence® technology now lets us identify true human presence. Reliable information on the presence of a human being, whether walking, standing, sitting or sleeping, opens up entirely new capabilities in building automation. Yet our Control PRO II sensors take us one step further. Not only detecting human presence, they also measure temperature and humidity. Bluetooth takes every effort out of setting them up, putting them into operation and interconnecting them.



Film on use in the hotel industry



True Presence (%)	Light level (lx)	Temperature (°C)	Humidity (%)	CO ₂ (ppm)	VOC (ppb)	Air pressure (mbar)



Hotel Industry
Making guests feel more at home, saving energy



School & Learning
A good indoor climate helps to create the perfect atmosphere conducive to learning

7 interfaces

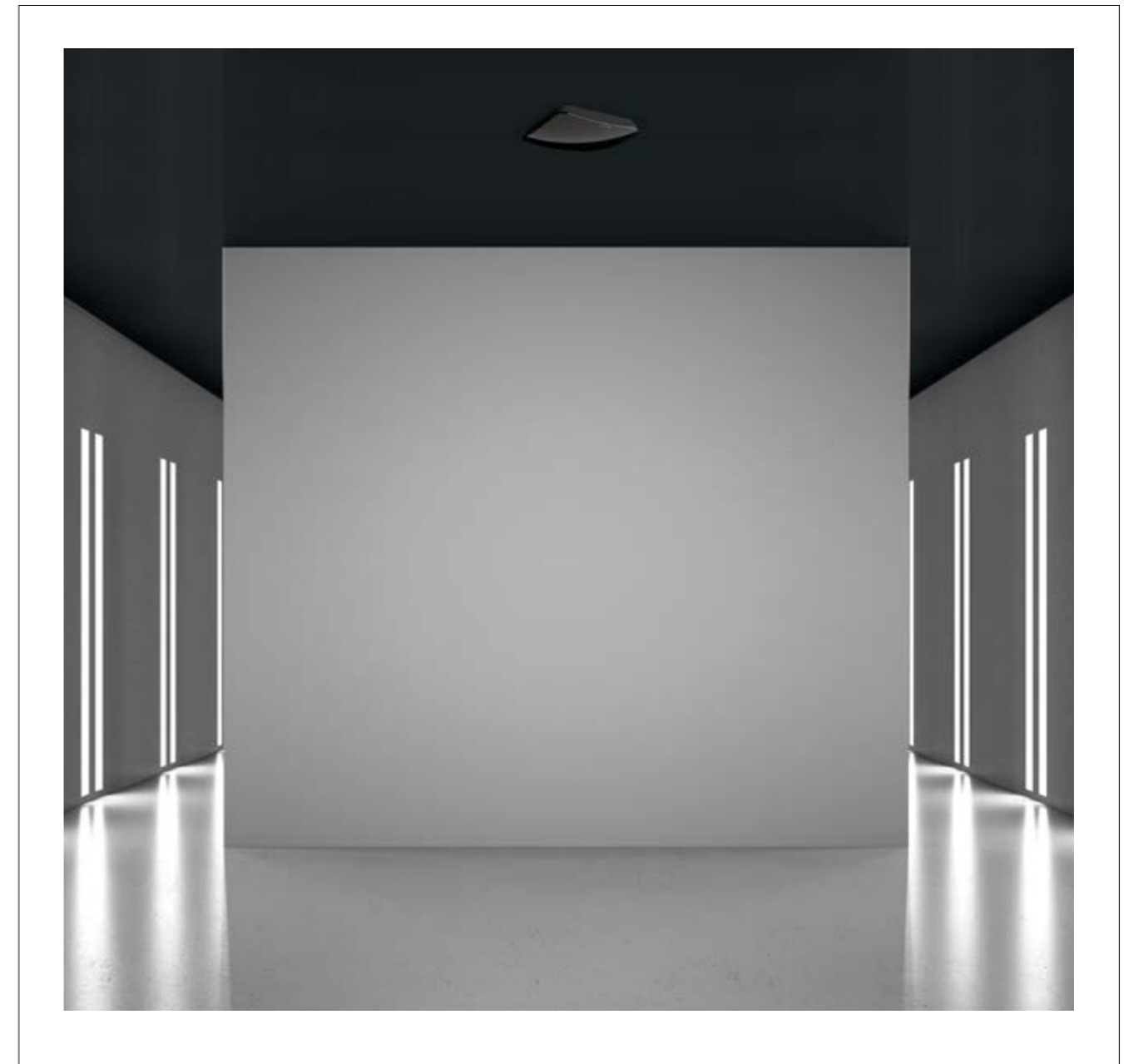
<h3>COM1</h3> <ul style="list-style-type: none"> - Switching light - Fully automatic / semi-automatic, pushbutton connection, interconnected systems 	<h3>COM2</h3> <ul style="list-style-type: none"> - Switching light on and off (human presence & movement) - Switching HVAC on and off (human presence) - Fully automatic / semi-automatic, pushbutton connection, interconnected systems 	<h3>BT IPD</h3> <ul style="list-style-type: none"> - Broadens the range for sensors at all interfaces - Provides information on human presence and light level
<h3>DALI-2 APC</h3> <ul style="list-style-type: none"> - Broadcast/addressable for as many as 64 DALI lights - Up to 3 DALI groups + multizone - Constant-lighting control, basic light level function - Fully automatic / semi-automatic, pushbutton connection, interconnected systems 	<h3>DALI-2 IPD</h3> <ul style="list-style-type: none"> - Connection to higher-order application-controller / fire-alarm system - Delivers information on human presence, light level, temperature and humidity 	
<h3>KNX</h3> <ul style="list-style-type: none"> - 4 light channels / 2 constant-lighting channels - HVAC / Human Presence / Absence - Threshold Controller Temperature and humidity - Dew point alarm, comfort - Logic gate 	<h3>IP</h3> <ul style="list-style-type: none"> - PoE supplies - MQTT, Bacnet and REST API - Delivers information on human presence, light level, temperature and humidity 	

Black is beautiful

Planners and installers now have a choice of colours for motion and presence detectors from STEINEL. Black sensors are now also available for virtually invisible integration into a darker installation environment. These are ideal for modern, rather darker ambiences, such as rooms with a concrete look or black-painted ceilings. They blend in perfectly with the installation environment. In this way, an attractive appearance can be optimally combined with innovative sensor technology.



	IS 3360	IS 345	NM 5000-3	IR Quattro HD 24m	IR Quattro MICRO 6m	IR Quattro SLIM XS 4m	HF 360	True Presence®	Hallway
Concealed installation									
COM1	•			•			•	•	•
KNX	•	•		•				•	•
Surface installation									
COM1	•		•	•				•	•
KNX	•	•							•
Recessed installation									
COM1					•				
KNX					•	•			



12

Modern detail

Black ceilings or ceilings with a concrete look are increasingly finding their way into modern architecture. Especially for this, the black sensors are an important detail in planning and execution.

Currently, 12 motion and presence detectors with different interfaces are available. The range of black sensors is constantly being expanded.

Control PRO II at a glance.

True Presence® True Presence® True Presence® Multisensor True Presence® Multisensor Aerosol KNX V3.0

True Presence® technology

Measured variables	Human presence Light level	Human presence Light level	Human presence Light level, Temperature, Humidity, Air pressure VOC, CO ₂	Human presence Light level, Temperature, Humidity, Air pressure VOC, CO ₂ , Risk of infection
Concealed installation				
COM1	4007841 057923	4007841 068509		
COM2	4007841 057947			
DALI-2 APC	4007841 057961			
DALI-2 IPD				
KNX	4007841 056339	4007841 068516	4007841 056353	4007841 079208
IP	4007841 066031			
BT IPD (Slave)	4007841 064518			
Surface installation				
COM1	4007841 057916	4007841 068493		
COM2	4007841 057930			
DALI-2 APC	4007841 057954			
DALI-2 IPD				
KNX				
IP	4007841 066024			
BT IPD (Slave)	4007841 064525			
Surface-mounting adapter	4007841 063887	4007841 063887	4007841 063887	4007841 063887
Recessed installation				
COM1	4007841 079444			
KNX	4007841 079451			

Control PRO II at a glance.

Multisensor Air Multisensor Aerosol KNX V3.0 Hallway HF360-2 IR Quattro HD-2 24m

True Presence® technology

Measured variables	Light level, Temperature, Humidity, Air pres- sure, VOC, CO ₂	Light level, Tempe- rature, Humidity, Air pressure, VOC, CO ₂ , Risk of infection	Presence function Light level	Presence function Light level, Tempe- rature and Humidity (KNX, DALI-2 IPD, IP)	Presence function Light level, Tempe- rature and Humidity (KNX, DALI-2 IPD, IP)
Concealed installation					
COM1			4007841 057985	4007841 064433	4007841 064310
COM2			4007841 058005	4007841 064242	4007841 064334
DALI-2 APC			4007841 058029	4007841 064266	4007841 064358
DALI-2 IPD			4007841 064532	4007841 064280	4007841 064372
KNX	4007841 056346	4007841 079192	4007841 058036	4007841 064303	4007841 064846
IP			4007841 066161	4007841 065973	4007841 065959
BT IPD (Slave)			4007841 064556	4007841 064419	4007841 064396
Surface installation					
COM1			4007841 057978	4007841 064440	4007841 064327
COM2			4007841 057992	4007841 064259	4007841 064341
DALI-2 APC			4007841 058012	4007841 064273	4007841 064365
DALI-2 IPD			4007841 064549	4007841 064297	4007841 064389
KNX			4007841 064488	4007841 064860	4007841 064853
IP			4007841 066154	4007841 065966	4007841 065942
BT IPD (Slave)			4007841 064563	4007841 064426	4007841 064402
Surface-mounting adapter	4007841 063887	4007841 063887	4007841 063887	4007841 063887	4007841 063887
Recessed installation					
COM1			4007841 079468	4007841 079420	4007841 079406
KNX			4007841 079475	4007841 079437	4007841 079413

Switching capacities



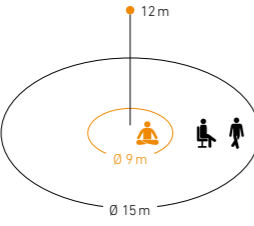

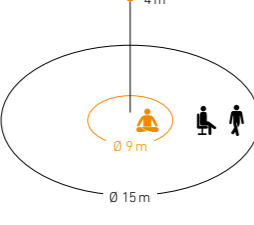
COM1	Max. 2000 W, max. 8x LED
COM 2	Switching output 1: max. 2000 W, max. 8 x LEDs, switching output 2: max. 230 W, max. 1 A
DALI-2 APC	1 x 2-conductor Broadcast control line + addressable for 64 DALI electronic ballasts




Power supply



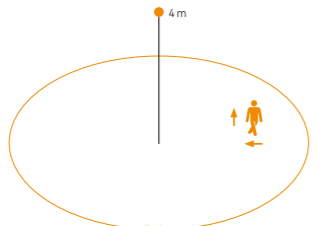
DALI-2 IPD	DALI bus power supply
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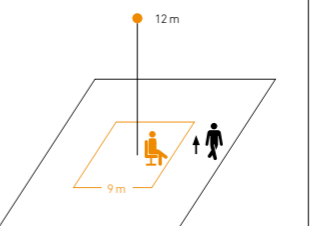
Power supply

KNX	KNX bus power supply
BT IPD Slave	For extending range via Bluetooth
IP	Continuous Power: active PoE nominal voltage V DC (44-57 V DC), <0.95 A or Passive PoE 18-57 V DC, <4 W BACnet, MQTT, REST:API

Product	Detection	Interface	Version	IP rating	EAN
True Presence® Presence detectors  <p>Detection can be configured digitally Wireless interconnection and configuration via Bluetooth. IP and KNX: additional measurement of the temperature and humidity Reach: Radial max. Ø 15 m (177 m²) Tangential max. Ø 15 m (177 m²) Presence max. Ø 15 m (177 m²) True Presence max. Ø 9 m (64 m²) Mounting height: 2.00 – 12.00 m COM1: Output: max. 2000 W (LED-ready) KNX: max. current consumption: 30 mA Dimensions: Concealed installation (UP): max. 52 x 103 x 103 mm - Surface installation (AP): 45 x 123 x 123 mm - Recessed installation: 88 x 103 x 103 mm</p>  	Concealed installation				
	360 °	COM1	White	IP20	4007841 057923
	360 °	COM1	Black	IP20	4007841 068509 ●
	360 °	COM2	White	IP20	4007841 057947
	360 °	DALI-2 APC	White	IP20	4007841 057961 ●
	360 °	KNX V3.0	White	IP20	4007841 056339
	360 °	KNX V3.0	Black	IP20	4007841 068516 ●
	360 °	IP	White	IP20	4007841 066031 ●
	360 °	BT IPD (slave)	White	IP20	4007841 064518 ●
	Surface installation				
	360 °	COM1	White	IP54	4007841 057916
	360 °	COM1	Black	IP54	4007841 068493 ●
	360 °	COM2	White	IP54	4007841 057930
	360 °	DALI-2 APC	White	IP54	4007841 057954 ●
	360 °	IP	White	IP20	4007841 066024 ●
	360 °	BT IPD (slave)	White	IP54	4007841 064525 ●
	Recessed installation				
	360 °	COM1	White	IP20	4007841 079444 ●
	360 °	KNX V3.0	White	IP20	4007841 079451 ●
Surface-mounting adapter KNX					
		White		4007841 063887	
True Presence® Multisensor KNX Presence detector and air quality sensor  	360 °	KNX V3.0	Concealed installation	IP20	4007841 056353
	Aerosol version				
	360 °	KNX V3.0	Concealed installation	IP20	4007841 079208 ●
	Surface-mounting adapter KNX				
			White		4007841 063870
Digitally adjustable detection, configuration via Bluetooth Additional measurement of the temperature, humidity, air pressure, CO ₂ , volatile organic compounds (VOC). Aerosol version: Alert regarding potential risk of infection as a communication object. Reach: Radial max. Ø 15 m (177 m ²) Tangential max. Ø 15 m (177 m ²) Presence max. Ø 15 m (177 m ²), True Presence max. Ø 9 m (64 m ²) Mounting height: 2.00 – 4.00 m KNX: max. current consumption: 40 mA Dimensions: 33 x 123 x 123 mm					

Product	Detection	Interface	Version	IP rating	EAN	
Multisensor Air KNX Air quality sensor 		KNX V3.0	Concealed installation	IP20	4007841 056346	
	Aerosol version					
		KNX V3.0	Concealed installation	IP20	4007841 079192 ●	
	Surface-mounting adapter KNX					
			White		4007841 063870	
	Configuration via Bluetooth. Multisensor for measuring light level, temperature, humidity, air pressure, CO ₂ , volatile organic compounds (VOC). Aerosol version: Alert regarding potential risk of infection as a communication object. Mounting height: 4.00 m KNX: max. current consumption: 15 mA Dimensions: 33 x 123 x 123 mm					
	Hallway High-frequency hallway & corridor presence detector  	Concealed installation				
		360 °	COM1	White	IP20	4007841 057985
		360 °	COM2	White	IP20	4007841 058005
		360 °	DALI-2 APC	White	IP20	4007841 058029 ●
360 °		DALI-2 IPD	White	IP20	4007841 064532 ●	
360 °		KNX V3.5	White	IP20	4007841 058036	
360 °		KNX V3.5	Black	IP20	4007841 082079 ●	
360 °		IP	White	IP20	4007841 066161 ●	
360 °		BT IPD (slave)	White	IP20	4007841 064556 ●	
Surface installation						
360 °		COM1	White	IP54	4007841 057978	
360 °		COM2	White	IP54	4007841 057992	
360 °		DALI-2 APC	White	IP54	4007841 058012 ●	
360 °		DALI-2 IPD	White	IP54	4007841 064549 ●	
360 °	KNX V3.5	White	IP20	4007841 064488		
360 °	KNX V3.5	Black	IP20	4007841 082062 ●		
360 °	IP	White	IP20	4007841 066154 ●		
360 °	BT IPD (slave)	White	IP54	4007841 064563 ●		
Recessed installation						
360 °	COM1	White	IP20	4007841 079468 ●		
360 °	KNX V3.5	White	IP20	4007841 079475 ●		
Wireless interconnection and configuration via Bluetooth. IP, KNX, DALI-2 IPD: additional measurement of the temperature and humidity Reach: Radial max. 25 x 3 m (75 m ²), tangential max. 25 x 3 m (75 m ²) Mounting height: 2.00 – 4.00 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 13 DALI users (25 mA) KNX: max. current consumption: 30 mA Dimensions: Concealed installation: max. 68 x 103 x 103 mm - surface installation: 62 x 123 x 123 mm - recessed installation: 105 x 103 x 103 mm						

Product	Detection	Interface	Version	IP rating	EAN
HF 360-2 High-frequency presence detector  <p>Digitally adjustable detection. Wireless interconnection and configuration via Bluetooth.</p> <p>IP, KNX, DALI-2 IPD: additional measurement of the temperature and humidity</p> <p>Reach: Radial max. Ø 12 m (113 m²), tangential max. Ø 12 m (113 m²)</p> <p>Mounting height: 2.50 – 4.00 m</p> <p>COM1: Output: max. 2000 W (LED-ready)</p> <p>DALI-2 IPD: Current consumption 11 DALI users (21 mA)</p> <p>KNX: max. current consumption: 30 mA</p> <p>Dimensions: Concealed installation (UP): max. 65 x 103 x 103 mm - Surface installation (AP): 57 x 123 x 123 mm - Recessed installation: 61 x 103 x 103 mm</p>  	Concealed installation				
	360 °	COM1	White	IP20	4007841 064433
	360 °	COM2	White	IP20	4007841 064242
	360 °	DALI-2 APC	White	IP20	4007841 064266
	360 °	DALI-2 IPD	White	IP20	4007841 064280
	360 °	KNX V3.5	White	IP20	4007841 064303
	360 °	IP	White	IP20	4007841 065973
	360 °	BT IPD (slave)	White	IP20	4007841 064419
	Surface installation				
	360 °	COM1	White	IP54	4007841 064440
	360 °	COM2	White	IP54	4007841 064259
	360 °	DALI-2 APC	White	IP54	4007841 064273
	360 °	DALI-2 IPD	White	IP20	4007841 064297
	360 °	KNX V3.5	White	IP20	4007841 064860
	360 °	IP	White	IP20	4007841 065966
	360 °	BT IPD (slave)	White	IP54	4007841 064426
	Recessed installation				
	360 °	COM1	White	IP20	4007841 079420
	360 °	KNX V3.5	White	IP20	4007841 079437

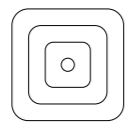
Product	Detection	Interface	Version	IP rating	EAN
IR Quattro HD-2 24m Infrared presence detector  <p>Digitally adjustable detection. Wireless interconnection and configuration via Bluetooth.</p> <p>IP, KNX, DALI-2 IPD: additional measurement of the temperature and humidity</p> <p>Switching zones: 5.200 Switching zones</p> <p>Reach: Radial max. 9 x 9 m (81 m²) Tangential max. 24 x 24 m (576 m²) Presence max. 9 x 9 m (81 m²)</p> <p>Mounting height: 2.50 – 12.00 m</p> <p>COM1: Output: max. 2000 W (LED-ready)</p> <p>Dimensions: Concealed installation (UP): max. 72 x 103 x 103 mm - Surface installation (AP): 64 x 123 x 123 mm - Recessed installation: 61 x 103 x 103 mm</p>  	Concealed installation				
	360 °	COM1	White	IP20	4007841 064310
	360 °	COM2	White	IP20	4007841 064334
	360 °	DALI-2 APC	White	IP20	4007841 064358
	360 °	DALI-2 IPD	White	IP20	4007841 064372
	360 °	KNX V3.5	White	IP20	4007841 064846
	360 °	IP	White	IP20	4007841 065959
	360 °	BT IPD (slave)	White	IP20	4007841 064396
	Surface installation				
	360 °	COM1	White	IP54	4007841 064327
	360 °	COM2	White	IP54	4007841 064341
	360 °	DALI-2 APC	White	IP54	4007841 064365
	360 °	DALI-2 IPD	White	IP20	4007841 064389
	360 °	KNX V3.5	White	IP20	4007841 064853
	360 °	IP	White	IP20	4007841 065942
	360 °	BT IPD (slave)	White	IP54	4007841 064402
	Recessed installation				
	360 °	COM1	White	IP20	4007841 079406
	360 °	KNX V3.5	White	IP20	4007841 079413

Control PRO. The all-rounders when it comes to detecting human presence.

