



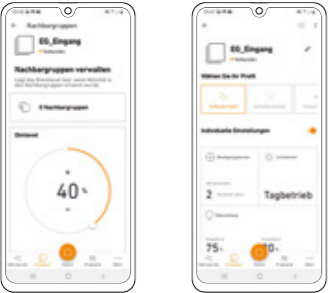
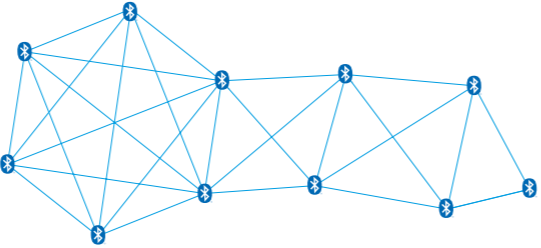


# Catalogue

## Sensors & lights

Professional line



 **steinel**

<p>1</p>  <p><b>STEINEL is the sensor specialist for building automation.</b></p> <p>We have been setting standards in building sensor technology since 1987. STEINEL solutions are now sold in over 70 countries.</p>	<p>2</p>  <p><b>STEINEL lights are always one step ahead.</b></p> <p>The unique combination of optimal light and the finest sensor control for energy savings of over 90%.</p>
<p>3</p>  <p><b>Both networking and adjusting the settings are one thing above all: simple.</b></p> <p>Our Bluetooth-based lighting solutions can be conveniently set and adjusted at any time using the STEINEL Connect App.</p>	<p>4</p>  <p><b>STEINEL products communicate with each other.</b></p> <p>By integrating Bluetooth Mesh, STEINEL products network wirelessly to form intelligent networks.</p>
<p>5</p>  <p><b>Compatible with all leading systems.</b></p> <p>STEINEL products are available with all common interfaces and are easy for planners and installers to integrate.</p>	<p>6</p>  <p><b>The right sensor technology for every application.</b></p> <p>STEINEL is a leader in infrared, high-frequency, ultrasonic and optical sensor technology for modern buildings.</p>

Sensors

**Motion detectors**

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**Solar lights**

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**Outdoor lights**

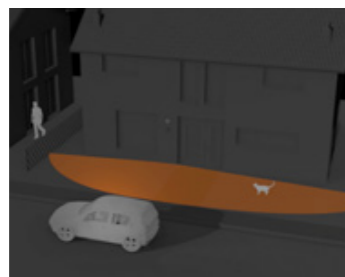
98

# iHF 3D. Seamless, uncompromising, flawless.

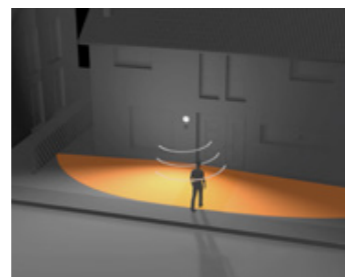
Our Professional line of outdoor motion detectors is raising the bar to new heights, combining the very best of both worlds in terms of technology and design. What's more, by implementing high-frequency technology in the iHF 3D for outdoor use, we have achieved a quantum leap in terms of saying goodbye to unwanted weather-related activations.



iHF 3D



No more unwanted activations triggered by neighbours, cars or animals.



Coverage only where you really want it.



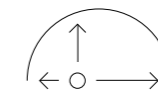
A sensor that adapts to your home. Easily adjustable in 3 directions.



Connect, set up and operate the lights via the Smart Remote app




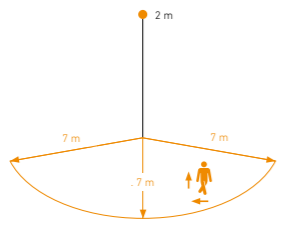

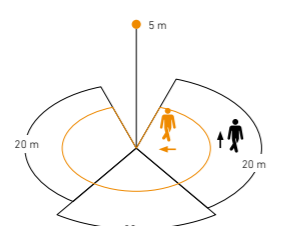
Now also available as a Bluetooth version




Adjustable in three zones ranging from 1–5 metres



160° intelligent, high-frequency sensor

Product	Detection	Interface	Variant	IP rating	EAN								
<b>iHF 3D</b> iHF motion detector for walls 	160 °	COM1	black	IP54	<a href="#">4007841 066215</a>								
	160 °	COM1	white	IP54	<a href="#">4007841 066222</a>								
	160 °	COM1	anthracite	IP54	<a href="#">4007841 066178</a>								
	160 °	KNX V3.5	black	IP54	<a href="#">4007841 059637</a>								
	160 °	KNX V3.5	white	IP54	<a href="#">4007841 059644</a>								
	160 °	KNX V3.5	anthracite	IP54	<a href="#">4007841 059620</a>								
	with 3D antenna technology, 4-hour continuous light <b>Range:</b> Radial max. r = 5 m (35 m <sup>2</sup> ), tangential max. r = 5 m (35 m <sup>2</sup> ) <b>Mounting height:</b> 1.80–2.00 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>KNX: max. current consumption:</b> 30 mA <b>Dimensions:</b> 120 x 117 x 120 mm 												
<b>sensIQ</b> Infrared motion detectors for walls, ceilings, corners 	300°	COM1	black	IP54	<a href="#">4007841 029579</a>								
	300°	COM1	white	IP54	<a href="#">4007841 029562</a>								
	300°	COM1	anthracite	IP54	<a href="#">4007841 056636</a>								
	300°	KNX V3.1	black	IP54	<a href="#">4007841 059552</a>								
	300°	KNX V3.1	white	IP54	<a href="#">4007841 059576</a>								
	300°	KNX V3.1	anthracite	IP54	<a href="#">4007841 059538</a>								
	Corner wall mount <table border="1"> <tr> <td></td> <td>white</td> <td></td> <td><a href="#">4007841 601966</a></td> </tr> <tr> <td></td> <td>black</td> <td></td> <td><a href="#">4007841 600969</a></td> </tr> </table> Range independently adjustable to the metre in 3 directions, 4-hour continuous light incl. Remote control & corner wall mount <b>Switching zones:</b> 1360 switching zones <b>Range:</b> Radial max. r = 4 m (42 m <sup>2</sup> ), tangential max. r = 20 m (1047 m <sup>2</sup> ) <b>Mounting height:</b> 2.00–5.00 m <b>COM1: Output:</b> max. 2500 W (LED-ready) <b>KNX: max. current consumption:</b> 10 mA <b>Dimensions:</b> 172 x 113 x 144 mm 							white		<a href="#">4007841 601966</a>		black	
	white		<a href="#">4007841 601966</a>										
	black		<a href="#">4007841 600969</a>										

Product	Detection	Interface	Variant	IP rating	EAN				
<b>sensIQ S</b> Infrared motion detectors for walls and corners 	300°	COM1	black	IP54	<a href="#">4007841 034979</a>				
	300°	COM1	white	IP54	<a href="#">4007841 034955</a>				
	300°	COM1	anthracite	IP54	<a href="#">4007841 056650</a>				
	300°	KNX V3.1	black	IP54	<a href="#">4007841 059606</a>				
	300°	KNX V3.1	white	IP54	<a href="#">4007841 059613</a>				
	300°	KNX V3.1	anthracite	IP54	<a href="#">4007841 059583</a>				
	Corner wall mount <table border="1"> <tr> <td></td> <td>black</td> <td></td> <td><a href="#">4007841 608828</a></td> </tr> </table> Range independently adjustable to the metre in 3 directions, incl. RC9 remote control & corner wall mount <b>Switching zones:</b> 1360 switching zones <b>Range:</b> Radial max. r = 4 m (42 m <sup>2</sup> ), tangential max. r = 20 m (1047 m <sup>2</sup> ) <b>Mounting height:</b> 2.00–5.00 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>KNX: max. current consumption:</b> 10 mA <b>Dimensions:</b> 128 x 114 x 74 mm 							black	
	black		<a href="#">4007841 608828</a>						
<b>Smart Remote</b> Remote control 	black				<a href="#">4007841 009151</a>				
For controlling lights and sensors via smartphone or tablet. Replaces the RC1–RC12 remote controls. Incl. 2x AA batteries.									

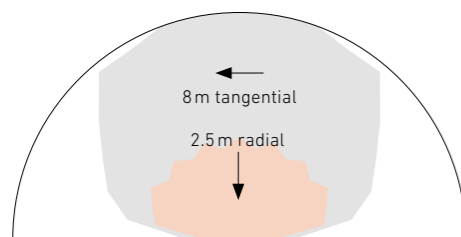
# IS 180 digi HD. Revolutionary infrared sensor technology.

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. Even the sensor sensitivity is 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.

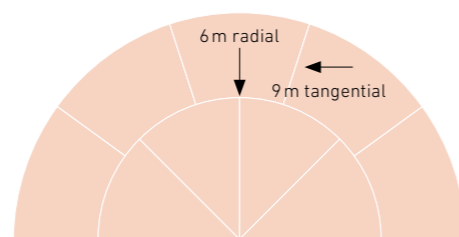


IS 180 digi HD

**Bluetooth MESH**



Conventional infrared technology



The new digi sensor technology



Attractive design with invisible sensor technology

<p>Connect, set up and operate the lights with our free STEINEL Connect app</p>	<p>Bluetooth Mesh Connect standard</p>	<p>9 digitally adjustable zones</p>	<p>180° passive infrared sensor</p>
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Product      Detection      Interface      Variant      IP rating      EAN

<p><b>IS 180 digi HD</b> Infrared motion detector</p> <p> <b>Bluetooth MESH</b></p>	180 °	COM1	anthracite	IP54	<a href="#">4007841 066079</a>
	180 °	COM1	white	IP54	<a href="#">4007841 066109</a>
<p><b>With 5 pyro sensors and digital activation/deactivation of 9 detection zones</b>  <b>Range:</b> Radial max. r = 6 m (57 m<sup>2</sup>), tangential max. r = 9 m (127 m<sup>2</sup>)  <b>Mounting height:</b> 1.80–2.5 m  <b>COM1: Output:</b> max. 2000 W (LED-ready)  <b>Dimensions:</b> 42 x 116 x 116 mm</p>					

# The 3000 series. Exceptional variety for every requirement.

Whether you're looking for infrared, high-frequency or light sensor technology, you will always find the perfect motion detector to suit your needs in our 3000 series. Even the most ambitious projects can be handled with minimal effort thanks to the wide range of available interfaces, including COM1, PF, DALI-2 application controller, DALI-2 input device, and KNX. Another feature we are particularly proud of is our In conjunction with our Smart Remote functionality, which offers simple and convenient control and configuration via tablet or smartphone. Selected sensors are also available in black for use with dark ceilings or walls. and the latest addition to our range comes in the form of recessed ceiling versions for straightforward quick installation in suspended ceilings.

## 2 technologies



### Passive infrared technology

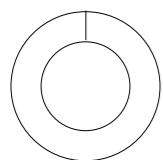
Pyro sensors react to changes in infrared heat radiation within the detection range.



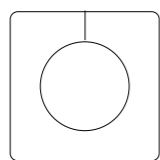
### High-frequency technology

If a movement within the detection range changes the echo image of the high-frequency signal, the sensor reacts within fractions of a second.