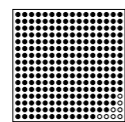
Presence detectors are used for different purposes depending on room type and general conditions. Offices, classrooms, conference rooms, warehouses, sports halls or particularly high spaces place different demands on the detection zones that sensors cover. The Control PRO System uses infrared, high-frequency and ultrasonic sensor technology to cover the range of applications in the best way possible, enabling it to accommodate any spatial situation. Projecting a mere 4 mm from the surface, our micro sensors are predestined for use when systems installed on the ceiling almost need to be inconspicuous.



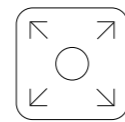
IR Quattro HD



Square detection zone



4800 switching zones



Mechanically scalable



Hotel Industry
Human presence switch rather than light switch



Office & Work Environments
Virtually hidden from view when installed



Residential Construction
High-frequency technology for long corridors



Schools & Learning
High-precision detection of movements



Industry & Logistics
Dense sensor network with just a few sensors

4800

Switching zones for detecting the slightest of movements

64 m²

Square detection zone, mechanically scalable

iQ mode

Self-programming, automatic stay-ON time

Control PRO at a glance						
	IR Quattro HD 24m	IR Quattro 8m	IR Quattro MICRO 6m	IR Quattro SLIM 4m	IR Quattro SLIM XS 4m	IR MICRO
Technology	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared
Concealed installation						
COM1	4007841 002794	4007841 000349			4007841 032951	
COM2	4007841 002770	4007841 000356				
DALI-2 APC	4007841 002756	4007841 002749				
DALI-2 IPD	4007841 057497				4007841 057510	4007841 057732
KNX V3.1	4007841 058470	4007841 058487			4007841 058500	
Surface installation						
COM1	4007841 592400	4007841 592301				
DALI plus	4007841 035273					
Recessed						
COM1	4007841 079369	4007841 079345	4007841 053789			
DALI-2 APC	4007841 079376	4007841 079529				
DALI-2 IPD		4007841 079352	4007841 053871			
DALI plus	4007841 035204					
KNX V3.1	4007841 079383	4007841 079390	4007841 064129	4007841 058494		

Control PRO at a glance						
	HF 360	Dual HF	DualTech	US 360	Dual US	Single US
Technology	High frequency	High frequency	Infrared + ultrasonic	Ultrasonic	Ultrasonic	Ultrasonic
Concealed installation						
COM1	4007841 002800	4007841 002978	4007841 007997	4007841 007935	4007841 007843	
COM2	4007841 002848		4007841 008000	4007841 007942		
DALI-2 APC	4007841 002817	4007841 003005				
DALI-2 IPD	4007841 057480	4007841 057459	4007841 057473	4007841 057534	4007841 057466	4007841 057503
KNX V3.1	4007841 059484	4007841 059477	4007841 059521	4007841 059514	4007841 059491	4007841 059507
Surface installation						
COM1	4007841 751302	4007841 590703				
DALI plus						
Recessed						
COM1	4007841 079512	4007841 079482	4007841 079574	4007841 079611	4007841 079598	
DALI-2 APC	4007841 079529	4007841 079499				
DALI-2 IPD						
DALI plus						
KNX V3.1	4007841 079536	4007841 079505	4007841 079581	4007841 079628	4007841 079604	

Switching capacities


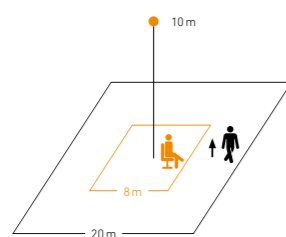

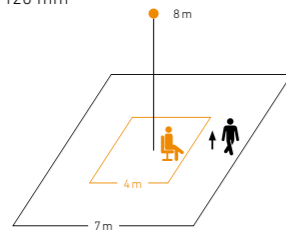
COM1	See product
COM2	Switching output 1: max. 2000 W, max. 8 x LEDs, switching output 2: max. 230 W, max. 1 A
DALI-2 APC	Broadcast control line for 2 x 12 electronic ballasts
DALI plus	DALI addressable for 3 groups / up to 64 DALI electronic ballasts


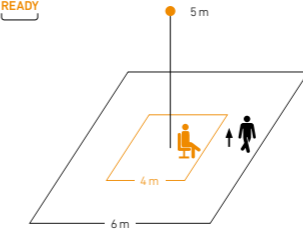

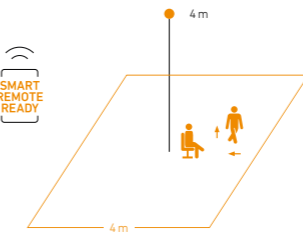

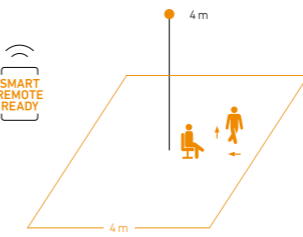

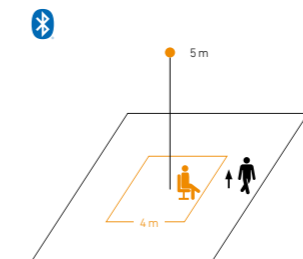

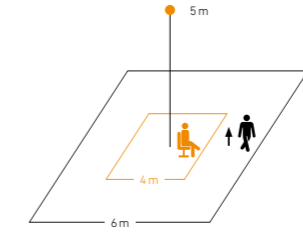
Power supply


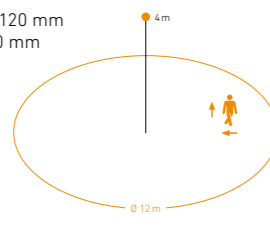

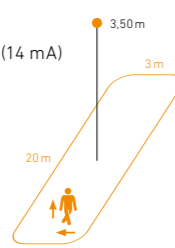

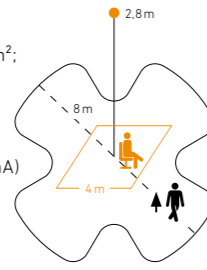
KNX	KNX bus power supply
DALI-2 IPD	DALI bus power supply


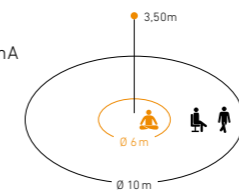

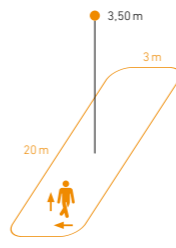

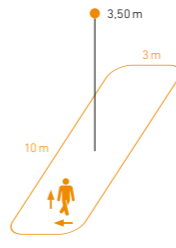
IR MICRO Office		
DALI-2 APC	Concealed	4007841 067151
DALI-2 APC	Surface	4007841 067137
DALI-2 APC	Recessed	4007841 067144

IR Quattro HD, black		
COM1	Concealed	4007841 068608
COM1	Surface	4007841 068615
KNX V3.1	Recessed	4007841 068622
IR Quattro MICRO, black		
COM1	Recessed	4007841 068639
KNX V3.1	Recessed	4007841 068646

Product	Detection	Interface	Version	IP rating	EAN
IR Quattro HD 24m Infrared presence detector  <p>Scalable square detection zone Switching zones: 4800 switching zones Reach: Radial max. 8 x 8 m (64 m²) Tangential max. 20 x 20 m (400 m²) Presence max. 8 x 8 m (64 m²) Mounting height: 2.50 – 10.00 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 4 DALI users (8 mA) KNX: max. current consumption: 10 mA Dimensions: Concealed installation (UP): max. 70 x 120 x 120 mm - Surface installation (AP): 65 x 120 x 120 mm - Recessed installation: 119 x 120 x 120 mm</p> 	Concealed installation				
	360 °	COM1	White	IP20	4007841 002794
	360 °	COM1	Black	IP20	4007841 068608
	360 °	COM2	White	IP20	4007841 002770
	360 °	DALI-2 APC	White	IP20	4007841 002756
	360 °	DALI-2 IPD	White	IP20	4007841 057497
	360 °	KNX V3.1	White	IP20	4007841 058470
	360 °	KNX V3.1	Black	IP20	4007841 068622
	Surface installation				
	360 °	COM1	White	IP20	4007841 592400
	360 °	COM1	Black	IP20	4007841 068615
	360 °	DALI plus	White	IP20	4007841 035273
	Recessed installation				
	360 °	COM1	White	IP20	4007841 079369
	360 °	KNX V3.1	White	IP20	4007841 079383
	360 °	DALI-2 APC	White	IP20	4007841 079376
	360 °	DALI plus	White	IP20	4007841 035204
	IR Quattro 8m Infrared presence detector  <p>Scalable square detection zone Switching zones: 1760 switching zones Reach: Radial max. 5 x 5 m (25 m²) Tangential max. 7 x 7 m (49 m²) Presence max. 4 x 4 m (16 m²) Mounting height: 2.50 – 8.00 m COM1: Output: max. 2000 W (LED-ready) KNX: max. current consumption: 10 mA Dimensions: Conc. install. (UP): max. 76 x 120 x 120 mm - Surface installation (AP): 71 x 120 x 120 mm - Recessed installation: 113 x 120 x 120 mm</p> 	Concealed installation			
360 °		COM1	White	IP20	4007841 000349
360 °		COM2	White	IP20	4007841 000356
360 °		DALI-2 APC	White	IP20	4007841 002749
360 °		KNX V3.1	White	IP20	4007841 058487
Surface installation					
360 °		COM1	White	IP20	4007841 592301
Recessed installation					
360 °		COM1	White	IP20	4007841 079345
360 °		DALI-2 APC	White	IP20	4007841 079352
360 °		KNX V3.1	White	IP20	4007841 079390

Product	Detection	Interface	Version	IP rating	EAN	
IR Quattro MICRO 6m Infrared presence detector  	Recessed installation					
	360 °	COM1	White	IP65	4007841 053789	
	360 °	COM1	Black	IP65	4007841 068639	
	360 °	DALI-2 IPD	White	IP65	4007841 053871	
	360 °	KNX V3.1	White	IP65	4007841 064129	
	360 °	KNX V3.1	Black	IP65	4007841 068646	
	Square detection zone Reach: Radial max. 4 x 4 m (16 m ²); tangential max. 6 x 6 m (36 m ²); presence max. 4 x 4 m (16 m ²), Mounting height: 2.00 – 5.00 m COM1: Output: max. 1000 W (LED-ready); DALI-2 IPD: Current consumption 2 DALI users (4 mA) KNX: max. current consumption: 10 mA, Dimensions: Ø 43 x 75 mm					
	Recessed installation					
	360 °	KNX V3.1	White	IP20	4007841 058494	
	6 m extension cable, 4 P4C plugs, RJ10 coupler					
		Black		4007841 006419		
Square detection zone. Overall height of just 4 mm. Reach: Radial max. 4 x 4 m (16 m ²); tangential max. 4 x 4 m (16 m ²); presence max. 4 x 4 m (16 m ²), Mounting height: 2.50 – 4 m KNX: max. current consumption: 10 mA Dimensions: 55 x 77 x 77 mm						
IR Quattro SLIM 4m Infrared presence detector  	Recessed installation					
	360 °	KNX V3.1	White	IP20	4007841 058494	
	6 m extension cable, 4 P4C plugs, RJ10 coupler					
			Black		4007841 006419	
	Square detection zone. Overall height of just 4 mm. Reach: Radial max. 4 x 4 m (16 m ²); tangential max. 4 x 4 m (16 m ²); presence max. 4 x 4 m (16 m ²), Mounting height: 2.50 – 4 m KNX: max. current consumption: 10 mA Dimensions: 55 x 77 x 77 mm					
	IR Quattro SLIM XS 4m Infrared presence detector  	Concealed installation				
		360 °	COM1	White	IP20	4007841 032951
		360 °	DALI-2 IPD	White	IP20	4007841 057510
		360 °	KNX V3.1	Black	IP20	4007841 082260
		360 °	KNX V3.1	White	IP20	4007841 058500
Square detection zone. Overall height of just 6 mm, incl. round trim Reach: Radial max. 4 x 4 m (16 m ²); tangential max. 4 x 4 m (16 m ²); presence max. 4 x 4 m (16 m ²), Mounting height: 2.50 – 4.00 m COM1: Output: max. 1000 W (LED-ready); DALI-2 IPD: Current consumption 2 DALI users (4 mA) KNX: max. current consumption: 10 mA, Dimensions: max. 55 x 80 x 80 mm						
IR Micro Office Infrared presence detector  		Concealed installation				
		360 °	DALI-2 APC	White	IP20	4007841 067151
		Surface installation				
		360 °	DALI-2 APC	White	IP20	4007841 067137
	Recessed installation					
	360 °	DALI-2 APC	White	IP20	4007841 067144	
	Square detection zone. patented multi-segment pyro sensor Switching zones: 168 switching zones, Reach: Radial max. 4 x 4 m (16 m ²); tangential max. 6 x 6 m (36 m ²); presence max. 4 x 4 m (16 m ²), Mounting height: 2.00 – 5.00 m, Dimensions: Conc. install.: 85 x 37 mm- surface installation: 106 x 45 mm- ceiling installation: 85 x 69 mm					
	IR Micro Infrared presence detector  	Concealed installation				
		360 °	DALI-2 IPD	White	IP20	4007841 057732
		Square detection zone Reach: Radial max. 4 x 4 m (16 m ²); tangential max. 6 x 6 m (36 m ²); presence max. 4 x 4 m (16 m ²) Mounting height: 2.00 – 5.00 m DALI-2 IPD: Current consumption 2 DALI users (4 mA) Dimensions: Ø 80 x 21 mm				

Product	Detection	Interface	Version	IP rating	EAN	
HF 360 High-frequency presence detector  <p>Reach: Radial max. Ø 12 m (113 m²); Tangential max. Ø 12 m (113 m²) Mounting height: 2.50 – 3.50 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 5 DALI users (10 mA) KNX: max. current consumption: 30 mA Dimensions: Concealed installation (UP): max. 56 x 120 x 120 mm Surface installation (AP): 51 x 120 x 120 mm Recessed installation: 94 x 120 x 120 mm</p> 	Concealed installation					
	360 °	COM1	White	IP20	4007841 002800	
	360 °	COM2	White	IP20	4007841 002848	
	360 °	DALI-2 APC	White	IP20	4007841 002817	
	360 °	DALI-2 IPD	White	IP20	4007841 057480	
	360 °	KNX V3.1	Black	IP20	4007841 082277	
	360 °	KNX V3.1	White	IP20	4007841 059484	
	Surface installation					
	360 °	COM1	White	IP20	4007841 751302	
	Recessed installation					
	360 °	COM1	White	IP20	4007841 079512	
	360 °	DALI-2 APC	White	IP20	4007841 079529	
	360 °	KNX V3.1	White	IP20	4007841 079536	
	Dual HF High-frequency hallway & corridor presence detector  <p>Reach: Radial max. 20 x 3 m (60 m²); Tangential max. 20 x 3 m (60 m²) Mounting height: 2.50 – 3.50 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 7 DALI users (14 mA) KNX: max. current consumption: 30 mA Dimensions: Conc. install. (UP): max. 74 x 120 x 120 mm Surface installation (AP): 70 x 120 x 120 mm Recessed installation: 122 x 120 x 120 mm</p> 	Concealed installation				
		360 °	COM1	White	IP20	4007841 002978
360 °		DALI-2 APC	White	IP20	4007841 003005	
360 °		DALI-2 IPD	White	IP20	4007841 057459	
360 °		KNX V3.1	White	IP20	4007841 059477	
Surface installation						
360 °		COM1	White	IP20	4007841 590703	
Recessed installation						
360 °		COM1	White	IP20	4007841 079482	
360 °		DALI-2 APC	White	IP20	4007841 079499	
360 °		KNX V3.1	White	IP20	4007841 079505	
DualTech Ultrasonic and infrared presence detector  <p>Reach: Radial max. ultrasonic: Ø 10 m (79 m²); Tangential max. ultrasonic: Ø 10 m (79 m²); Presence max. ultrasonic: Ø 6 m (28 m²) Mounting height: 2.50 – 3.50 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Curr. cons. 12 DALI users (24 mA) KNX: max. current consumption: 17.5 mA Dimensions: Concealed installation mounting: 66 x 120 x 120 mm Recessed installation: 103 x 120 x 120 mm</p> 		Concealed installation				
		360 °	COM1	White	IP20	4007841 007997
		360 °	COM2	White	IP20	4007841 008000
		360 °	DALI-2 IPD	White	IP20	4007841 057473
	360 °	KNX V3.1	White	IP20	4007841 059521	
	Recessed installation					
	360 °	COM1	White	IP20	4007841 079574	
	360 °	KNX V3.1	White	IP20	4007841 079581	

Product	Detection	Interface	Version	IP rating	EAN	
US 360 Ultrasonic presence detector  <p>Reach: Radial max. Ø 10 m (79 m²); Tangential max. Ø 10 m (79 m²) Presence max. Ø 6 m (28 m²) Mounting height: 2.50 – 3.50 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 12 DALI users (24 mA) KNX: max. current consumption: 17.5 mA Dimensions: Concealed installation: 68 x 120 x 120 mm Recessed installation: 105 x 120 x 120 mm</p> 	Concealed installation					
	360 °	COM1	White	IP20	4007841 007935	
	360 °	COM2	White	IP20	4007841 007942	
	360 °	DALI-2 IPD	White	IP20	4007841 057534	
	360 °	KNX V3.1	White	IP20	4007841 059514	
	Recessed installation					
	360 °	COM1	White	IP20	4007841 079611	
	360 °	KNX V3.1	White	IP20	4007841 079628	
	Dual US Ultrasonic presence detector  <p>Reach: Radial max. 20 x 3 m (60 m²); Tangential max. 20 x 3 m (60 m²) Mounting height: 2.50 – 3.50 m COM1: Output: max. 2000 W (LED-ready) DALI-2 IPD: Current consumption 12 DALI users (24 mA) KNX: max. current consumption: 17.5 mA Dimensions: Conc. install. (UP): max. 71 x 120 x 120 mm Recessed installation: 109 x 120 x 120 mm</p> 	Concealed installation				
		360 °	COM1	White	IP20	4007841 007843
		360 °	DALI-2 IPD	White	IP20	4007841 057466
		360 °	KNX V3.1	White	IP20	4007841 059491
		Recessed installation				
		360 °	COM1	White	IP20	4007841 079598
		360 °	KNX V3.1	White	IP20	4007841 079604
Single US Ultrasonic presence detector  <p>Reach: Radial max. 10 x 3 m (30 m²); Tangential max. 10 x 3 m (30 m²) Mounting height: 2.50 – 3.50 m DALI-2 IPD: Current consumption 10 DALI users (20 mA) KNX: max. current consumption: 15 mA Dimensions: 71 x 120 x 120 mm</p> 		Concealed installation				
		180 °	KNX V3.1	White	IP20	4007841 059507
		180 °	DALI-2 IPD	White	IP20	4007841 057503

Presence Switch. Switches on any lamp without flickering.