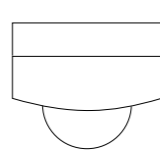
## 5 designs



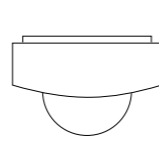
Round



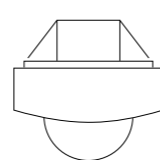
Square



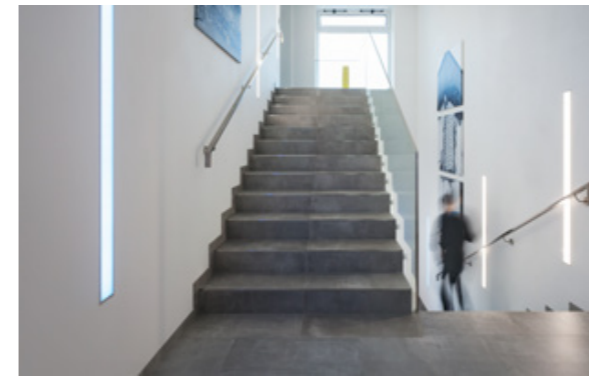
Surface-mounted



Concealed wiring

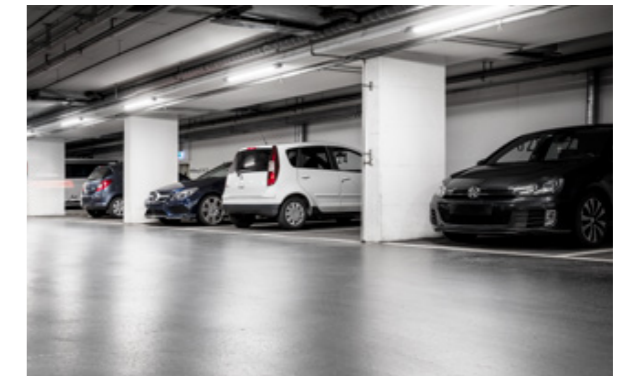


Recessed ceiling



### Residential construction

High-frequency technology for stairwells



### Parking & transportation

For monitoring large areas



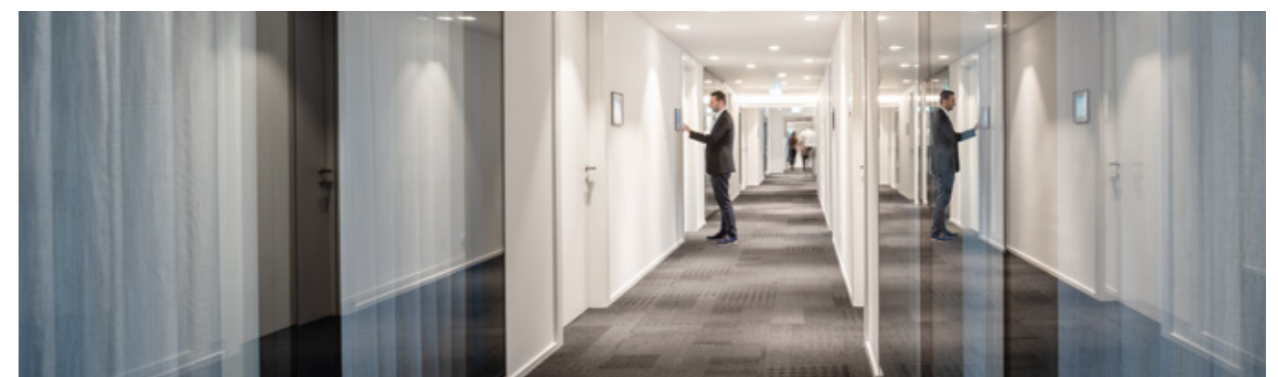
### Industry & logistics

Large installation heights up to 14 m



### Schools & learning institutes

Specially designed corridor sensors



### Office

Long corridors and hallways

7

sensors with infrared, high-frequency or light sensor technology.




5



round and square designs in concealed wiring, surface-mounted and recessed ceiling variants.

5


interfaces for rapid integration into the building technology.

3000 series overview				
   				
<span>IS 3360</span> <span>IS 345</span> <span>HF 3360</span> <span>IS 3180</span>				
<b>Concealed wiring, square</b>				
COM1	<a href="#">4007841 033460</a>	<a href="#">4007841 033804</a>	<a href="#">4007841 033675</a>	<a href="#">4007841 055721</a>
PF	<a href="#">4007841 033491</a>	<a href="#">4007841 033835</a>	<a href="#">4007841 033705</a>	
KNX	<a href="#">4007841 058173</a>	<a href="#">4007841 058265</a>	<a href="#">4007841 058227</a>	<a href="#">4007841 058142</a>
DALI-2 APC	<a href="#">4007841 033514</a>	<a href="#">4007841 033866</a>	<a href="#">4007841 033743</a>	<a href="#">4007841 055738</a>
DALI-2 IPD	<a href="#">4007841 057244</a>	<a href="#">4007841 057282</a>	<a href="#">4007841 057336</a>	<a href="#">4007841 057367</a>
<b>Concealed wiring, round</b>				
COM1	<a href="#">4007841 033453</a>	<a href="#">4007841 033811</a>	<a href="#">4007841 033682</a>	
PF	<a href="#">4007841 033484</a>	<a href="#">4007841 033842</a>	<a href="#">4007841 033712</a>	
KNX	<a href="#">4007841 058197</a>	<a href="#">4007841 058289</a>	<a href="#">4007841 058241</a>	
DALI-2 APC	<a href="#">4007841 033521</a>	<a href="#">4007841 033873</a>	<a href="#">4007841 033750</a>	
DALI-2 IPD	<a href="#">4007841 057268</a>	<a href="#">4007841 057305</a>	<a href="#">4007841 057343</a>	
<b>Surface mounting, square</b>				
COM1	<a href="#">4007841 010478</a>	<a href="#">4007841 010485</a>	<a href="#">4007841 011734</a>	<a href="#">4007841 009113</a>
PF	<a href="#">4007841 010515</a>	<a href="#">4007841 010539</a>	<a href="#">4007841 010546</a>	<a href="#">4007841 010508</a>
KNX	<a href="#">4007841 058166</a>	<a href="#">4007841 058258</a>	<a href="#">4007841 058210</a>	<a href="#">4007841 058135</a>
DALI-2 APC	<a href="#">4007841 010560</a>	<a href="#">4007841 010584</a>	<a href="#">4007841 011604</a>	<a href="#">4007841 010553</a>
DALI-2 IPD	<a href="#">4007841 057237</a>	<a href="#">4007841 057275</a>	<a href="#">4007841 057312</a>	<a href="#">4007841 057350</a>
<b>Surface mounting, round</b>				
COM1	<a href="#">4007841 033446</a>	<a href="#">4007841 033798</a>	<a href="#">4007841 033668</a>	
PF	<a href="#">4007841 033477</a>	<a href="#">4007841 033828</a>	<a href="#">4007841 033699</a>	
KNX	<a href="#">4007841 058180</a>	<a href="#">4007841 058272</a>	<a href="#">4007841 058234</a>	
DALI-2 APC	<a href="#">4007841 033507</a>	<a href="#">4007841 033859</a>	<a href="#">4007841 033736</a>	
DALI-2 IPD	<a href="#">4007841 057251</a>	<a href="#">4007841 057299</a>	<a href="#">4007841 057329</a>	
<b>Recessed ceiling, square</b>				
COM1	<a href="#">4007841 079635</a>	<a href="#">4007841 079673</a>		
KNX	<a href="#">4007841 079642</a>	<a href="#">4007841 079680</a>		
DALI-2 APC	<a href="#">4007841 080624</a>	<a href="#">4007841 080648</a>		
<b>Recessed ceiling, round</b>				
COM1	<a href="#">4007841 079659</a>	<a href="#">4007841 079697</a>		
KNX	<a href="#">4007841 079666</a>	<a href="#">4007841 079703</a>		
DALI-2 APC	<a href="#">4007841 080631</a>	<a href="#">4007841 080655</a>		