Back to the future. Modern lamps make sense, they are fun and in the process of making their mark felt everywhere. Yet, unfortunately, the combination of conventional sensor switches and energy-saving lamps often results in flickering. Trouble-free, reduced power consumption is only possible here by using halogen lamps. STEINEL now offers a solution to this problem. The IR 180 UNIVERSAL features a super-capacitor and cable electrically isolated via a relay to prevent leakage current. As a result, any lamp can be switched on without flickering. A small invention with great effect and a true global first.













IR 180 UNIVERSAL

	Halogen	T5	LED	CFL
IR 180 Universal	•	•	•	•
Conventional 2-wire switch	•	–	–	–

Compatible with all common switch series

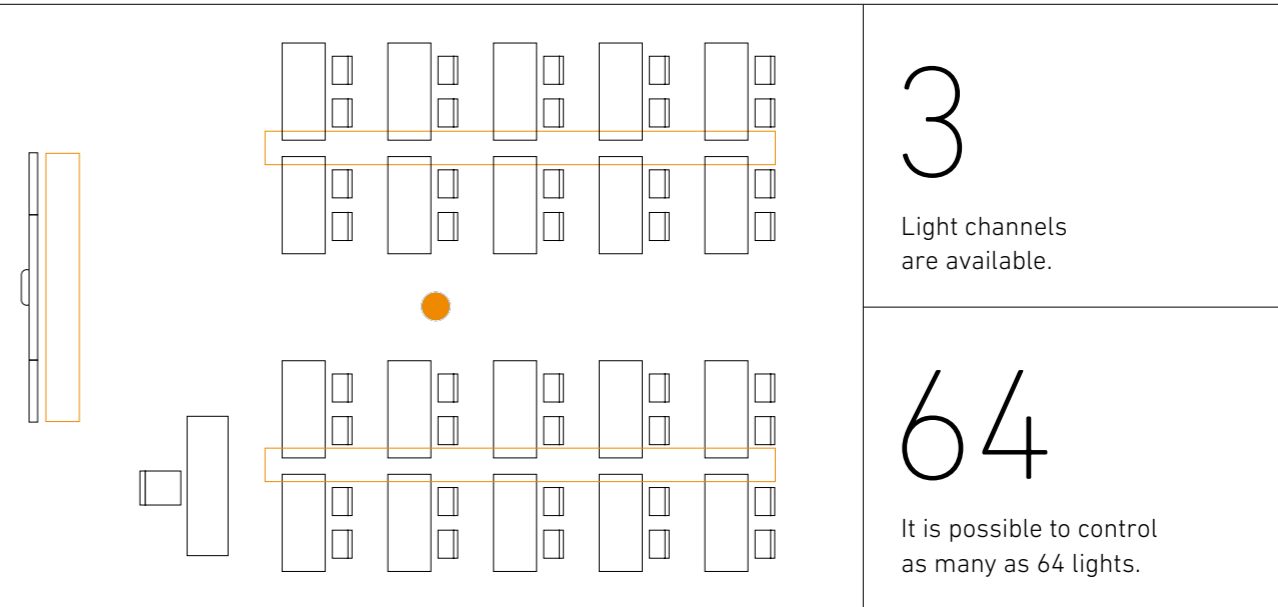
Product	Detection	Interface	Version	IP rating	EAN
IR 180 UNIVERSAL Infrared presence switch 	180 °	COM1	White	IP20	4007841 033149
	With 2-wire cabling. 0 W power consumption in stand-by mode, for any lamp Reach: Radial max. r = 4 m (25 m ²) Tangential max. r = 20 m (628 m ²) Presence max. r = 4 m (25 m ²) Mounting height: 1.10 – 1.20 m COM1: Output: max. 200 W (LED-ready) Dimensions: 30 x 80 x 80 mm				
IR 180 Infrared presence switch 	180 °	COM1	White	IP20	4007841 029944
	180 °	KNX V3.1	White	IP20	4007841 058463
With 3-wire cabling. KNX: additional measurement of the temperature and humidity Reach: Radial max. r = 4 m (25 m ²) Tangential max. r = 20 m (628 m ²) Presence max. r = 4 m (25 m ²) Mounting height: 1.10 – 1.20 m COM1: Output: max. 2000 W (LED-ready) KNX: max. current consumption: 12.5 mA Dimensions: 30 x 80 x 80 mm					
HF 180 High-frequency presence switch 	180 °	COM1	White	IP20	4007841 032883
	180 °	KNX V3.1	White	IP20	4007841 059460
With 3-wire cabling. KNX: additional measurement of the temperature and humidity Reach: Radial max. r = 8 m (101 m ²) Tangential max. r = 8 m (101 m ²) Mounting height: 1.20 – 2.20 m COM1: Output: max. 2000 W (LED-ready) KNX: max. current consumption: 12.5 mA Dimensions: 30 x 80 x 80 mm					

Product	Detection	Interface	Version	IP rating	EAN
Adapter frame For IR/HF 180 	Busch-Jaeger (carat / solo / Busch accent / future linear / pure stainless steel)				
	White	4007841 034139			
	Jung (A500 / AS500)				
	White	4007841 034184			
	Feller (EDIZIOdue)				
For integrating into surrounds from switch manufacturers Busch-Jaeger, Jung and Feller					
RC5 Remote control 	Black	4007841 592806			
	Saves 2 lighting scenarios, each with light dimming function, permanent light ON/OFF. For: IR Quattro HD, IR Quattro, IR Quattro SLIM, IR Quattro SLIM XS, IR Quattro MICRO, HF 360, Dual HF, DualTech, US 360, Dual US, Single US, IR 180 UNIVERSAL, IR 180, HF 180				
RC8 Remote control 	Black	4007841 559410			
	Twilight setting, stay-ON times, teach-in, sensitivity, reach (HF). For: IR Quattro HD, IR Quattro, IR Quattro SLIM, IR Quattro SLIM XS, IR Quattro MICRO, HF 360, Dual HF, DualTech, US 360, Dual US, Single US, IR 180 UNIVERSAL, IR 180, HF 180				
RC6 KNX Remote control 	Black	4007841 593018			
	Twilight setting, stay-ON times, teach-in, sensitivity, reach (HF), basic brightness, HVAC switch-ON delay, light sensor calibration. For: IR Quattro HD KNX, IR Quattro KNX, IR Quattro SLIM KNX, IR Quattro SLIM XS KNX, IR Quattro MICRO KNX, HF 360 KNX, Dual HF KNX, DualTech KNX, US 360 KNX, Single US KNX, Dual US KNX, HF 180 KNX, IR 180 KNX				
RC7 KNX Remote control 	Black	4007841 592912			
	Light dimming function, permanent light ON/OFF, saves 4 KNX scenarios. For: IR Quattro HD KNX, IR Quattro KNX, IR Quattro SLIM KNX, IR Quattro SLIM XS KNX, IR Quattro MICRO KNX, HF 360 KNX, Dual HF KNX, DualTech KNX, US 360 KNX, Single US KNX, Dual US KNX, HF 180 KNX, IR 180 KNX				

Product	Detection	Interface	Version	IP rating	EAN
Smart Remote Remote control 	Black	4007841 009151			
	For controlling lights and sensors via smartphone or tablet. Replaces remote controls RC1 - RC12. Including 2 x batteries, type AAA.				
Guard cage Control PRO 	White	4007841 003036			
	Protection from damage, e.g. through balls or vandalism				
Surface-mounting adapter Control PRO AP Box (IP54) 	White	4007841 000363			
	Black	4007841 082031			
	IP54. Easy Surface installation with 4 x cable entry and large terminal compartment.				
HF ceiling adapter 	White	4007841 006600			
	For suspended ceilings. Concealed installation				
Recessed installation adapter 	White	4007841 079543			
	Enables ceiling installation of the Control PRO, Control PRO II and 3000 series.				

Pure intelligence – installed in a single sensor.

The intelligent IR Quattro HD DALI plus presence detector is the brains of the DALI plus system. With a mounting height of 2.5 to 10 metres, it can be used anywhere. It has 3 lighting channels (DALI addressable) and can control up to 64 lights. There is also the option of operating the 64 lights in broadcast mode (factory setting). It also is equipped with an additional floating relay. Everything can be operated via 4 pushbutton interfaces (lighting channels: ON/OFF, dimming). Relay contact: ON/OFF in lighting mode). All configurations, including constant-lighting control and variable basic light functions, can be controlled via Smart Remote for added user convenience.



Product	Detection	Interface	Version	IP rating	EAN
IR Quattro HD DALI plus Infrared presence detector	360 °	DALI plus	Inceiling	IP20	4007841 035204
	360 °	DALI plus	Surface installation	IP20	4007841 035273

Scalable square detection zone
Switching zones: 4800 switching zones
Reach: Radial max. 8 x 8 m (64 m²)
Tangential max. 20 x 20 m (400 m²)
Presence max. 8 x 8 m (64 m²)
Mounting height: 2.50 – 10.00 m
Dimensions: Concealed installation: max. 70 x 120 x 120 mm - Surface installation (AP): 65 x 120 x 120 mm - Installation: 124 x 120 x 120 mm

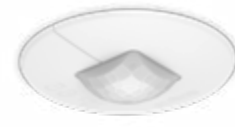
DALI-2 - the new benchmark

Application Controller (APC)



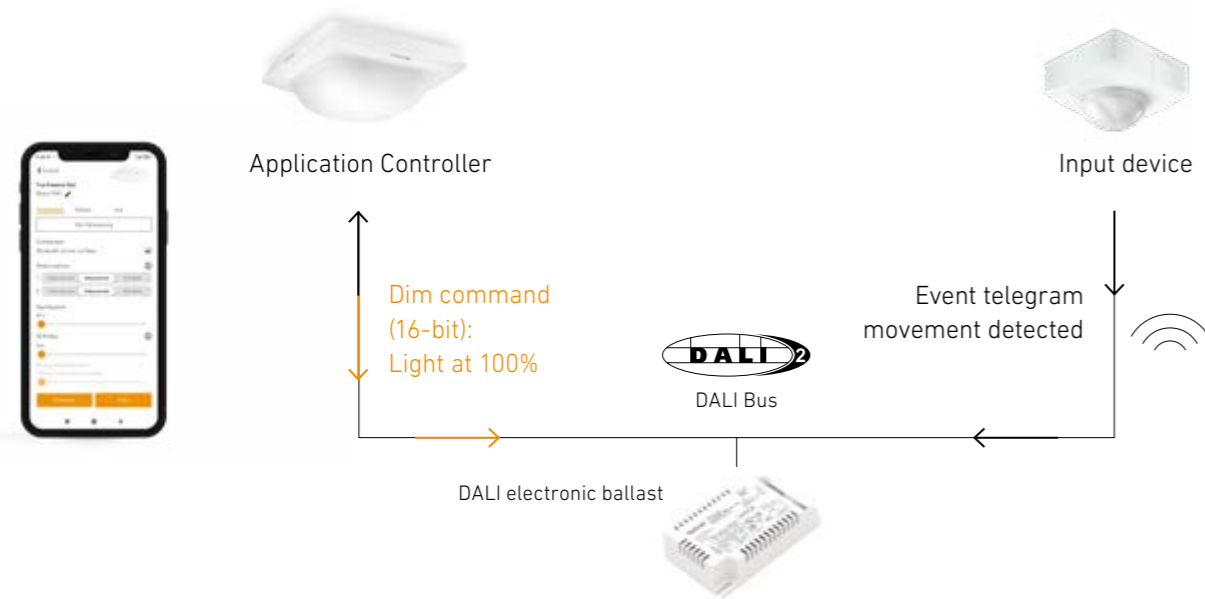
- Decision maker in the system
- Commissions and configures the system
- Controls the light via direct commands to the operating devices

Input Device (IPD)

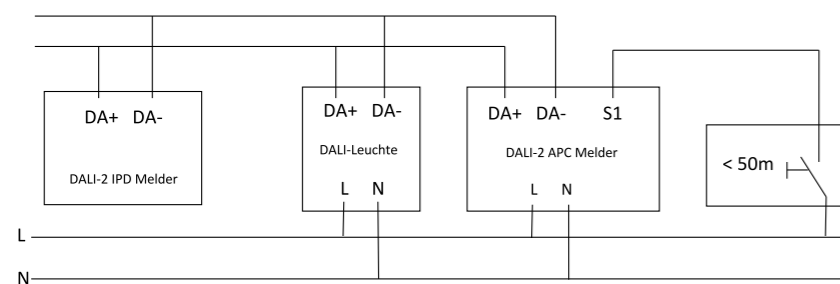


- Pure input device (data supplier)
- Informs the system about changes in the environment and user entries
- Compatible with automation interfaces
- Only sends event messages without instruction

Communication between APC and IPD



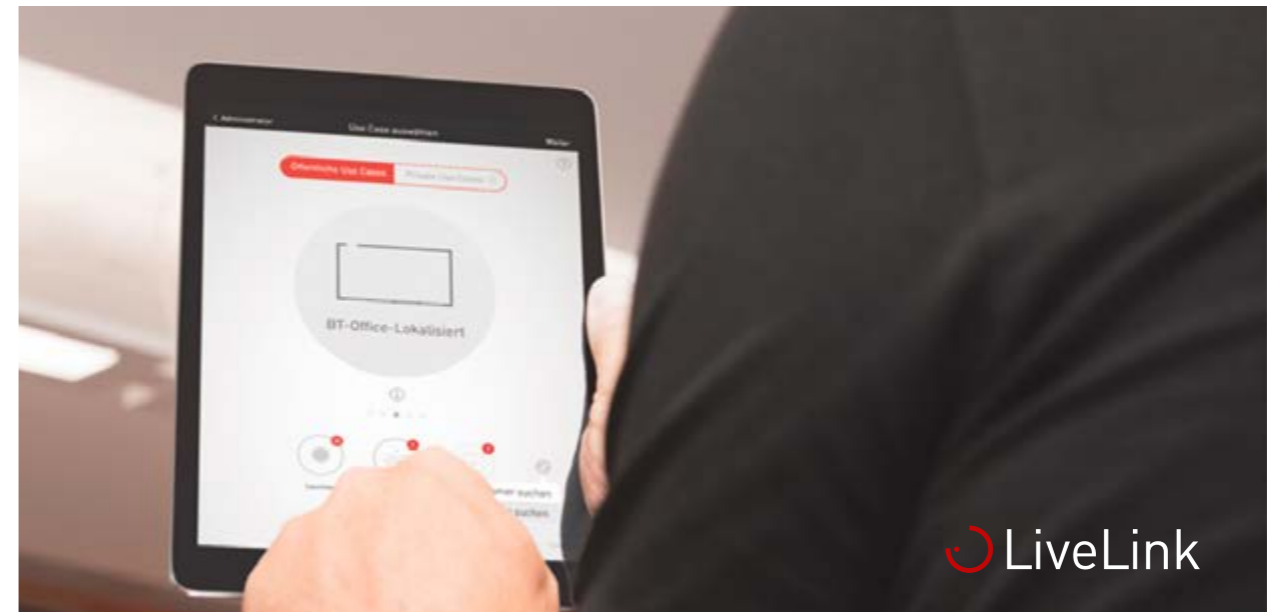
DALI-2 APC connection



<p>65</p> <p>Certified DALI-2 products</p>	<p>APC</p> <p>Application controller – with bus supply</p>	<p>IPD</p> <p>Input device – e.g. motion detectors</p>
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Product	DALI users	Detection	Interface	Version	IP rating	EAN
Motion detector						
IS 3360 (square)	3 (6 mA)	360°	DALI-2 IPD	Surface installation	IP54	4007841 057237
		360°	DALI-2 IPD	Concealed installation	IP20	4007841 057244
IS 3360 (round)	3 (6 mA)	360°	DALI-2 IPD	Surface installation	IP54	4007841 057251
		360°	DALI-2 IPD	Concealed installation	IP20	4007841 057268
IS 345 (square)	3 (6 mA)	360°	DALI-2 IPD	Surface installation	IP54	4007841 057275
		360°	DALI-2 IPD	installation Concealed	IP20	4007841 057282
IS 345 (round)	3 (6 mA)	360°	DALI-2 IPD	Surface installation	IP54	4007841 057299
		360°	DALI-2 IPD	Concealed installation	IP20	4007841 057305
HF 3360 (square)	5 (10 mA)	360°	DALI-2 IPD	Surface installation	IP54	4007841 057312
		360°	DALI-2 IPD	installation Concealed	IP20	4007841 057336
HF 3360 (round)	5 (10 mA)	360°	DALI-2 IPD	Surface installation	IP54	4007841 057329
		360°	DALI-2 IPD	Concealed installation	IP20	4007841 057343
IS 3180	3 (6 mA)	180°	DALI-2 IPD	Surface installation	IP54	4007841 057350
		180°	DALI-2 IPD	Concealed installation	IP20	4007841 057367
IS 3360 MX Highbay	3 (6 mA)	360°	DALI-2 IPD	Square	IP54	4007841 057374
IS 345 MX Highbay	3 (6 mA)	360°	DALI-2 IPD	Square	IP54	4007841 057398
Presence detector Control PRO						
IR Quattro HD 24m	4 (8 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057497
IR Quattro MICRO 4m	2 (4 mA)	360°	DALI-2 IPD	Recessed	IP65	4007841 053871
IR Quattro SLIM XS4 m	2 (4 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057510
IR Micro	2 (4 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057732
HF 360	5 (10 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057480
Dual HF	7 (14 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057459
DualTech	12 (24 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057473
US 360	12 (24 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057534
Dual US	12 (24 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 057466
Single US	10 (20 mA)	180°	DALI-2 IPD	Concealed installation	IP20	4007841 057503
Presence detector Control PRO II						
Hallway	13 (25 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 064532
		360°	DALI-2 IPD	Surface installation	IP54	4007841 064549
IR Quattro HD-2 24m		360°	DALI-2 IPD	Concealed installation	IP20	4007841 064372
		360°	DALI-2 IPD	Surface installation	IP54	4007841 064389
HF 360-2	11 (21 mA)	360°	DALI-2 IPD	Concealed installation	IP20	4007841 064280
		360°	DALI-2 IPD	Surface installation	IP20	4007841 064297
						




LiveLink – The intelligent room lighting system



LiveLink – Simple and intuitive. Using the LiveLink lighting management system, DALI-based sensors and lights can be integrated into a sensor-controlled lighting concept. Incident daylight can also be taken into account. Depending on intensity, the light is dimmed or switched off completely.