3000 series overview			
  			
<span>IS 3360 MX Highbay</span> <span>IS 345 MX Highbay</span> <span>Light Sensor Dual</span>			
<b>Concealed wiring, square</b>			
KNX			<a href="#">4007841 058326</a>
DALI-2 IPD			<a href="#">4007841 057435</a>
<b>Concealed wiring, round</b>			
KNX			<a href="#">4007841 058340</a>
DALI-2 IPD			<a href="#">4007841 057442</a>
<b>Surface mounting, square</b>			
COM1	<a href="#">4007841 033569</a>	<a href="#">4007841 010492</a>	
PF	<a href="#">4007841 033583</a>	<a href="#">4007841 010522</a>	
KNX	<a href="#">4007841 058364</a>	<a href="#">4007841 058296</a>	
DALI-2 APC	<a href="#">4007841 010577</a>	<a href="#">4007841 010591</a>	
DALI-2 IPD	<a href="#">4007841 057374</a>	<a href="#">4007841 057398</a>	<a href="#">4007841 057411</a>
<b>Surface mounting, round</b>			
DALI-2 IPD			<a href="#">4007841 057428</a>


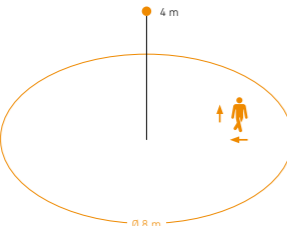
					
<b>IS 3360 black</b>			<b>IS 345 black</b>		
COM1	Surface mounting, square	<a href="#">4007841 068523</a>	KNX V3.1	Surface mounting, square	<a href="#">4007841 084134</a>
KNX V3.1	Surface mounting, square	<a href="#">4007841 068561</a>	KNX V3.1	Surface mounting, round	<a href="#">4007841 084158</a>
COM1	Surface mounting, round	<a href="#">4007841 068547</a>	KNX V3.1	Concealed wiring, square	<a href="#">4007841 084141</a>
KNX V3.1	Surface mounting, round	<a href="#">4007841 068585</a>	KNX V3.1	Concealed wiring, round	<a href="#">4007841 084165</a>
COM1	Concealed wiring, square	<a href="#">4007841 068530</a>			
KNX V3.1	Concealed wiring, square	<a href="#">4007841 068578</a>			
COM1	Concealed wiring, round	<a href="#">4007841 068554</a>			
KNX V3.1	Concealed wiring, round	<a href="#">4007841 068592</a>			


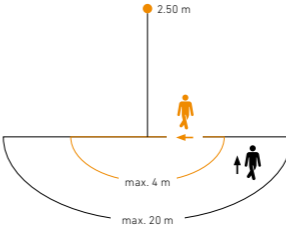

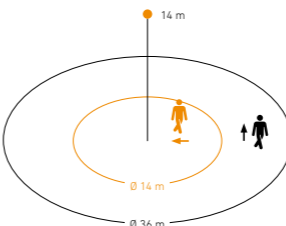
<b>Switching capacities</b>	
COM1	Max. 2000 W (LED-ready), switching light
PF	No SELV, max. 10 A, 240 V AC / 24 V DC, min. 100 mA, 12 V AC / DC, switching a floating relay
DALI-2 APC	Broadcast control line for 1 x 30 DALI electronic ballasts
<b>Power supply</b>	
KNX	KNX bus power supply, digital bus interface for 2 light channels and HVAC
DALI-2 IPD	DALI bus power supply, for connecting to DALI light management systems/LiveLink



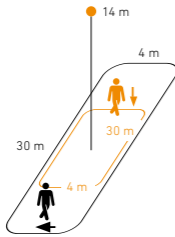




Product	Detection	Interface	Variant	IP rating	EAN
<p><b>IS 3360</b> Infrared motion &amp; presence detector for car parks, entrance areas and function rooms</p>  <p><b>The presence detector in the 3000 series with 3 pyro sensors and 4-hour continuous light</b>  <b>Range:</b> Radial max. Ø 8 m (50 m<sup>2</sup>)                      Tangential max. Ø 40 m (1257 m<sup>2</sup>)                      Presence max. Ø 3 m (7 m<sup>2</sup>)  <b>Mounting height:</b> 2.50–4.00 m  <b>COM1: Output:</b> max. 2000 W (LED-ready)  <b>DALI-2 IPD:</b> Current consumption 3 DALI participants (6 mA)  <b>KNX: max. current consumption:</b> 12.5 mA  <b>Dimensions:</b>                      Surface-mounted, square: 65 x 95 x 95 mm / Round: Ø 126 x 65 mm –                      Concealed wiring, square: 78 x 94 x 94 mm / Round: Ø 124 x 65 mm –                      Recessed ceiling, square: 121 x 94 x 94 mm / Round: Ø 124 x 121 mm</p> 	<b>Surface mounting, square</b>				
	360°	COM1	white	IP54	<a href="#">4007841 010478</a>
	360°	COM1	black	IP54	<a href="#">4007841 068523</a>
	360°	PF	white	IP54	<a href="#">4007841 010515</a>
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 010560</a>
	360°	DALI-2 IPD	white	IP54	<a href="#">4007841 057237</a>
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058166</a>
	360°	KNX V3.1	black	IP54	<a href="#">4007841 068561</a>
	<b>Surface mounting, round</b>				
	360°	COM1	white	IP54	<a href="#">4007841 033446</a>
	360°	COM1	black	IP54	<a href="#">4007841 068547</a>
	360°	PF	white	IP54	<a href="#">4007841 033477</a>
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 033507</a>
	360°	DALI-2 IPD	white	IP54	<a href="#">4007841 057251</a>
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058180</a>
	360°	KNX V3.1	black	IP54	<a href="#">4007841 068585</a>
	<b>Concealed wiring, square</b>				
	360°	COM1	white	IP20	<a href="#">4007841 033460</a>
	360°	COM1	black	IP20	<a href="#">4007841 068530</a>
	360°	PF	white	IP20	<a href="#">4007841 033491</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 033514</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057244</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058173</a>
	360°	KNX V3.1	black	IP20	<a href="#">4007841 068578</a>
	<b>Concealed wiring, round</b>				
	360°	COM1	white	IP20	<a href="#">4007841 033453</a>
	360°	COM1	black	IP20	<a href="#">4007841 068554</a>
	360°	PF	white	IP20	<a href="#">4007841 033484</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 033521</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057268</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058197</a>
	360°	KNX V3.1	black	IP20	<a href="#">4007841 068592</a>
	<b>Recessed ceiling, square</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079635</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 080624</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 079642</a>
<b>Recessed ceiling, round</b>					
360°	COM1	white	IP20	<a href="#">4007841 079659</a>	
360°	DALI-2 APC	white	IP20	<a href="#">4007841 080631</a>	
360°	KNX V3.1	white	IP20	<a href="#">4007841 079666</a>	





Product	Detection	Interface	Variant	IP rating	EAN
<p><b>IS 345</b> Infrared motion detectors for corridors and hallways</p>  <p><b>With 2 pyro sensors, 4-hour continuous light</b>  <b>Range:</b> Radial max. 12 x 6 m (72 m<sup>2</sup>), tangential max. 23 x 6 m (138 m<sup>2</sup>)  <b>Mounting height:</b> 2.50–5.00 m  <b>COM1: Output:</b> max. 2000 W (LED-ready)  <b>DALI-2 IPD:</b> Current consumption 3 DALI participants (6 mA)  <b>KNX: max. current consumption:</b> 12.5 mA  <b>Dimensions:</b>                      Surface-mounted, square: 65 x 95 x 95 mm / Round: Ø 126 x 65 mm –                      Concealed wiring, square: 78 x 94 x 94 mm / Round: Ø 124 x 65 mm –                      Recessed ceiling, square: 121 x 94 x 94 mm / Round: Ø 124 x 121 mm</p> 	<b>Surface mounting, square</b>				
	360°	COM1	white	IP54	<a href="#">4007841 010485</a>
	360°	PF	white	IP54	<a href="#">4007841 010539</a>
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 010584</a>
	360°	DALI-2 IPD	white	IP54	<a href="#">4007841 057275</a>
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058258</a>
	360°	KNX V3.1	black	IP54	<a href="#">4007841 084134</a>
	<b>Surface mounting, round</b>				
	360°	COM1	white	IP54	<a href="#">4007841 033798</a>
	360°	PF	white	IP54	<a href="#">4007841 033828</a>
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 033859</a>
	360°	DALI-2 IPD	white	IP54	<a href="#">4007841 057299</a>
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058272</a>
	360°	KNX V3.1	black	IP54	<a href="#">4007841 084158</a>
	<b>Concealed wiring, square</b>				
	360°	COM1	white	IP20	<a href="#">4007841 033804</a>
	360°	PF	white	IP20	<a href="#">4007841 033835</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 033866</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057282</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058265</a>
	360°	KNX V3.1	black	IP20	<a href="#">4007841 084141</a>
	<b>Concealed wiring, round</b>				
	360°	COM1	white	IP20	<a href="#">4007841 033811</a>
	360°	PF	white	IP20	<a href="#">4007841 033842</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 033873</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057305</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058289</a>
	360°	KNX V3.1	black	IP20	<a href="#">4007841 084165</a>
	<b>Recessed ceiling, square</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079673</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 080648</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 079680</a>
	<b>Recessed ceiling, round</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079697</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 080655</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 079703</a>



Product	Detection	Interface	Variant	IP rating	EAN
<p><b>HF 3360</b></p> <p>High-frequency motion detectors for WCs, washrooms, stairwells and side rooms</p>  <p><b>5.8 GHz, approx. 1 mW, 4-hour continuous light</b></p> <p><b>Range:</b> Radial max. <math>\varnothing = 8\text{ m}</math> (<math>50\text{ m}^2</math>), tangential max. <math>\varnothing = 8\text{ m}</math> (<math>50\text{ m}^2</math>)</p> <p><b>Mounting height:</b> 2.00–4.00 m</p> <p><b>COM1: Output:</b> max. 2000 W (LED-ready)</p> <p><b>DALI-2 IPD:</b> Current consumption 5 DALI participants (10 mA)</p> <p><b>KNX: max. current consumption:</b> 12.5 mA</p> <p><b>Dimensions:</b> Surface-mounted, square: 52 x 95 x 95 mm / Round: <math>\varnothing 126 \times 52\text{ mm}</math> – Concealed wiring, square: 64 x 94 x 94 mm / Round: <math>\varnothing 124 \times 64\text{ mm}</math></p> 	<b>Surface mounting, square</b>				
	360°	COM1	white	IP54	<a href="#">4007841 011734</a>
	360°	PF	white	IP54	<a href="#">4007841 010546</a>
	360°	DALI-2 IPD	white	IP54	<a href="#">4007841 057312</a>
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058210</a>
	<b>Surface mounting, round</b>				
	360°	COM1	white	IP54	<a href="#">4007841 033668</a>
	360°	PF	white	IP54	<a href="#">4007841 033699</a>
	360°	DALI-2 IPD	Round	IP54	<a href="#">4007841 057329</a>
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058234</a>
	<b>Concealed wiring, square</b>				
	360°	COM1	white	IP20	<a href="#">4007841 033675</a>
	360°	PF	white	IP20	<a href="#">4007841 033705</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057336</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058227</a>
	<b>Concealed wiring, round</b>				
	360°	COM1	white	IP20	<a href="#">4007841 033682</a>
	360°	PF	white	IP20	<a href="#">4007841 033712</a>
	360°	DALI-2 IPD	Round	IP20	<a href="#">4007841 057343</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058241</a>