STEINEL DALI-2 IPD sensors – perfect for LiveLink

Product	Detection	Interface	Version	IP rating	EAN
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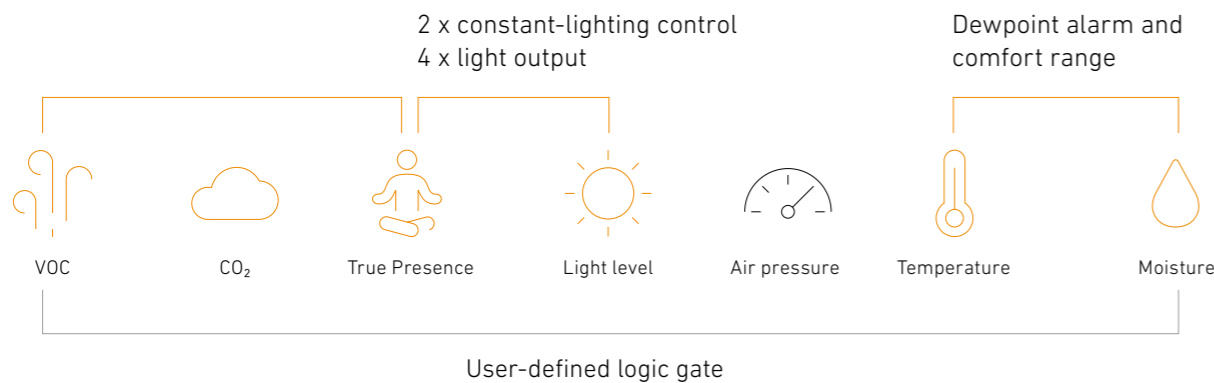
LiveLink Control device 	LiveLink Control Box				
	LiveLink	White			4007841 013653
WiFi Connect 	WiFi Connect				
	LiveLink	White			4007841 035129
Switch coupler 4x DALI 	White				4007841 013660
For integrating further switches into a LiveLink system. Maximum 4 standard switches per device.					

KNX V3.1. Extended KNX application.

Helping system integrators find their way around the programming process more quickly, we have structured the applications for True Presence®, Control Pro, the 3000 series and the sensIQ family in a similar way. Now in place are the latest functions, such as sensitivity adjustment for PIR sensors, constant light programming, selecting data-point types, day/night switching, human absence output and the creation of user-defined logic gates.



True Presence® multisensor



Hotel Industry
True Presence®



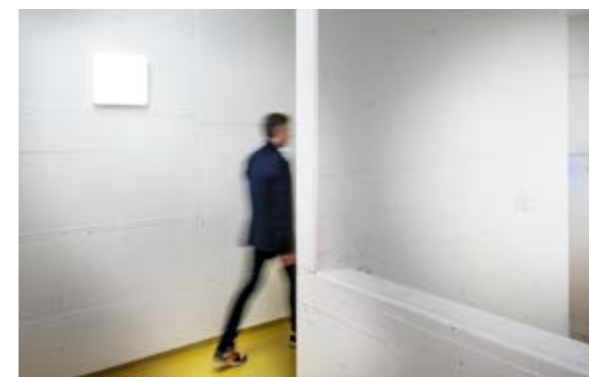
Office & Work Environments
True Presence®



Residential Construction
Hallway



Schools & Learning
IR Quattro HD-2



Parking & Transportation
HF 360-2



Industry & Logistics
IR Quattro HD-2

26

KNX human presence and motion detector

0 | 1

Logic gate for intelligent building automation.

Teach

Constant light programming

Product		Detection	Interface	Current consumpt.	Version	IP rating	EAN
Motion detector							
iHF 3D	black	160°	KNX V3.5	30 mA	Surface	IP54	4007841 059637
	white	160°	KNX V3.5	30 mA	Surface	IP54	4007841 059644
	anthrazit	160°	KNX V3.5	30 mA	Surface	IP54	4007841 059620
sensIQ	black	300°	KNX V3.1	10 mA	Surface	IP54	4007841 059552
	white	300°	KNX V3.1	10 mA	Surface	IP54	4007841 059576
	anthrazit	300°	KNX V3.1	10 mA	Surface	IP54	4007841 059538
sensIQ S	black	300°	KNX V3.1	10 mA	Surface	IP54	4007841 059606
	white	300°	KNX V3.1	10 mA	Surface	IP54	4007841 059613
	anthrazit	300°	KNX V3.1	10 mA	Surface	IP54	4007841 059583
IS 3360 (square)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058166
	black	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 068561
	white	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 058173
	black	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 068578
	white	360°	KNX V3.1	12,5 mA	Recessed	IP20	4007841 079642
IS 3360 (round)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058180
	black	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 068585
	white	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 058197
	black	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 068592
	white	360°	KNX V3.1	12,5 mA	Recessed	IP20	4007841 079666
IS 345 (square)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058258
	white	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 058265
IS 345 (round)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058272
	white	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 058289
HF 3360 (square)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058210
	white	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 058227
HF 3360 (round)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058234
	white	360°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 058241
IS 3180 (square)	white	180°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058135
	white	180°	KNX V3.1	12,5 mA	Concealed	IP20	4007841 058142
IS 3360 MX Highbay (square)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058364
IS 345 MX Highbay (square)	white	360°	KNX V3.1	12,5 mA	Surface	IP54	4007841 058296
Light Sensor Dual (round)	white	–	KNX V3.1	12,5 mA	Concealed	IP54	4007841 058326
Light Sensor Dual (round)	white	–	KNX V3.1	12,5 mA	Concealed	IP54	4007841 058340

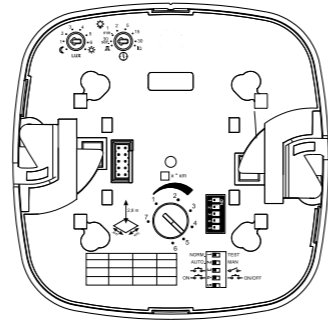
Product		Detection	Interface	Current consumpt.	Version	IP rating	EAN
Optical sensor							
HPD 2	white	110°	KNX	10 mA	Surface	IP20	4007841 033200
Presence detector Control PRO II							
True Presence®	white	360°	KNX V3.0	30 mA	Concealed	IP20	4007841 056339
	black	360°	KNX V3.0	30 mA	Concealed	IP20	4007841 068516
	white	360°	KNX V3.0	30 mA	Recessed	IP20	4007841 079451
True Presence® Multisensor	white	360°	KNX V3.0	40 mA	Concealed	IP20	4007841 056353
True Presence® Multisensor Aerosol KNX	white	360°	KNX V3.0	40 mA	Concealed	IP20	4007841 079208
Multisensor Air KNX	white	–	KNX V3.0	15 mA	Concealed	IP20	4007841 056346
Multisensor Aerosol KNX	white	–	KNX V3.0	15 mA	Concealed	IP20	4007841 079192
Hallway	white	360°	KNX V3.5	30 mA	Concealed	IP20	4007841 058036
	white	360°	KNX V3.5	30 mA	Surface	IP20	4007841 064488
	white	360°	KNX V3.5	30 mA	Recessed	IP20	4007841 079475
HF 360-2	white	360°	KNX V3.5	30 mA	Concealed	IP20	4007841 064303
	white	360°	KNX V3.5	30 mA	Surface	IP20	4007841 064860
	white	360°	KNX V3.5	30 mA	Recessed	IP20	4007841 079437
IR Quattro HD-2 24m	white	360°	KNX V3.5	10 mA	Surface	IP20	4007841 064853
	white	360°	KNX V3.5	10 mA	Recessed	IP20	4007841 079413
Presence detector Control PRO							
IR Quattro HD 24m	white	360°	KNX V3.1	10 mA	Concealed	IP20	4007841 058470
	black	360°	KNX V3.1	10 mA	Concealed	IP20	4007841 068622
	white	360°	KNX V3.1	10 mA	Recessed	IP20	4007841 079383
IR Quattro 8m	white	360°	KNX V3.1	10 mA	Concealed	IP20	4007841 058487
	white	360°	KNX V3.1	10 mA	Recessed	IP20	4007841 079390
IR Quattro MICRO 6 m	white	360°	KNX V3.1	10 mA	Recessed	IP65	4007841 064129
	black	360°	KNX V3.1	10 mA	Recessed	IP65	4007841 068646
	white	360°	KNX V3.1	10 mA	Recessed	IP65	4007841 064129
IR Quattro SLIM 4m	white	360°	KNX V3.1	10 mA	Recessed	IP20	4007841 058494
IR Quattro SLIM XS 4m	white	360°	KNX V3.1	10 mA	Concealed	IP20	4007841 058500
	white	360°	KNX V3.1	30 mA	Concealed	IP20	4007841 059484
HF 360	white	360°	KNX V3.1	30 mA	Concealed	IP20	4007841 059484
	white	360°	KNX V3.1	30 mA	Recessed	IP20	4007841 079536
Dual HF	white	360°	KNX V3.1	30 mA	Concealed	IP20	4007841 059477
	white	360°	KNX V3.1	30 mA	Recessed	IP20	4007841 079505
DualTech	white	360°	KNX V3.1	17,5 mA	Concealed	IP20	4007841 059521
	white	360°	KNX V3.1	17,5 mA	Recessed	IP20	4007841 079581
US 360	white	360°	KNX V3.1	17,5 mA	Concealed	IP20	4007841 059514
	white	360°	KNX V3.1	17,5 mA	Recessed	IP20	4007841 079628
Dual US	white	360°	KNX V3.1	17,5 mA	Concealed	IP20	4007841 059491
	white	360°	KNX V3.1	17,5 mA	Recessed	IP20	4007841 079604
Single US	white	180°	KNX V3.1	15 mA	Concealed	IP20	4007841 059507
Presence switch							
IR 180	white	180°	KNX V3.1	12,5 mA	Recessed	IP20	4007841 058463
HF 180	white	180°	KNX V3.1	12,5 mA	Recessed	IP20	4007841 059460

Interfaces and wiring diagrams
Human presence detectors / switches

COM1 – COM1, surface installation
Switching light

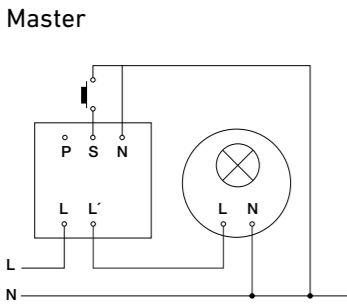
Power supply
220-240 V, 50 / 60 Hz

Time setting
30 sec – 30 min, pulse mode (approx. 2 sec),
IQ mode (automatic adjustment to usage profile)
5 sec - 60 min for IR Quattro SLIM XS / MICRO

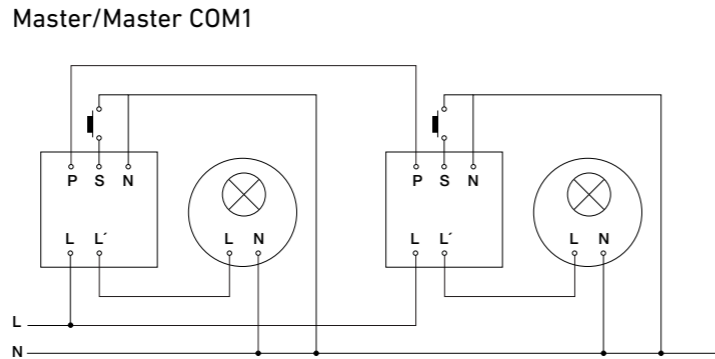


Output
Incandescent / halogen lamp load 2000 W (IR Quattro SLIM XS / MICRO: 1000 W)
Fluorescent-lamp electronic ballasts 1500 W (IR Quattro SLIM XS: 400 W / MICRO: 500 W)
Fluorescent-lamps, uncorrected 1000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 400 VA)
Fluorescent-lamps, series-corrected 1000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 400 VA)
Fluorescent lamps, parallel-corrected 1000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 400 VA)
Low-voltage halogen lamps 2000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 1000 VA)
LED < 2 W 100 W (IR Quattro SLIM XS: 16 W)
2 W < LED < 8 W 300 W (IR Quattro SLIM XS: 64 W)
LED > 8 W 600 W (IR Quattro SLIM XS: 64 W)
Capacitive load 176 µF

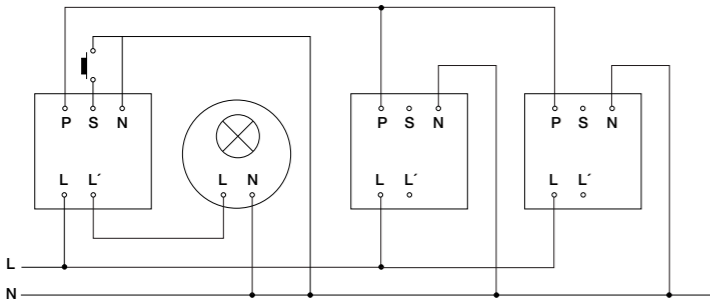
Master



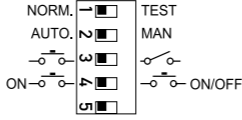
Master/Master COM1



Master/Slave COM1

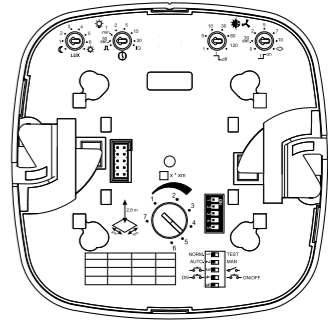


DIP switches



DIP-switch assignment
DIP 1: normal/test mode
DIP 2: semi-/fully automatic mode
DIP 3: pushbutton/switch mode
DIP 4: ON pushbutton / ON-OFF pushbutton

COM2
Switching light & HVA (heating/ventilation/air-conditioning)



Power supply
220-240 V, 50 / 60 Hz

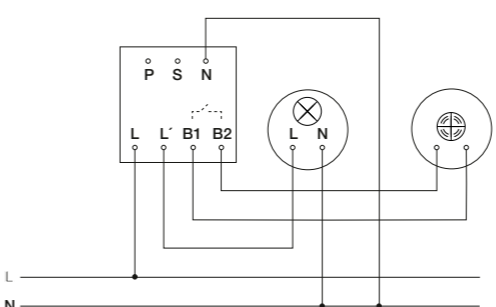
Time setting for switching contact 1
30 sec – 30 min, pulse mode (approx. 2 sec), IQ mode (automatic adjustment to usage profile)

Time setting for switching contact 2
automatic room surveillance
0 sec – 10 min ON delay
1 min – 2 hrs stay-ON time

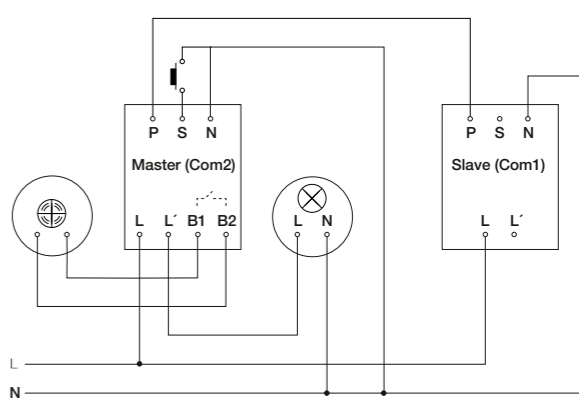
Output
Incandescent / halogen lamp load 2000 W (IR Quattro SLIM XS / MICRO: 1000 W)
Fluorescent-lamp electronic ballasts 1500 W (IR Quattro SLIM XS: 400 W / MICRO: 500 W)
Fluorescent-lamps, uncorrected 1000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 400 VA)
Fluorescent-lamps, series-corrected 1000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 400 VA)
Fluorescent lamps, parallel-corrected 1000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 400 VA)
Low-voltage halogen lamps 2000 VA (IR Quattro SLIM XS: 500 VA / MICRO: 1000 VA)
LED < 2 W 100 W (IR Quattro SLIM XS: 16 W)
2 W < LED < 8 W 300 W (IR Quattro SLIM XS: 64 W)
LED > 8 W 600 W (IR Quattro SLIM XS: 64 W)
Capacitive load 176 µF