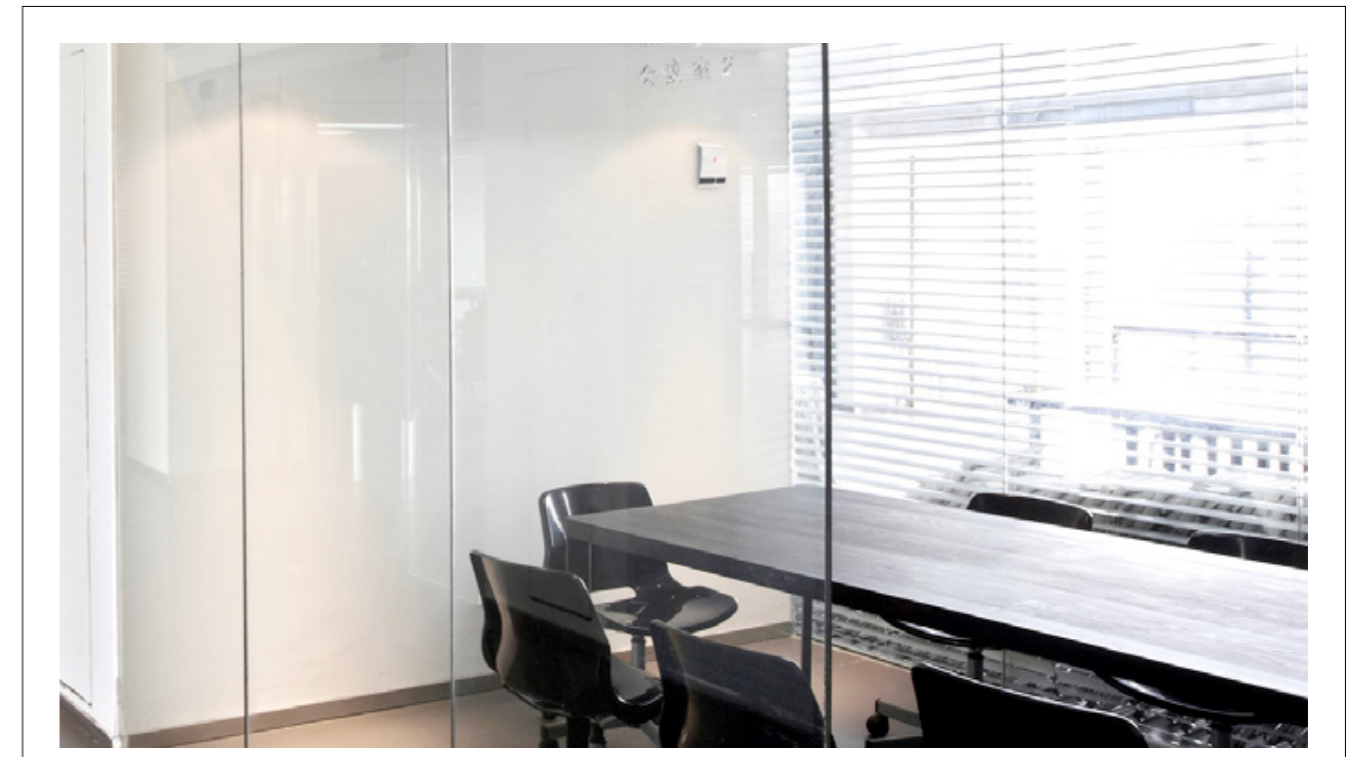
Product	Detection	Interface	Variant	IP rating	EAN	
<p><b>IS 3180</b></p> <p>Infrared motion detectors for corridors, hallways and side rooms</p>  <p><b>With 2 pyro sensors, 4-hour continuous light</b></p> <p><b>Range:</b> Radial max. <math>r = 3\text{ m}</math> (<math>14\text{ m}^2</math>) / <math>r = 4\text{ m}</math> (<math>25\text{ m}^2</math>) Tangential max. <math>r = 6\text{ m}</math> (<math>57\text{ m}^2</math>) / <math>r = 20\text{ m}</math> (<math>628\text{ m}^2</math>)</p> <p><b>Mounting height:</b> 1.80–2.50 m</p> <p><b>COM1: Output:</b> max. 2000 W (LED-ready)</p> <p><b>DALI-2 IPD:</b> Current consumption 3 DALI participants (6 mA)</p> <p><b>KNX: max. current consumption:</b> 12.5 mA</p> <p><b>Dimensions:</b> Surface-mounted, square: 65 x 95 x 95 mm – Concealed wiring, square: 78 x 94 x 94 mm</p> 	<b>Surface mounting, square</b>					
	180°	COM1	white	IP54	<a href="#">4007841 009113</a>	
	180°	PF	white	IP54	<a href="#">4007841 010508</a>	
	180°	DALI-2 APC	white	IP54	<a href="#">4007841 010553</a>	
	180°	DALI-2 IPD	white	IP54	<a href="#">4007841 057350</a>	
	180°	KNX V3.1	white	IP54	<a href="#">4007841 058135</a>	
	<b>Concealed wiring, square</b>					
	180°	COM1	white	IP20	<a href="#">4007841 055721</a>	
	180°	DALI-2 APC	white	IP20	<a href="#">4007841 055738</a>	
	180°	DALI-2 IPD	white	IP20	<a href="#">4007841 057367</a>	
	180°	KNX V3.1	white	IP20	<a href="#">4007841 058142</a>	
	<b>Surface mounting, square</b>					
	360°	COM1	white	IP54	<a href="#">4007841 033569</a>	
	360°	PF	white	IP54	<a href="#">4007841 033583</a>	
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 010577</a>	
	360°	DALI-2 IPD	white	IP54	<a href="#">4007841 057374</a>	
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058364</a>	
	<p><b>IS 3360 MX Highbay</b></p> <p>Infrared motion detectors for high-bay warehouse zones</p>  <p><b>For high elevations, with 3 pyro sensors, 4-hour continuous light</b></p> <p><b>Range:</b> Radial max. <math>\varnothing 14\text{ m}</math> (<math>154\text{ m}^2</math>) Tangential max. <math>\varnothing 36\text{ m}</math> (<math>1018\text{ m}^2</math>)</p> <p><b>Mounting height:</b> 4.00–14.00 m</p> <p><b>COM1: Output:</b> max. 2000 W (LED-ready)</p> <p><b>DALI-2 IPD:</b> Current consumption 3 DALI participants (6 mA)</p> <p><b>KNX: max. current consumption:</b> 12.5 mA</p> <p><b>Dimensions:</b> 65 x 95 x 95 mm</p> 	<b>Surface mounting, square</b>				
		360°	COM1	white	IP54	<a href="#">4007841 033569</a>
		360°	PF	white	IP54	<a href="#">4007841 033583</a>
360°		DALI-2 APC	white	IP54	<a href="#">4007841 010577</a>	
360°		DALI-2 IPD	white	IP54	<a href="#">4007841 057374</a>	
360°		KNX V3.1	white	IP54	<a href="#">4007841 058364</a>	