Output, switching contact 2 Presence
max. 230 W / 230 V
1A max. (cos φ = 1) for HVAC (heating/ventilation/air-conditioning)

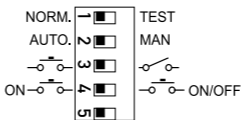
Master



Master/Master COM1



DIP switches



DIP-switch assignment
DIP 1: normal/test mode
DIP 2: semi-/fully automatic mode
DIP 3: pushbutton/switch mode
DIP 4: ON pushbutton / ON-OFF pushbutton

Interfaces and wiring diagrams

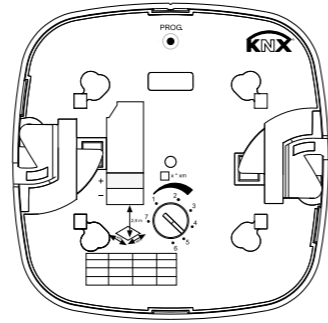
Human presence detectors / switches

KNX
Digital bus interface

Power supply via KNX bus voltage (SELV)

Settings via ETS software, remote control or bus











Functions
Light output 4x, constant-lighting control, basic light level function, human presence output, HVAC output, light level, sabotage human presence switch only: integrated pushbutton, temperature output humidity output)

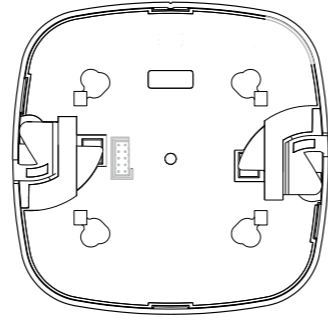


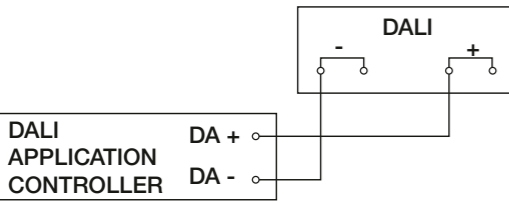
DALI-2 input device

Communication of information on human presence and light level to a DALI application controller or fire-alarm system

Power consumption

IR Quattro HD	8 mA / 4 DALI users, 12-22.5 V, 
IR Quattro SLIM XS	4 mA / 2 DALI users, 12-22.5 V, 
IR Quattro MICRO	4 mA / 2 DALI users, 12-22.5 V, 
IR Micro	4 mA / 2 DALI users, 12-22.5 V, 
Dual HF	17 mA / 7 DALI users, 12-22.5 V, 
HF 360	10 mA / 5 DALI users, 12-22.5 V, 
US 360	24 mA / 12 users, 12-22.5 V, 
Single US	20 mA / 10 users 12-22.5 V, 
DualTech	24 mA / 12 users 12-22.5 V, 
Dual US	24 mA / 12 users 12-22. V, 





Attention, works within the Control PRO 1 series only with the IR Quattro HD DALIplus

DALI-2 application controller

Digital DIM interface

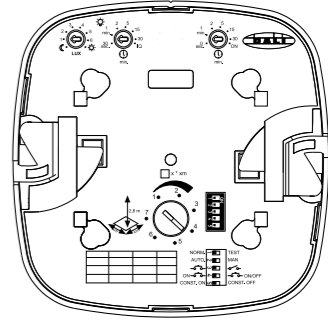
Power supply
220-240 V, 50 / 60 Hz

Time setting for switching contact 1
30 sec - 30 min,
IQ mode (automatic adjustment to usage profile)

Control output
DALI output 1:
2-core DALI control cable / broadcast
DALI output 2:
2-core DALI control cable / broadcast
Controllable DALI electronic ballasts:
12 DALI electronic ballasts per output

Basic light level: 0 sec – 30 min
10–60% via RC8

Constant-lighting control



Control output

DALI output 1:
2-core DALI control cable / broadcast

DALI output 2:
2-core DALI control cable / broadcast

Controllable DALI electronic ballasts:
12 DALI electronic ballasts per output

Basic light level: 0 sec – 30 min
10–60% via RC8

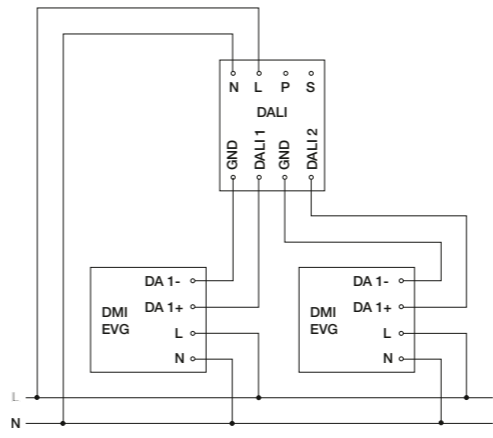
Constant-lighting control

DIP switches

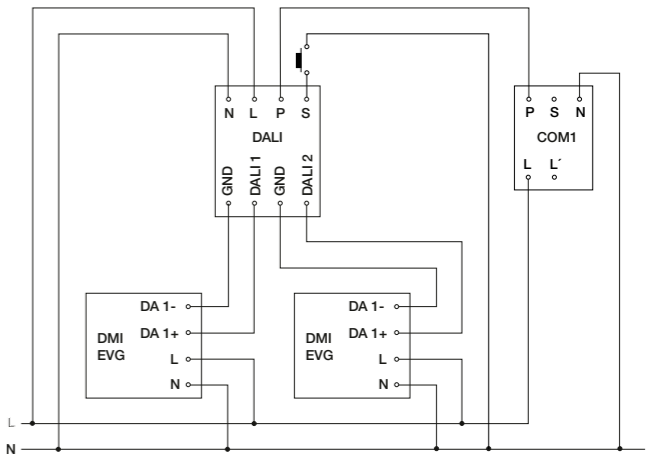
NORM.		TEST
AUTO.		MAN
ON-OFF		ON/OFF
CONST. ON		CONST. OFF

DIP-switch assignment
DIP 1: normal/test mode
DIP 2: semi/fully automatic mode
DIP 3: pushbutton/switch mode
DIP 4: ON pushbutton / ON-OFF pushbutton
DIP 5: constant-lighting control ON-OFF (DIM/DALI)

Master

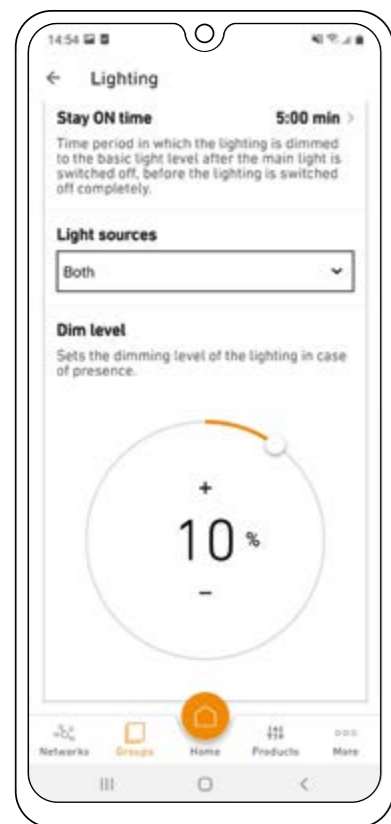


Master/Slave COM1



The future is Bluetooth

As a globally acknowledged standard for wireless data communications, Bluetooth is used by virtually every smartphone user. It is easy to use and transmission is encrypted without any gateway. And in the audio domain, the high level of communication security is a valued aspect. All reasons that left us in no doubt. In the meantime, over 100 STEINEL products can be adjusted, controlled and interconnected via Bluetooth. For greater versatility, convenience and energy efficiency.



STEINEL Connect App

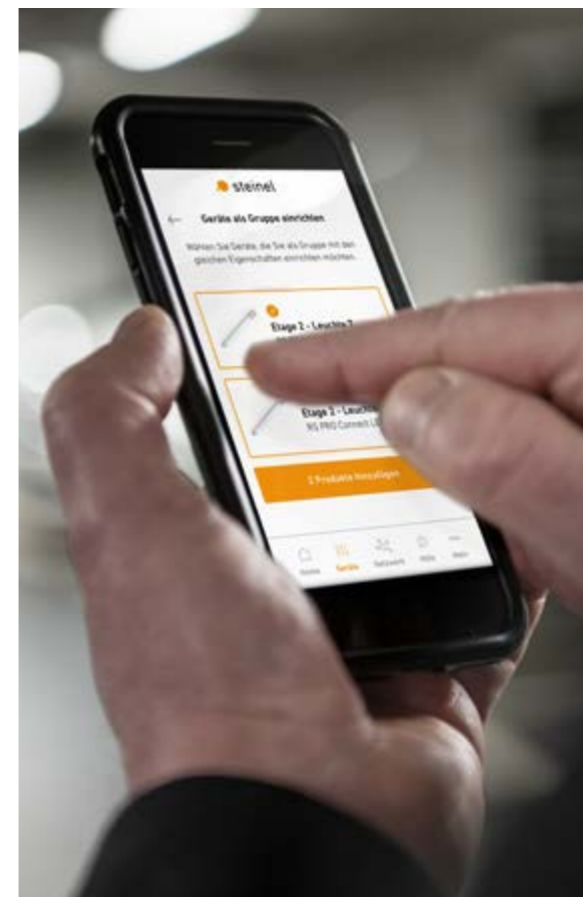
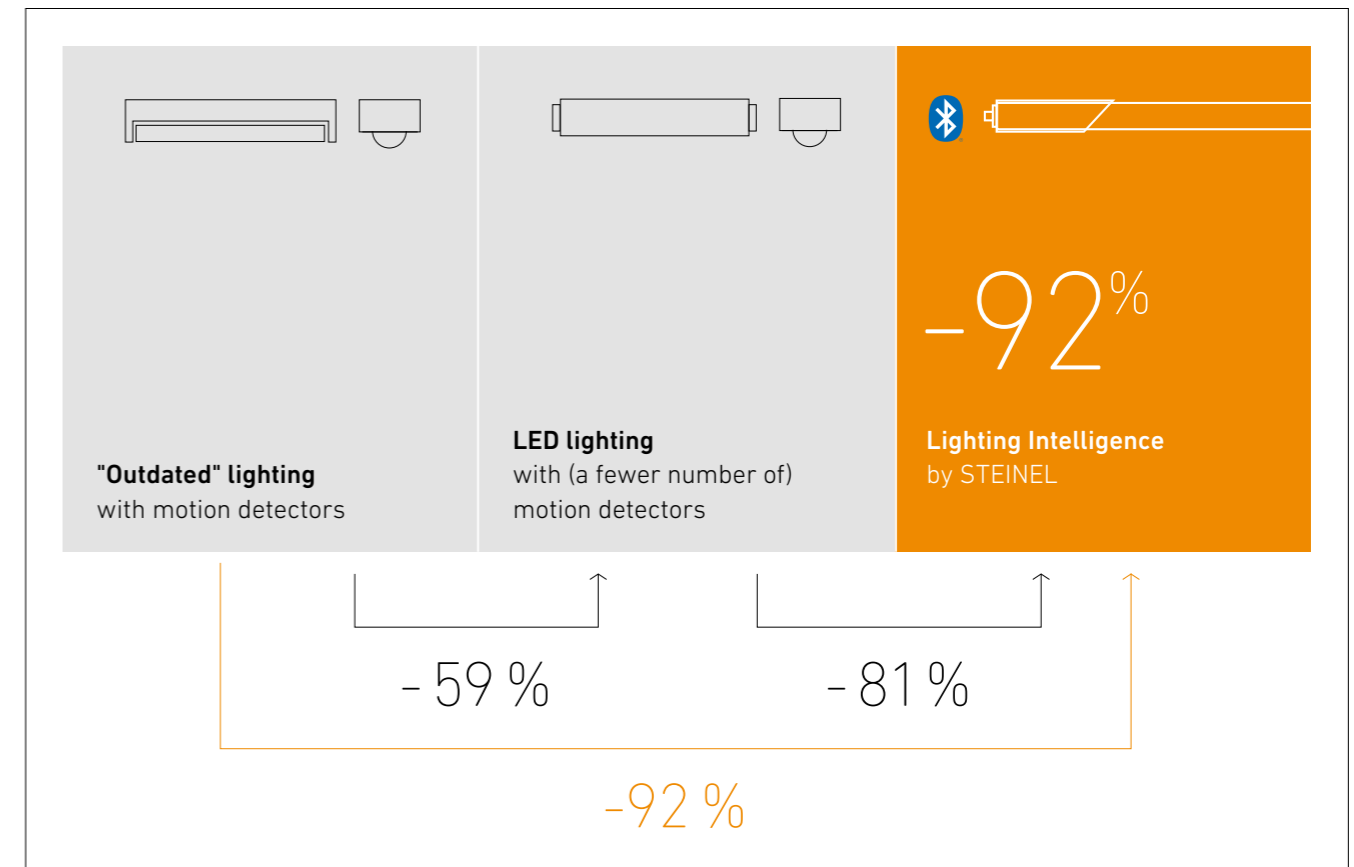
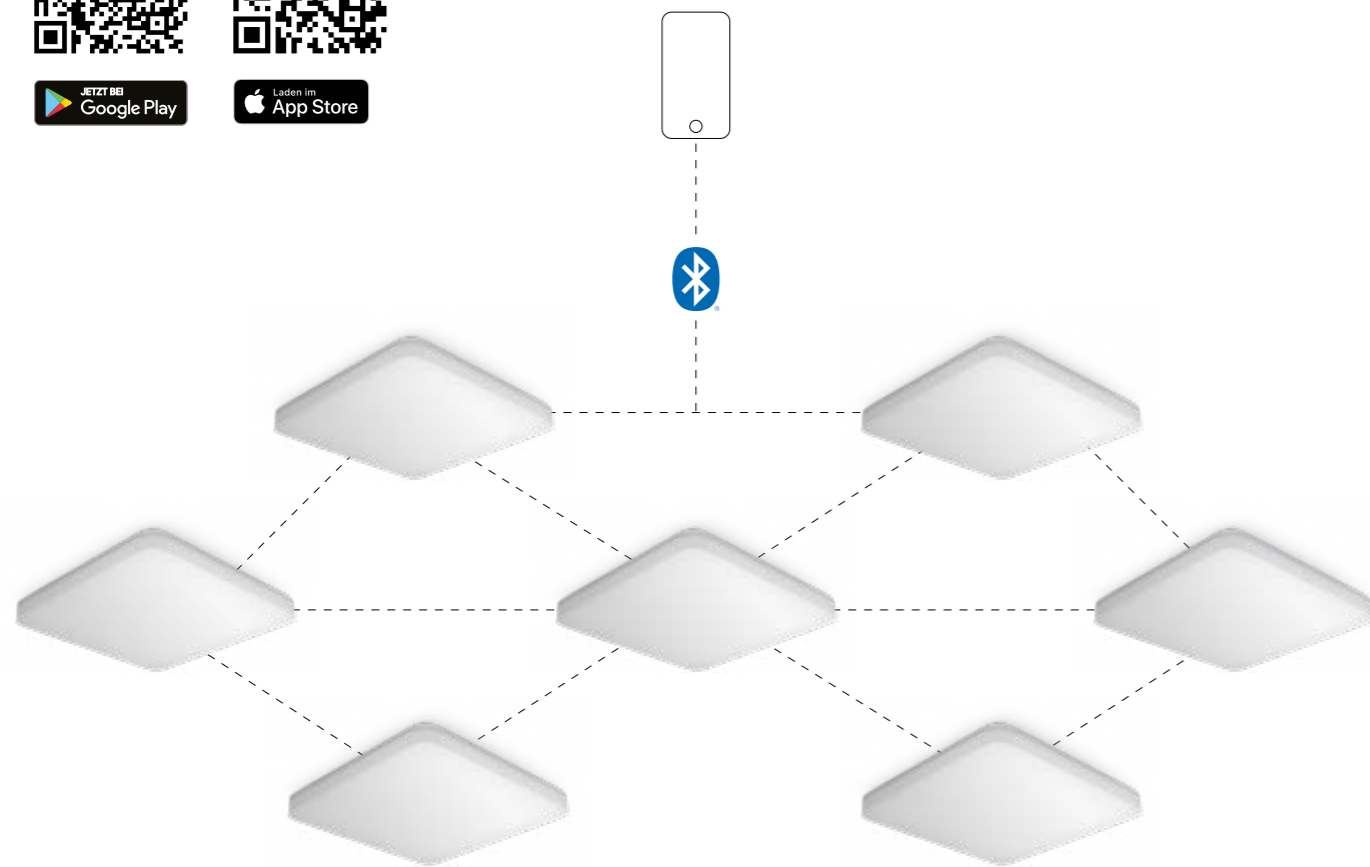
With the STEINEL Connect App, specific values such as range or basic light can be conveniently entered and networks as well as groups or neighbouring groups can be created. This eliminates the need for controls on the product itself. All settings settings are visible at a glance.



<h1>>100</h1> <p>STEINEL Bluetooth Produkte</p>		 iHF 3D	 IS 180 digi HD
 True Presence®	 Hallway	 HF360-2	 IR Quattro HD-2
 R 10 SC	 R 20 SC	 R 30 SC	 R 20 Q SC
 R 30 Q SC	 S 10 SC	 S 20 SC	 S 30 SC
 S 30 Q SC	 5100 / 5150 SC		 GL 85-600/900 SC
 L 825 SC	 L 845 SC		

Intelligence is good. Connected intelligence is better.

Modern LED lighting combined with motion detectors alone can save a lot of energy. But a lot more can be achieved. To do it, the LED lights and motion detectors must be integrated into a carefully considered lighting-management system. Intelligently controlled and grouped, this produces a further potential saving of up to 81%. Light intelligence by STEINEL based on Bluetooth. Smart lighting control has never made it easier to provide straightforward connectivity as well as high sensor density. **The new STEINEL Connect App is now available especially for Bluetooth Mesh products.**



Easily interconnected and controlled
Via Bluetooth with free app



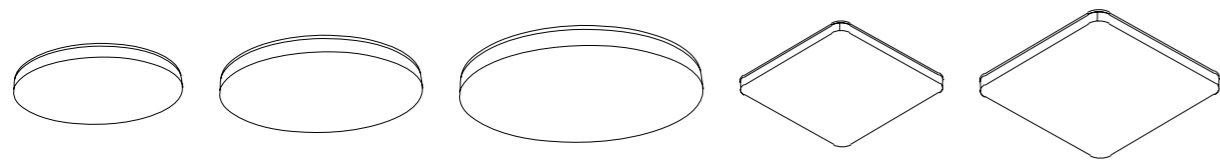
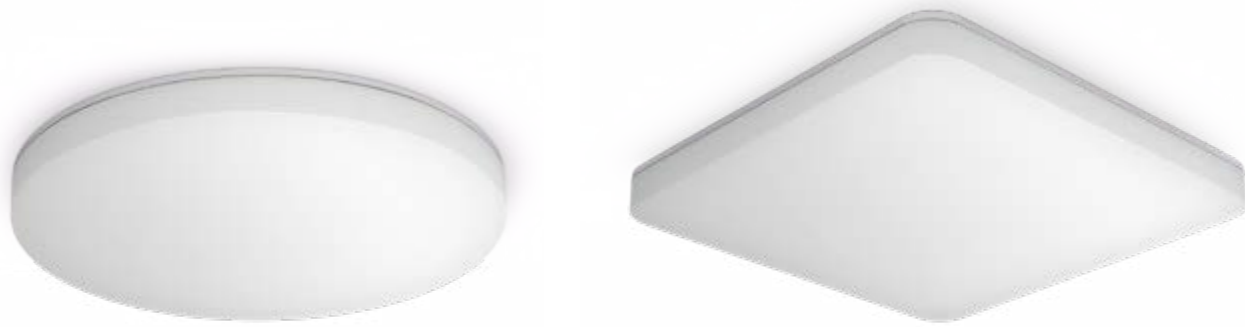
Parking & Transportation
Wireless interconnection with stairwells



Residential Construction
Maximum user convenience from min. energy consumption

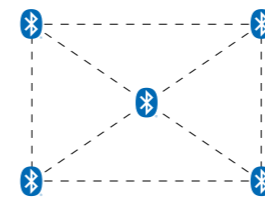
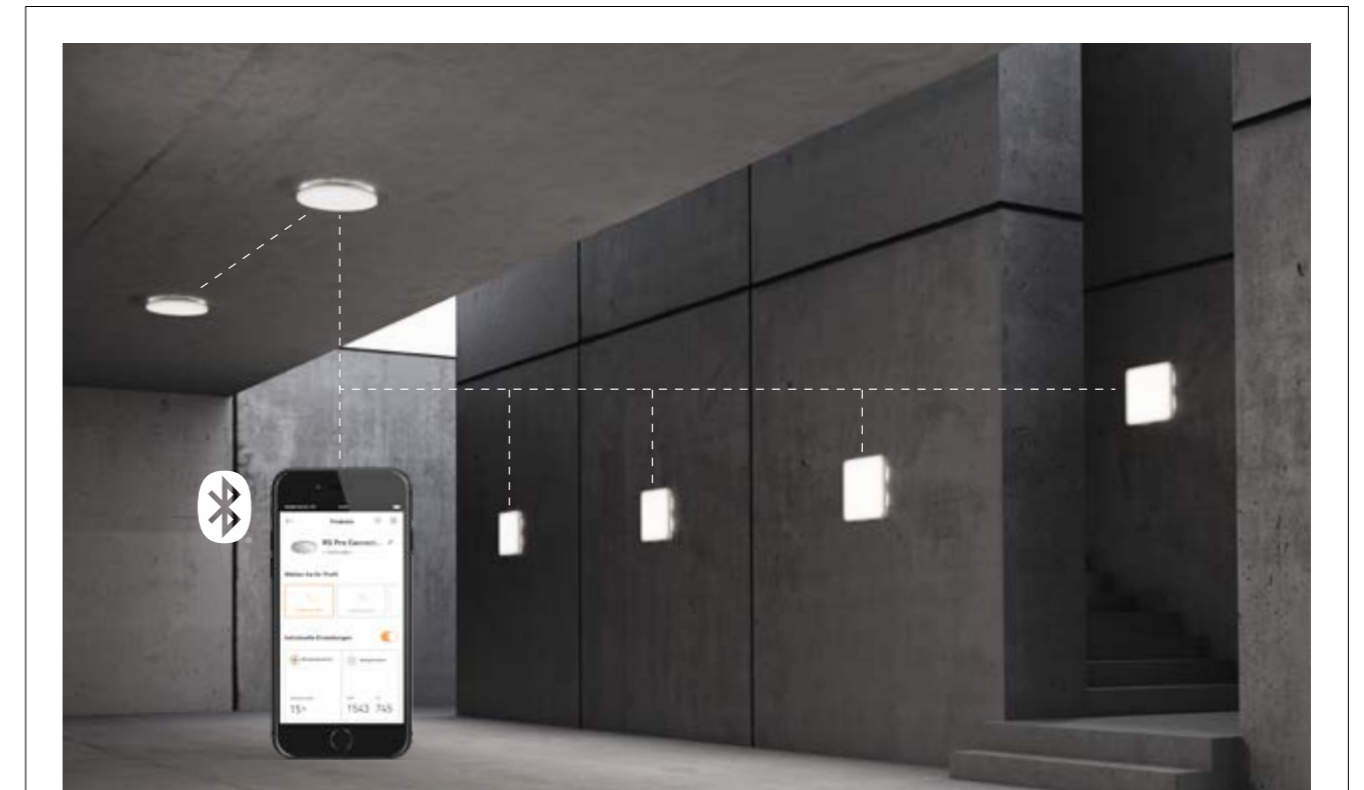
The new RS PRO R series. Further development of the successful model.

The new R-Series sensor luminaires use the secure Bluetooth SIG Mesh standard and offer ambient light, full dimmability, adjustable fade times when switching on/off and connection to central emergency lighting systems. The luminaires are already EU-compliant according to the latest directives. In addition, the Plus version offers backlight.

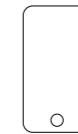


5 sizes delivering up to 3019 lumens of luminous flux

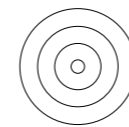
	R series „Basic“	R series „Plus“ *
Basic light	•	•
Dimmable	•	•
Optional emergency light	•	•
Backlight		•



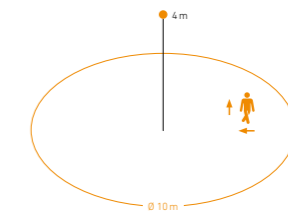
Wirelessly interconnectable via Bluetooth



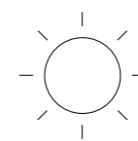
Commissioning and settings via free app



360° high-frequency sensor



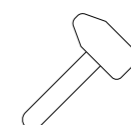
Sensor range from Ø 1 - 10 m digitally adjustable



Basic, main and back light




Mounting height up to 4 m

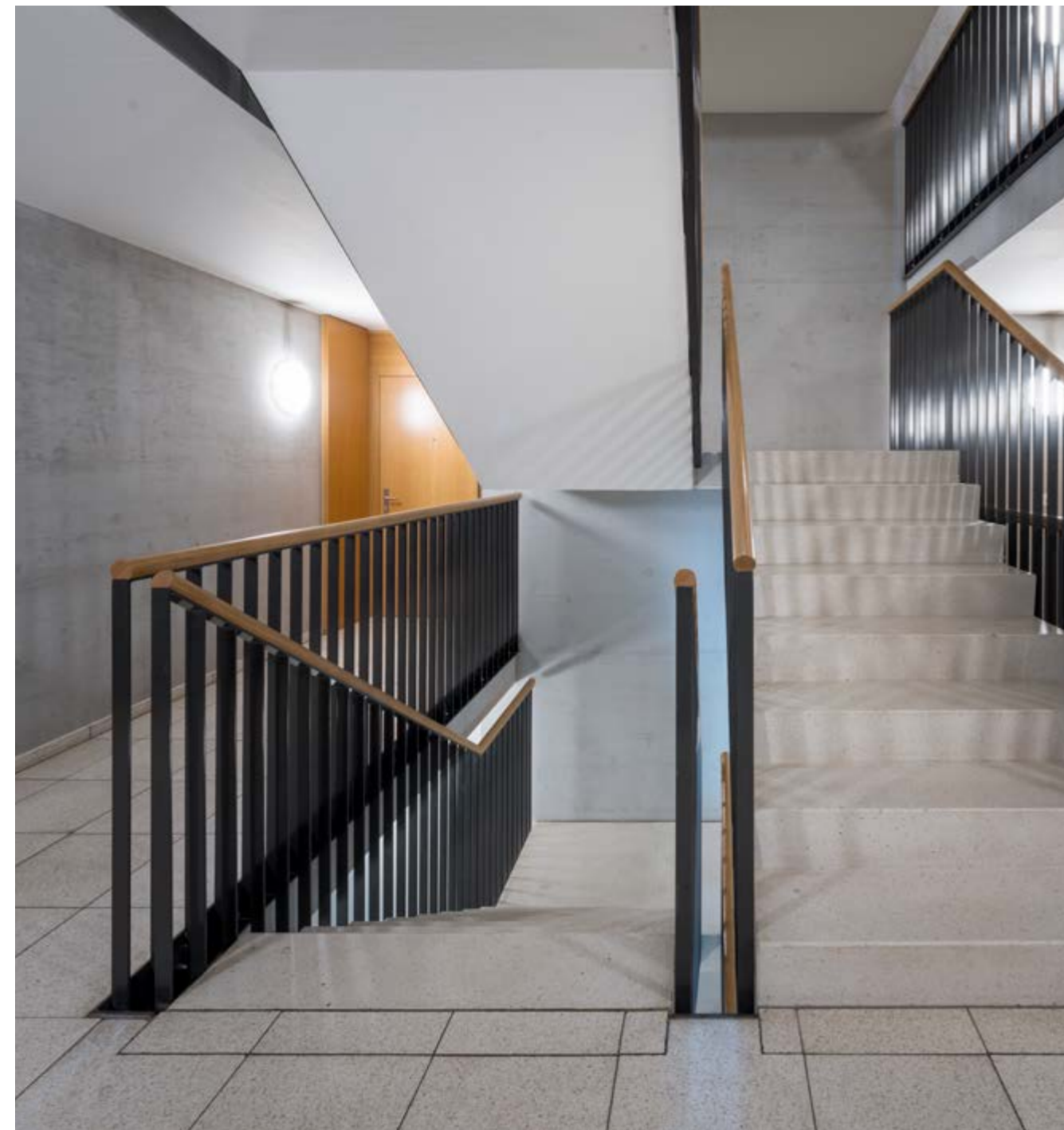


Impact-resistant IK07




Product	Specifications	Version	IP rating	EAN
RS PRO R10 basic SC LED indoor sensor light 	8.5W/1053lm / 4000K	White	IP40 / IK07	4007841 067809
	8.5W/992lm / 3000K	White	IP40 / IK07	4007841 067816
	Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 300 x 55 mm <small>This product contains an energy efficiency class "D" light source.</small> 			
RS PRO R20 basic SC LED indoor sensor light 	15.3W/1976lm / 4000K	White	IP40 / IK07	4007841 067823
	15.3W/1823lm / 3000K	White	IP40 / IK07	4007841 067854
	Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 350 x 55 mm <small>This product contains an energy efficiency class "D" light source.</small> 			
RS PRO R20 basic Q SC LED indoor sensor light 	15.3W/1970lm / 4000K	White	IP40 / IK07	4007841 067830
	15.38W/1826lm / 3000K	White	IP40 / IK07	4007841 067847
	Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: 52 x 300 x 300 mm <small>This product contains an energy efficiency class "D" light source.</small> 			
RS PRO R30 basic SC LED indoor sensor light 	23.39W/3019lm / 4000K	White	IP40 / IK07	4007841 067861
	23.22W/2813lm / 3000K	White	IP40 / IK07	4007841 067892
	Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 420 x 55 mm <small>This product contains an energy efficiency class "C" light source. (4007841 067861) This product contains an energy efficiency class "D" light source. (4007841 067892)</small> 			
RS PRO R30 basic Q SC LED indoor sensor light 	23.4W/2964lm / 4000K	White	IP40 / IK07	4007841 067878
	23.26W/2813lm / 3000K	White	IP40 / IK07	4007841 067885
	Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: 55 x 350 x 350 mm <small>This product contains an energy efficiency class "C" light source. (4007841 067878) This product contains an energy efficiency class "D" light source. (4007841 067885)</small> 			




Product	Specifications	Version	IP rating	EAN
RS PRO R10 plus SC LED indoor sensor light 	8.5W/1053lm / 4000K	White	IP40 / IK07	4007841 067700
	8.5W/992lm / 3000K	White	IP40 / IK07	4007841 067717
	Dimmable basic and main light, backlight function, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 300 x 55 mm <small>This product contains an energy efficiency class "D" light source.</small> 			
RS PRO R20 plus SC LED indoor sensor light 	15.86W/1976lm / 4000K	White	IP40 / IK07	4007841 067724
	15.86W/1823lm / 3000K	White	IP40 / IK07	4007841 067755
	Dimmable basic and main light, backlight function, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 350 x 55 mm <small>This product contains an energy efficiency class "D" light source.</small> 			
RS PRO R20 plus Q SC LED indoor sensor light 	15.86W/1970lm / 4000K	White	IP40 / IK07	4007841 067731
	15.86W/1826lm / 3000K	White	IP40 / IK07	4007841 067748
	Dimmable basic and main light, backlight function, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: 52 x 300 x 300 mm <small>This product contains an energy efficiency class "D" light source.</small> 			
RS PRO R30 plus SC LED indoor sensor light 	23.7W/3019lm / 4000K	White	IP40 / IK07	4007841 067762
	23.7W/2813lm / 3000K	White	IP40 / IK07	4007841 067793
	Dimmable basic and main light, backlight function, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: 420 x 55 mm <small>This product contains an energy efficiency class "D" light source.</small> 			
RS PRO R30 plus Q SC LED indoor sensor light 	23.9W/2964lm / 4000K	White	IP40 / IK07	4007841 067779
	23.9W/2813lm / 3000K	White	IP40 / IK07	4007841 067786
	Dimmable basic and main light, backlight function, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: 55 x 350 x 350 mm <small>This product contains an energy efficiency class "D" light source.</small> 			

Product	Specifications	Version	IP rating	EAN
Emergency light module R series 	White			4007841 064143
	Replacement emergency light rechargeable battery			
	White			4007841 006457
	Automatically switches on an LED emergency light (107 lm) in compliance with EN 60598-2-22 for 3 h			



Product	Specifications	Version	IP rating	EAN
RS PRO S10 SC LED indoor sensor light 	12 W / 1200 lm / 3000 K	PC	IP20 / IK07	4007841 081096
	12 W / 1250 lm / 4000 K	PC	IP20 / IK07	4007841 081072
Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Material: Aluminium Die-casting Sensor data: 360° high frequency, Ø 8 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Ceiling, wall Dimensions: Ø 300 x 71 mm 				
RS PRO S20 SC LED indoor sensor light 	15 W / 1284 lm / 4000 K	PC	IP65 / IK07	4007841 079772
	15 W / 1284 lm / 4000 K	PC	IP20 / IK07	4007841 067540
	15 W / 1760 lm / 3000 K	PC	IP65 / IK07	4007841 079789
	15 W / 1760 lm / 3000 K	PC	IP20 / IK07	4007841 067564
Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Material: Aluminium Die-casting Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 300 x 71 mm 				
RS PRO S30 SC LED indoor sensor light 	26 W / 2626 lm / 4000 K	PMMA	IP20 / IK07	4007841 068042
	26 W / 2496 lm / 3000 K	PMMA	IP20 / IK07	4007841 068059
	Multi-pack (4 pieces)			
	26 W / 2626 lm / 4000 K	PMMA	IP20 / IK07	4007841 068042
26 W / 2496 lm / 3000 K	PMMA	IP20 / IK07	4007841 068059	
Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Material: Aluminium Die-casting Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: 350 x 83 mm 				
RS PRO S30 Q SC LED indoor sensor light 	26 W / 2920 lm / 4000 K	PC	IP20 / IK03	4007841 067519
	26 W / 2350 lm / 3000 K	PC	IP20 / IK03	4007841 067526
Dimmable basic and main light, optional emergency light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Material: Aluminium Die-casting Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: 331 x 331 x 56 mm 				

Product	Specifications	Version	IP rating	EAN
RS PRO P1 S LED indoor sensor light  Dimmable basic light level. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 8 m Interconnection via: Cable Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 280 x 110 mm <small>This product contains a light source of energy efficiency class „E“ or „D“</small>	9.5W/1010lm / 4000K	White	IP54 / IK03	4007841 056032
	9.5W/960lm / 3000K	White	IP54 / IK03	4007841 056063
	Slave version (without sensor)			
	9W / 1010lm / 4000K	White	IP54 / IK03	4007841 056049
	9W / 960lm / 3000K	White	IP54 / IK03	4007841 056056
	Multi-pack (4 pieces)			
	9W/1010lm / 4000K	White	IP54 / IK03	4007841 064815
	9W/960lm / 3000K	White	IP54 / IK03	4007841 064808
	Replacement shade			
	PMMA			4007841 063825
RS PRO P2 S LED indoor sensor light  Dimmable basic light level. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 8 m Interconnection via: Cable Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 320 x 110 mm <small>This product contains a light source of energy efficiency class „D“</small>	16W/1810lm / 4000K	White	IP54 / IK03	4007841 056070
	16W/1730lm / 3000K	White	IP54 / IK03	4007841 056100
	Slave version (without sensor)			
	15.5W/1810lm / 4000K	White	IP54 / IK03	4007841 056087
	15.5W/1730lm / 3000K	White	IP54 / IK03	4007841 056094
	Emergency light in accordance with EN 60598-2-22			
	16W/1810lm / 4000K	White	IP54 / IK03	4007841 058579
	16W/1730lm / 3000K	White	IP54 / IK03	4007841 058586
	Replacement emergency light rechargeable battery			
		White		4007841 006457
Replacement shade				
PMMA			4007841 063832	
RS PRO P3 S LED indoor sensor light  Dimmable basic light level. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 8 m Interconnection via: Cable Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 400 x 142 mm <small>This product contains a light source of energy efficiency class „D“</small>	20W/2310lm / 4000K	White	IP54 / IK03	4007841 056117
	20W/2210lm / 3000K	White	IP54 / IK03	4007841 056148
	Slave version (without sensor)			
	19.5W/2310lm / 4000K	White	IP54 / IK03	4007841 056124
	19.5W/2210lm / 3000K	White	IP54 / IK03	4007841 056131
	Emergency light in accordance with EN 60598-2-22			
	20W/2310lm / 4000K	White	IP54 / IK03	4007841 058593
	20W/2210lm / 3000K	White	IP54 / IK03	4007841 058609
	Replacement emergency light rechargeable battery			
		White		4007841 006457
Replacement shade				
PMMA			4007841 063849	