Product	Detection	Interface	Variant	IP rating	EAN
<b>IS 345 MX Highbay</b> Infrared motion detectors for high-bay warehouse aisles   	<b>Surface mounting, square</b>				
	360°	COM1	white	IP54	<a href="#">4007841 010492</a>
	360°	PF	white	IP54	<a href="#">4007841 010522</a>
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 010591</a>
	360°	DALI-2 IPD	white	IP54	<a href="#">4007841 057398</a>
	360°	KNX V3.1	white	IP54	<a href="#">4007841 058296</a>
<b>For high elevations, with 2 pyro sensors, 4-hour continuous light</b> <b>Range:</b> Radial max. 30 x 4 m (120 m <sup>2</sup> ), tangential max. 30 x 4 m (120 m <sup>2</sup> ) <b>Mounting height:</b> 4.00–14.00 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>DALI-2 IPD:</b> Current consumption 3 DALI participants (6 mA) <b>KNX: max. current consumption:</b> 12.5 mA <b>Dimensions:</b> 65 x 95 x 95 mm					
<b>Light Sensor Dual</b> Twilight switch for offices, conference rooms and classrooms   	<b>Surface mounting, square</b>				
		DALI-2 IPD	white	IP54	<a href="#">4007841 057411</a>
	<b>Surface mounting, round</b>				
		DALI-2 IPD	white	IP54	<a href="#">4007841 057428</a>
	<b>Concealed wiring, square</b>				
		DALI-2 IPD	white	IP20	<a href="#">4007841 057435</a>
		KNX V3.1	white	IP20	<a href="#">4007841 058326</a>
	<b>Concealed wiring, round</b>				
		DALI-2 IPD	white	IP20	<a href="#">4007841 057442</a>
		KNX V3.1	white	IP20	<a href="#">4007841 058340</a>
<b>Light sensor with 2 light measurements (diffused &amp; direct)</b> <b>Twilight setting:</b> 2–1000 lx <b>Mounting height:</b> 2.00–4.00 m <b>KNX: max. current consumption:</b> 12.5 mA <b>Dimensions:</b> square: 51 x 94 x 94 mm – round: Ø 124 x 51 mm					
<b>Smart Remote</b> Remote control 	black				<a href="#">4007841 009151</a>
	<b>For controlling lights and sensors via smartphone or tablet. Replaces the RC1–RC12 remote controls. Incl. 2x AA batteries.</b>				


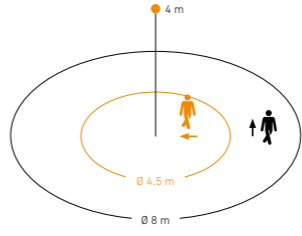

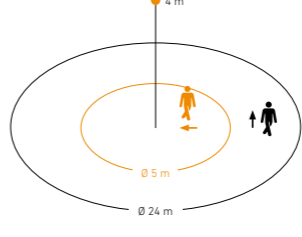
Product	Detection	Interface	Variant	IP rating	EAN	
<b>Corner wall mount 3000</b> 	white				<a href="#">4007841 035174</a>	
	black				<a href="#">4007841 648015</a>	
<b>For internal and external corners, plastic, suitable for IS 3180 and HF 3360.</b>						
<b>Recessed ceiling adapter</b> 	white				<a href="#">4007841 079543</a>	
	<b>Enables ceiling installation of the Control PRO, Control PRO II and 3000 series</b> <b>Dimensions:</b> 67 x 69 mm					
<b>Black cover</b>  	<b>Black covers for IR sensors</b>					
	Surface mounting, square					<a href="#">4007841 056711</a>
	Surface mounting, round					<a href="#">4007841 056735</a>
	Concealed wiring, square					<a href="#">4007841 056728</a>
	Concealed wiring, round					<a href="#">4007841 056742</a>
	<b>Black covers for HF sensors</b>					
	Surface mounting, square					<a href="#">4007841 056674</a>
	Surface mounting, round					<a href="#">4007841 056698</a>
	Concealed wiring, square					<a href="#">4007841 056681</a>
	Concealed wiring, round					<a href="#">4007841 056704</a>
<b>For HF 3360 motion detectors.</b>						

# Eco Plus series from STEINEL for your day-to-day operations.

The new motion and presence detectors in STEINEL's Eco Plus series fulfil the standard requirements of electricians for a smooth transition into contract-based operations. Their functions are concentrated on frequently used everyday requirements, whether it's in the office, in meeting rooms, in passageways or in large areas. With a range of 8 or 24 m, they are extremely versatile. Offering 360° motion and presence detection, the MD/PD-8 ECO and MD/PD-24 ECO sensors represent the utmost in STEINEL quality. These attractive sensors are quick and easy to install in just a few steps thanks to their modular design. What's more, they are configured and operated using the app-based Smart Remote, a service remote control or a potentiometer. Your intelligent lighting control solution not only saves energy and money, but also protects the environment.



Product      Detection    Interface    Variant    IP rating    EAN

Product	Detection	Interface	Variant	IP rating	EAN
<b>MD-8 ECO</b> Infrared motion detector  	<b>Surface-mounted</b>				
	360°	COM1	white	IP54	<b>4007841 087791</b>
	<b>Concealed wiring</b>				
<b>MD-24 ECO</b> Infrared motion detector  	360°	COM1	white	IP54	<b>4007841 087760</b>
	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<b>4007841 087784</b>
<b>Recessed ceiling</b>					
360°    COM1    white    IP20 <b>4007841 087777</b>					
<b>1 pyro motion detector with key input. Installation-friendly thanks to round design and magnetic plug-in connection. Parallel switching of multiple sensors to expand the detection range. Adjusted by potentiometer and remote control, cover caps included</b> <b>Range:</b> Radial max. Ø 4.5 m (16 m <sup>2</sup> ), tangential max. Ø 8 m (57 m <sup>2</sup> ) <b>Mounting height:</b> 2–4 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>Dimensions:</b> Surface-mounted: Ø 129 x 65 mm – Concealed wiring: Ø 109 x 70 mm – Recessed ceiling: Ø 109 x 138 mm					
<b>3 pyro motion detectors with key input. Installation-friendly thanks to round design and magnetic plug-in connection. Parallel switching of multiple sensors to expand the detection range. Adjusted by potentiometer and remote control, cover caps included</b> <b>Range:</b> Radial max. Ø 5 m (20 m <sup>2</sup> ), tangential max. Ø 24 m (471 m <sup>2</sup> ) <b>Mounting height:</b> 2–4 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>Dimensions:</b> Surface-mounted: Ø 129 x 65 mm – Concealed wiring: Ø 109 x 70 mm – Recessed ceiling: Ø 109 x 138 mm					