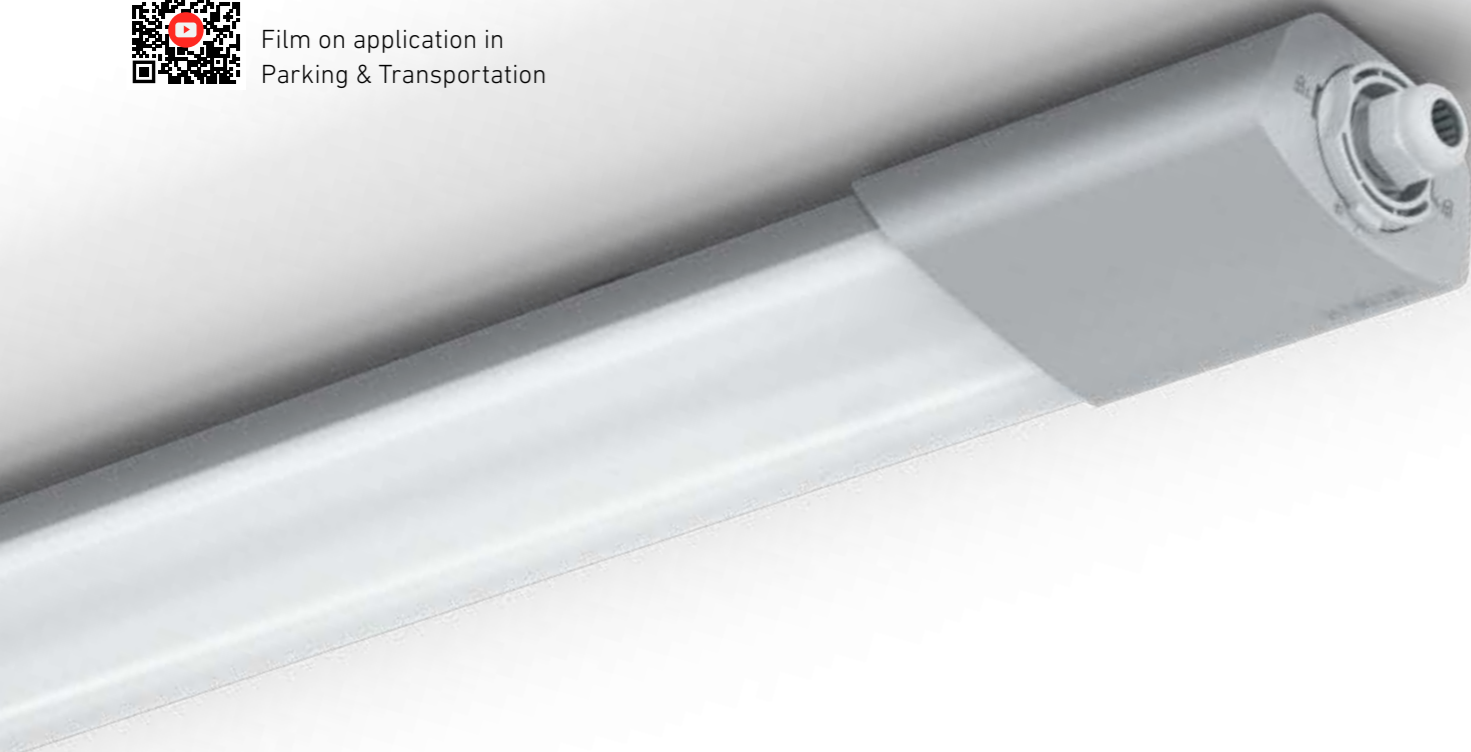
Product	Specifications	Version	IP rating	EAN	
RS PRO P1 flat S LED indoor sensor light  Dimmable basic light level. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 8 m Max. mounting height: 4.00 m Dimensions: Ø 280 x 110 mm <small>This product contains a light source of energy efficiency class „D“</small>	9.5W/1010lm / 4000K	White	IP54 / IK03	4007841 069674	
	9.5W/960lm / 3000K	White	IP54 / IK03	4007841 069681	
	Slave version (without sensor)				
	9W/1010lm / 4000K	White	IP54 / IK03	4007841 069698	
	9W/960lm / 3000K	White	IP54 / IK03	4007841 069704	
	Replacement shade				
	PMMA			4007841 084530	
	RS PRO P2 flat S LED indoor sensor light  Dimmable basic light level. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 8 m Max. mounting height: 4.00 m Dimensions: Ø 320 x 110 mm <small>This product contains a light source of energy efficiency class „D“</small>	16W/1810lm / 4000K	White	IP54 / IK03	4007841 069735
		16W/1730lm / 3000K	White	IP54 / IK03	4007841 069742
		Slave version (without sensor)			
15.5W/1810lm / 4000K		White	IP54 / IK03	4007841 069759	
15.5W/1730lm / 3000K		White	IP54 / IK03	4007841 069766	
Emergency light in accordance with EN 60598-2-22					
16W/1810lm / 4000K		White	IP54 / IK03	4007841 069711	
16W/1730lm / 3000K		White	IP54 / IK03	4007841 069728	
Replacement emergency light rechargeable battery					
		White		4007841 006457	
Replacement shade					
	PMMA		4007841 084547		
RS 10 S E27 sensor-switched indoor light  HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 8 m Interconnection via: Cable Max. mounting height: 4.00 m Mounting location: Wall, ceiling Dimensions: Ø 280 x 110 mm	max. 75W/E27	White	IP44 / IK03	4007841 730512	
	Replacement glass shade				
		Glass		4007841 001810	

RS PRO 5100. The most advanced linear light to address the backlog in modernisation.

Ready for change in underground and multi-storey parking facilities, production buildings, corridors and aisles still being illuminated by outdated diffuser lights. It is so easy: use the existing cables, attach to the existing holes, wirelessly configure the new installation and adjust all parameters via the easy-to-use app. The result: state-of-the-art illumination based on existing wiring, advanced user friendliness with many features and immediate cost reduction from maximum energy efficiency. New: version with emergency light und 5-core through wiring.



Film on application in Parking & Transportation



Wirelessly interconnectable via Bluetooth	Commissioning and settings via app	360° high-frequency sensor	IP66	Impact-resistant IK07



Product	Specifications	Version	IP rating	EAN	
RS PRO 5100 SC LED indoor sensor light Dimmable basic and main light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 10 m Interconnection via: Bluetooth Max. mounting height: 3.50 m Mounting location: Wall, ceiling Dimensions: 58 x 1370 x 87 mm <small>This product contains a light source of energy efficiency class „D“.</small>	31 W / 4250 lm / 4000 K	White	IP66 / IK07	4007841 078881	
	Slave version (without sensor)				
	31 W / 4250 lm / 4000 K	White	IP66 / IK07	4007841 079178	
	Emergency light in accordance with EN 60598-2-22				
	31 W / 4250 lm / 4000 K	White	IP66 / IK07	4007841 079161	
RS PRO 5150 SC LED indoor sensor light Dimmable basic and main light, presence mode, neighbouring-group function. HF sensor concealed inside the light. Sensor data: 360° high frequency, Ø 12 m Max. mounting height: 4.00 m Dimensions: 1500 x 87 x 58 mm <small>This product contains a light source of energy efficiency class „D“.</small>	5-core version				
	31 W / 4250 lm / 4000 K	White	IP66 / IK07	4007841 079185	
	42 W / 5940 lm / 4000 K	White	IP66 / IK07	4007841 058739	
	Slave version (without sensor)				
	42 W / 5940 lm / 4000 K	White	IP66 / IK07	4007841 058722	
Emergency light in accordance with EN 60598-2-22					
42 W / 5940 lm / 4000 K	White	IP66 / IK07	4007841 058715		
5-core version					
42 W / 5940 lm / 4000 K	White	IP66 / IK07	4007841 079338		


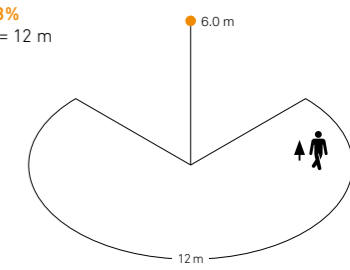

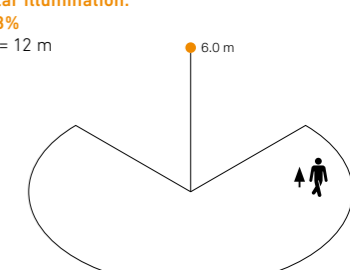
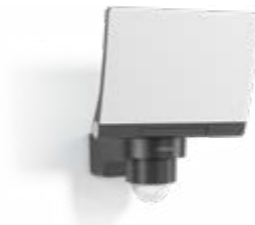
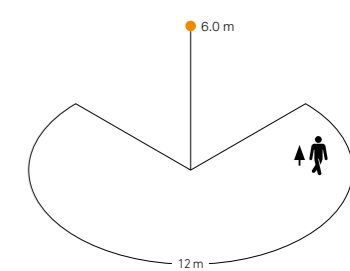
XLED PRO floodlight. Optimum illumination for any situation.

With LED panels tilting and turning to any chosen position, our XLED PRO series floodlights meet every need. STEINEL's revolutionary Square and Wide lens matrix makes it possible to illuminate square or rectangular areas on facilities, company buildings, entrances or pathways with unprecedented even precision. Additional XL versions delivering up to 4400 lumens of light provide even more power. A corner wall mount is provided for installing the XLED PRO 240 on any chosen corner. All of these floodlights can be mounted at a height of up to 6 m.



XLED PRO 240



Product	Specifications	Version	IP rating	EAN	
XLED PRO Square XL Sensor-switched floodlights - LED 	47 W / 3770 lm / 4000 K	White	IP54 / IK03	4007841 009922	
	47 W / 3770 lm / 4000 K	Black	IP54 / IK03	4007841 009946	
360° swivelling LED panel, square illumination. Permanent light 4 hours, basic light 3% Sensor data: 240° passive infrared, r = 12 m Interconnection via: Cable Max. mounting height: 6.00 m Mounting location: Wall Dimensions: 130 x 178 x 230 mm 					
XLED PRO Wide XL Sensor-switched floodlights - LED 	45 W / 3489 lm / 4000 K	White	IP54 / IK03	4007841 010041	
	45 W / 3489 lm / 4000 K	Black	IP54 / IK03	4007841 010065	
360° swivelling LED panel, rectangular illumination. Permanent light 4 hours, basic light 3% Sensor data: 240° passive infrared, r = 12 m Interconnection via: Cable Max. mounting height: 6.00 m Mounting location: Wall Dimensions: 126 x 265 x 188 mm 					
XLED PRO 240 S Sensor-switched floodlights - LED 	19.3 W / 2124 lm / 3000 K	White	IP44 / IK03	4007841 068073	
	19.3 W / 2124 lm / 4000 K	White	IP44 / IK03	4007841 068370	
	19.3 W / 2124 lm / 3000 K	Black	IP44 / IK03	4007841 068110	
	19.3 W / 2124 lm / 4000 K	Black	IP44 / IK03	4007841 068363	
	19.3 W / 2124 lm / 3000 K	Anthracite	IP44 / IK03	4007841 068066	
	Slave version (without sensor)				
	19.3 W / 2124 lm / 3000 K	White	IP44 / IK03	4007841 068103	
	19.3 W / 2124 lm / 3000 K	Black	IP44 / IK03	4007841 068097	
	19.3 W / 2124 lm / 3000 K	Anthracite	IP44 / IK03	4007841 068080	
	2x 180° swivelling LED panel, incl. corner wall mount Sensor data: 240° passive infrared, r = 12 m Interconnection via: Cable Max. mounting height: 6.00 m Mounting location: Wall, corner Dimensions: 161 x 180 x 221 mm (slave: 161 x 180 x 199 mm) 				

XLED PRO One.

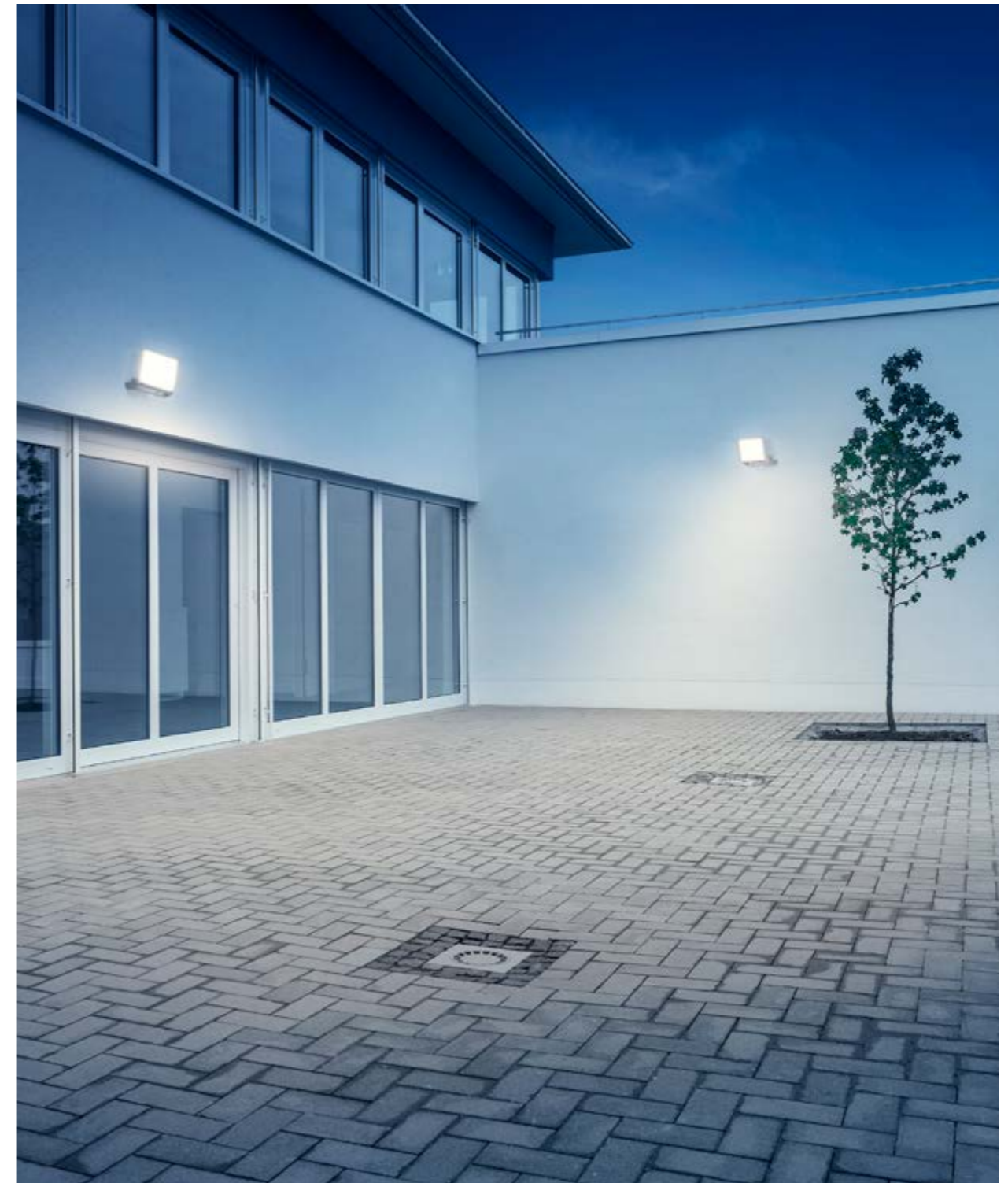
Brightness is not an impression.

With a maximum of 6116 lumens, the XLED PRO One floodlight provides warm-white light for perfect illumination right into the very last corner. The robust aluminium floodlight is available with three luminous powers, each available as versions with and without sensor and a 5-year STEINEL warranty.

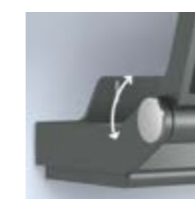


XLED PRO One S

	XLED PRO One S	XLED PRO One Plus S	XLED PRO One Max S	XLED PRO One	XLED PRO One Plus	XLED PRO One Max
Luminous flux	2204 lm	4370 lm	6116 lm	2236 lm	4370 lm	6093 lm
Sensor	240°, max. 10 m	240°, max. 10 m	240°, max. 10 m	-	-	-
Basic light level	10 %	10 %	10 %	-	-	-



Aluminium housing



Panel can be swivelled through 180°




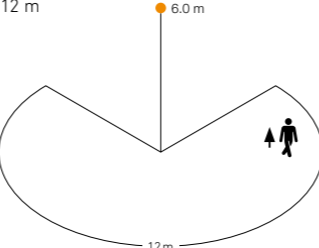

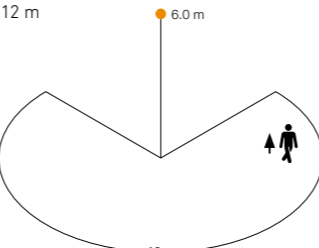

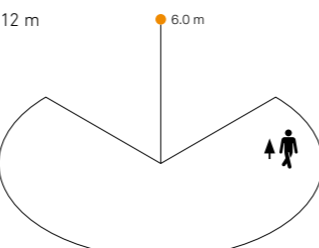
Incl. RC12 with the sensor versions



Smart Remote optional



Surface-mounting adapter optional

Product	Specifications	Version	IP rating	EAN
XLED PRO ONE S Sensor-switched floodlights - LED 	18.4W/2204lm / 3000K	Anthracite	IP44 / IK03	4007841 069568
	Slave version (without sensor)			
	17.7W/2236 lm / 3000K	Anthracite	IP44 / IK03	4007841 069513
	Surface-mounting adapter			
	Anthracite	4007841 080990		
	Sensor data: 240° passive infrared, r = 12 m Interconnection via: Cable Max. mounting height: 6.00 m Mounting location: Ceiling, wall Dimensions: 182 x 229 x 230 mm 			
XLED PRO ONE Plus S Sensor-switched floodlights - LED 	33.8W/4370 lm / 3000K	Anthracite	IP44 / IK03	4007841 069551
	Slave version (without sensor)			
	33.1W/4370 lm / 3000K	Anthracite	IP44 / IK03	4007841 069544
	Surface-mounting adapter			
	Anthracite	4007841 080983		
	Sensor data: 240° passive infrared, r = 12 m Interconnection via: Cable Max. mounting height: 6.00 m Mounting location: Ceiling, wall Dimensions: 202 x 259 x 250 mm 			
XLED PRO ONE Max S Sensor-switched floodlights - LED 	50.1W/6116 lm / 3000K	Anthracite	IP44 / IK03	4007841 069537
	Slave version (without sensor)			
	49.1W/6093 lm / 3000K	Anthracite	IP44 / IK03	4007841 069520
	Surface-mounting adapter			
	Anthracite	4007841 080983		
	Sensor data: 240° passive infrared, r = 12 m Interconnection via: Cable Max. mounting height: 6.00 m Mounting location: Ceiling, wall Dimensions: 202 x 259 x 250 mm 			

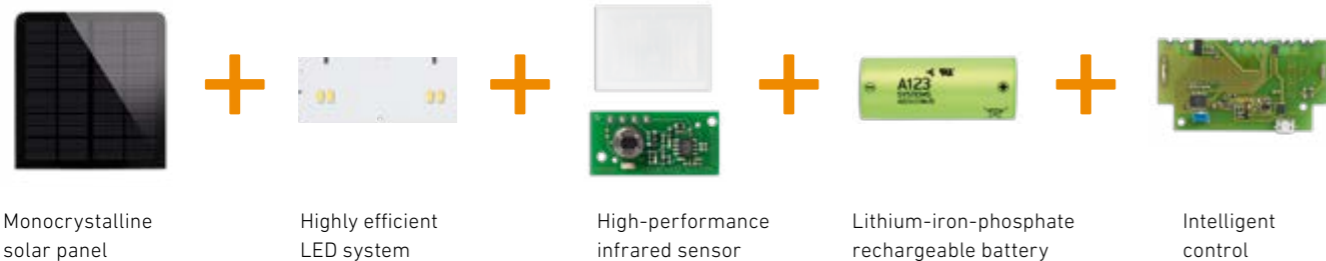
Product	Specifications	Version	IP rating	EAN
Smart Remote Remote control 	Black			4007841 009151
	For controlling lights and sensors via smartphone or tablet. Replaces remote controls RC1 - RC12. Including 2 x batteries, type AAA.			
RC 12 Remote control 	Black			4007841 079000
	Twilight setting, stay-ON time, reset, install mode, permanently OFF/ON (4 h), TEACH mode, basic light level time For: XLED PRO ONE S, XLED PRO ONE PLUS S, XLED PRO ONE MAX S			

XSolar lights. Light at any time and any place. Without any power point.

Light without any connection to the power supply – this is the fantastic idea behind solar lights. But it only makes sense if you can always rely on it. STEINEL XSolar lights simply work all the time – providing bright light 365 days a year. In bad weather too. Because we have managed to combine perfect components perfectly: highly efficient LEDs, precision STEINEL sensor technology, state-of-the-art lithium-iron-phosphate rechargeable batteries. When it's dark, this means you can be absolutely sure that light comes on whenever it is needed. No matter whether it's summer or winter. This makes our XSolar lights the ideal lighting solution for building walls, carports and outdoor areas.



XSolar L-S



Product	Specifications	Version	IP rating	EAN
XSolar L-S LED solar lights 	1.2W / 150 lm / 4000 K	Anthracite	IP44 / IK03	4007841 009823
	6 m extension cable Black 4007841 006518			
Rechargeable lithium iron phosphate battery providing light availability for 60 days Sensor data: 140° passive infrared, r = 8 m Max. mounting height: 2.00 m Mounting location: Wall Dimensions: 187 x 189 x 298 mm				
XSolar GL-S LED solar lights 	1.2W / 150 lm / 4000 K	Anthracite	IP44 / IK03	4007841 009830
	Rechargeable lithium iron phosphate battery providing light availability for 60 days Sensor data: 140° passive infrared, r = 5 m Mounting location: Standing Dimensions: 188 x 194 x 1178 mm			

The outdoor light that solves all problems.

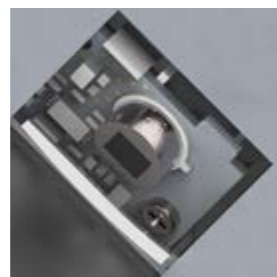
Spot on rather than a rough estimate. Thanks to the four precision recessed infrared sensors - each mechanically and separately adjustable in four directions - the DL Vario Quattro PRO LED provides precision detection wherever necessary. The reach can also be adjusted accurately between 2 and 8 m, meaning that adjacent streets and pathways can be excluded from the detection zone. From the outside, the sensor lenses integrated in the light diffuser are only discernible as a unobtrusive honeycomb structure and complement the clean-looking design of the light without sensor elements spoiling the overall appearance. A light that reliably provides light precisely where you need it.



DL Vario Quattro PRO S



Sensor lens integrated into the diffuser



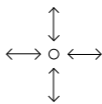

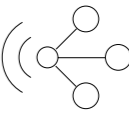



4 infrared sensors individually configurable








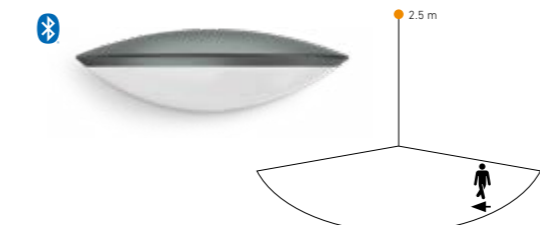



Reach setting from 2 - 8 m in any direction



Sensor adjustable in every direction

 <p>4 infrared sensors individually configurable</p>	 <p>Reach setting from 2 - 8 m in any direction</p>	 <p>10 lights interconnectable by cable</p>
 <p>2 - 1000 lux</p>	 <p>5 sec - 30 min</p>	 <p>Impact-resistant IK07</p>


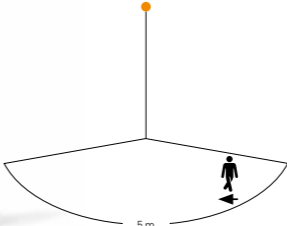

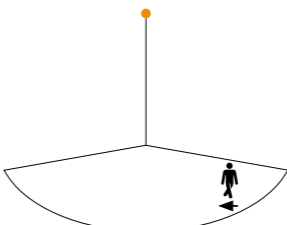

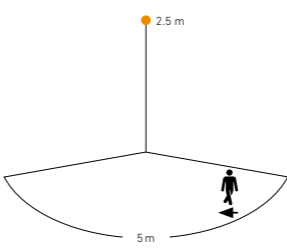
Product	Specifications	Version	IP rating	EAN
DL VARIO QUATTRO PRO S Sensor-switched LED outdoor light 	14 W / 1430 lm / 4000 K	White	IP54 / IK07	4007841 068196
	14 W / 1430 lm / 4000 K	Silver	IP54 / IK07	4007841 035495
	14 W / 1430 lm / 4000 K	Anthracite	IP54 / IK07	4007841 057589
	14 W / 1430 lm / 3000 K	White	IP54 / IK07	4007841 068202
	14 W / 1430 lm / 3000 K	Silver	IP54 / IK07	4007841 035433
	14 W / 1430 lm / 3000 K	Anthracite	IP54 / IK07	4007841 057596
	with 4 individually adjustable infrared sensors. Permanent light 4 hours, basic light 10% Sensor data: 360° passive infrared, 16 x 16 m Interconnection via: Cable Max. mounting height: 6.00 m Mounting location: Ceiling Dimensions: Ø 310 x 69 mm This product contains an energy efficiency class "D" light source.			
L 690 S Sensor-switched LED outdoor light 	8.5 W / 700 lm / 3000 K	Anthracite	IP44 / IK07	4007841 053000
	Replacement shade			
	PMMA			4007841 006327
	With mini-sensor. Permanent light 4 hours, basic light level 10%, sheet of house numbers included Sensor data: 360° passive infrared, r = 7 m Interconnection via: Cable Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 104 x 291 x 303 mm This product contains an energy efficiency class "D" light source.			
L 691 S Sensor-switched LED outdoor light 	8.5 W / 576 lm / 3000 K	Anthracite	IP44 / IK07	4007841 053031
	Replacement shade			
	PMMA			4007841 006327
	With mini-sensor. Permanent light 4 hours, basic light 10% Sensor data: 360° passive infrared, r = 7 m Interconnection via: Cable Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 126 x 291 x 303 mm This product contains an energy efficiency class "D" light source.			
L 330 S Sensor-switched LED outdoor light 	8.4 W / 815 lm / 3000 K	Anthracite	IP44 / IK10	4007841 053079
	Replacement shade			
	PMMA			4007841 062965
	With mini-sensor. Permanent light 4 hours, basic light 10% Sensor data: 360° passive infrared, r = 7 m Interconnection via: Cable Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 109 x 253 x 270 mm This product contains an energy efficiency class "D" light source.			
L 331 S Sensor-switched LED outdoor light 	8.4 W / 711 lm / 3000 K	Anthracite	IP44 / IK10	4007841 053093
	Replacement shade			
	PMMA			4007841 062965
	With mini-sensor. Permanent light 4 hours, basic light 10% Sensor data: 360° passive infrared, r = 7 m Interconnection via: Cable Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 124 x 253 x 270 mm This product contains an energy efficiency class "D" light source.			

Product	Specifications	Version	IP rating	EAN
L 825 SC Sensor-switched LED outdoor light 	9.7 W / 707 lm / 3000 K	Anthracite	IP44 / IK03	4007841 059903
	Configuration via Bluetooth, control via app. Permanent light 4 hours, basic light 10-50% Sensor data: 160° iHF (intelligent high-frequency technology), r = 5 m Interconnection via: Bluetooth Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 157 x 331 x 95 mm This product contains an energy efficiency class "E" light source.			
L 666 S Sensor-switched LED outdoor light 	8.5 W / 596 lm / 3000 K	Anthracite	IP44 / IK07	4007841 053116
	Replacement shade			
	PMMA			4007841 063801
	With mini-sensor. Permanent light 4 hours, basic light level 10%, sheet of house numbers included Sensor data: 360° passive infrared, r = 7 m Interconnection via: Cable Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 122 x 102 x 269 mm This product contains an energy efficiency class "E" light source.			
L 665 S Sensor-switched LED outdoor light 	10.4 W / 611 lm / 3000 K	Anthracite	IP44 / IK07	4007841 053949
	Replacement shade			
	PMMA			4007841 063801
	Replacement LED panel			
	Glass			4007841 063818
	With mini-sensor. Permanent light 4 hours, basic light level 10%, sheet of house numbers included Sensor data: 360° passive infrared, r = 7 m Interconnection via: Cable Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 122 x 326 x 269 mm This product contains an energy efficiency class "E" light source.			
L 400 S E27 outdoor sensor light with infrared sensor 	max. 60 W / E27	White	IP44 / IK03	4007841 611118
	max. 60 W / E27	Black	IP44 / IK03	4007841 611019
Replacement glass shade				
	Glass			4007841 001902
Corner wall mount				
	White			4007841 630416
	Black			4007841 630317
	Hand-blown crystal glass shade, continuous light 4 hrs, basic light 10-50% Sensor data: 240° passive infrared, r = 12 m Max. mounting height: 6.00 m Mounting location: Wall Dimensions: 250 x 215 x 336 mm			

The top-class light cube. Now also part of the Professional line.


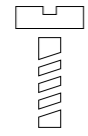
This cubic lighting system adds a touch of class to any residential setting. The lights blend in perfectly with modern building architecture, and both the main light – which can be dimmed using the app – and the pleasant soft light start will help residents to save energy and create the perfect lighting ambience for any situation. The wireless Bluetooth networking option enables the light to think ahead, while the neighbour group function allows you to provide even, safe lighting on pathways and alongside buildings.

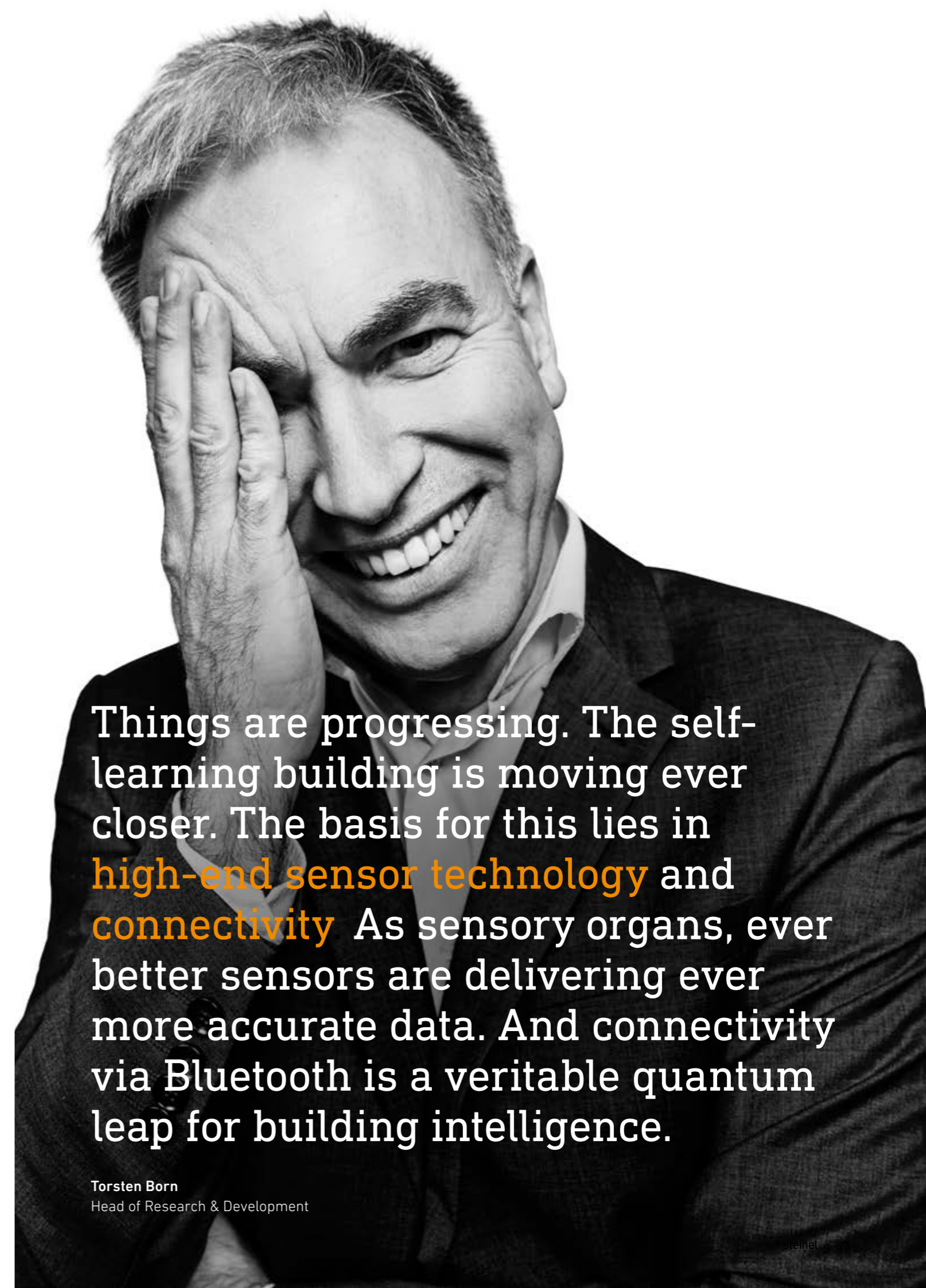


Product	Specifications	Version	IP rating	EAN
GL 85 SC 900 Sensor-switched LED outdoor light  	9W / 633lm / 3000K	Anthracite	IP44 / IK03	4007841 078683
	Slave version (without sensor)			
	9W / 719lm / 3000K	Anthracite	IP44	4007841 078676
	Replacement stand profile			
		Anthracite		4007841 078867
Replacement base				
	Anthracite		4007841 078843	
Aluminium stand light with internal iHF sensor. Dimmable main light, soft light start, continuous light function, interconnection via Bluetooth. Sensor data: 160° iHF (intelligent high-frequency technology), r = 5 m Interconnection via: Bluetooth Max. mounting height: 2.00 m Mounting location: Standing Dimensions: 136 mm x 146 mm x 900 mm <small>This product contains an energy efficiency class "F" light source.</small>				
GL 85 SC 600 Sensor-switched LED outdoor light  	9W / 655lm / 3000K	Anthracite	IP44	4007841 078669
	Slave version (without sensor)			
	9W / 719lm / 3000K	Anthracite	IP44	4007841 078652
	Replacement stand profile			
	Anthracite			4007841 078850
Replacement base				
Anthracite			4007841 078843	
Aluminium stand light with internal iHF sensor. Dimmable main light, soft light start, continuous light function, interconnection via Bluetooth. Sensor data: 160° iHF (intelligent high-frequency technology), r = 5 m Interconnection via: Bluetooth Max. mounting height: 2.00 m Mounting location: Standing Dimensions: 136 mm x 146 mm x 600 mm <small>This product contains an energy efficiency class "F" light source.</small>				
L 845 SC Sensor-switched LED outdoor light  	9W / 655lm / 3000K	Anthracite	IP44 / IK03	4007841 078645
	Slave version (without sensor)			
	9W / 719lm / 3000K	Anthracite	IP44	4007841 078638
Wall light with internal 160° iHF sensor. Configuration via Bluetooth and app. Possible configurations: Sensor reach, optional basic light, stay ON time, threshold value, soft light start, continuous light function Sensor data: 160° iHF (intelligent high-frequency technology), r = 5 m Interconnection via: Bluetooth Max. mounting height: 2.50 m Mounting location: Wall Dimensions: 134 x 134 x 87 mm <small>This product contains an energy efficiency class "F" light source.</small>				

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For 60 years now, we have been inventing and developing technology products that are far ahead of their time and altogether capable of changing entire markets. We specialise in sensor technology and can provide everything that is needed in automatic lighting and building automation. Product, software and service – we can give you everything for your application.

		
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<p>5</p>		
<p>5-year warranty on all products from our Professional line</p>	<p>STEINEL replacement-parts service and availability guaran- tee for genuine STEINEL parts</p>	<p>Contact our sales represent- atives for any details you may require</p>



Things are progressing. The self-learning building is moving ever closer. The basis for this lies in **high-end sensor technology** and **connectivity**. As sensory organs, ever better sensors are delivering ever more accurate data. And connectivity via Bluetooth is a veritable quantum leap for building intelligence.

Torsten Born
Head of Research & Development

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