MD/PD-8 ECO




MD/PD-24 ECO

Product Detection Interface Variant IP rating EAN

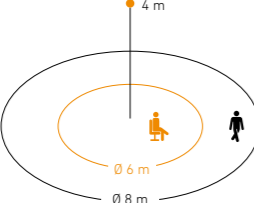
### PD-8 ECO

Infrared presence detector



Surface-mounted				
360°	COM1	white	IP54	<b>4007841 087890</b>
360°	COM1	black	IP54	<b>*4007841 087883</b>
360°	DALI-2 IPD	white	IP54	<b>4007841 088156</b>
360°	DALI-2 IPD	black	IP54	<b>*4007841 088149</b>
360°	KNX V3.1	white	IP54	<b>4007841 087951</b>
360°	KNX V3.1	black	IP54	<b>*4007841 087944</b>
Concealed wiring				
360°	COM1	white	IP20	<b>4007841 087937</b>
360°	COM1	black	IP20	<b>*4007841 087920</b>
360°	DALI-2 IPD	white	IP20	<b>4007841 088194</b>
360°	DALI-2 IPD	black	IP20	<b>*4007841 088187</b>
360°	KNX V3.1	white	IP20	<b>4007841 087999</b>
360°	KNX V3.1	black	IP20	<b>*4007841 087982</b>
Recessed ceiling				
360°	COM1	white	IP20	<b>4007841 087913</b>
360°	COM1	black	IP20	<b>*4007841 087906</b>
360°	DALI-2 IPD	white	IP20	<b>4007841 088163</b>
360°	DALI-2 IPD	black	IP20	<b>*4007841 088170</b>
360°	KNX V3.1	white	IP20	<b>4007841 087975</b>
360°	KNX V3.1	black	IP20	<b>*4007841 087968</b>


**1 pyro presence detector with key input for COM1**  
 With presence range and brightness-based deactivation  
 Installation-friendly thanks to round design and magnetic plug-in connection  
 Parallel switching of multiple sensors to expand the detection range  
 Adjusted by potentiometer and remote control, cover caps included  
**Range:** Radial max. Ø 4.5 m (16 m<sup>2</sup>), tangential max. Ø 8 m (57 m<sup>2</sup>), presence max. Ø 6 m (28 m<sup>2</sup>)  
**Mounting height:** 2–4 m  
**COM1: Output:** max. 2000 W (LED-ready)  
**KNX: max. current consumption:** 10 mA  
**Dimensions:** Surface-mounted: Ø 129 x 65 mm – Concealed wiring: Ø 109 x 70 mm – Recessed ceiling: Ø 109 x 138 mm



Product Detection Interface Variant IP rating EAN

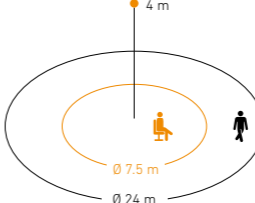
### PD-24 ECO

Infrared presence detector


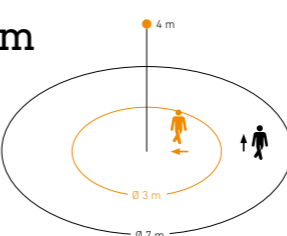

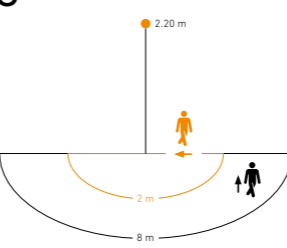

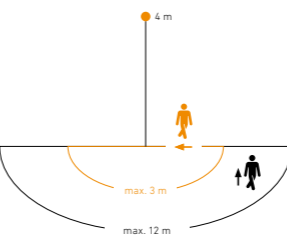

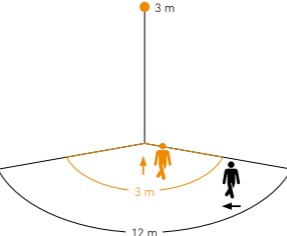

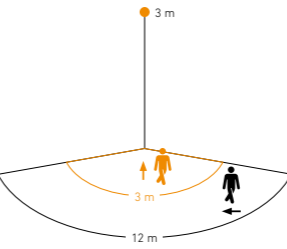


Surface-mounted				
360°	COM1	white	IP54	<b>4007841 087838</b>
360°	COM1	black	IP54	<b>*4007841 087821</b>
360°	DALI-2 IPD	white	IP54	<b>4007841 088231</b>
360°	DALI-2 IPD	black	IP54	<b>*4007841 088224</b>
360°	KNX V3.1	white	IP54	<b>4007841 088019</b>
360°	KNX V3.1	black	IP54	<b>*4007841 088002</b>
Concealed wiring				
360°	COM1	white	IP20	<b>4007841 087876</b>
360°	COM1	black	IP20	<b>*4007841 087869</b>
360°	DALI-2 IPD	white	IP20	<b>4007841 088279</b>
360°	DALI-2 IPD	black	IP20	<b>*4007841 088262</b>
360°	KNX V3.1	white	IP20	<b>4007841 088057</b>
360°	KNX V3.1	black	IP20	<b>*4007841 088040</b>
Recessed ceiling				
360°	COM1	white	IP20	<b>4007841 087852</b>
360°	COM1	black	IP20	<b>*4007841 087845</b>
360°	DALI-2 IPD	white	IP20	<b>4007841 088255</b>
360°	DALI-2 IPD	black	IP20	<b>*4007841 088248</b>
360°	KNX V3.1	white	IP20	<b>4007841 088033</b>
360°	KNX V3.1	black	IP20	<b>*4007841 088026</b>

**3 pyro presence detectors with key input for COM1**  
 With presence range and brightness-based deactivation  
 Installation-friendly thanks to round design and magnetic plug-in connection  
 Parallel switching of multiple sensors to expand the detection range  
 Adjusted by potentiometer and remote control, cover caps included  
**Range:** Radial max. Ø 5 m (20 m<sup>2</sup>), tangential max. Ø 24 m (471 m<sup>2</sup>), presence max. Ø 7.5 m (44 m<sup>2</sup>)  
**Mounting height:** 2–4 m  
**COM1: Output:** max. 2000 W (LED-ready)  
**KNX: max. current consumption:** 10 mA  
**Dimensions:** Surface-mounted: Ø 129 x 65 mm – Concealed wiring: Ø 109 x 70 mm – Recessed ceiling: Ø 109 x 138 mm



Product	Detection	Interface	Variant	IP rating	EAN
<b>IS 2180-2</b> Infrared motion detectors for walls and corners  	180°	COM1	black	IP54	<a href="#">4007841 603717</a>
	180°	COM1	white	IP54	<a href="#">4007841 603816</a>
	180°	COM1	INOX look	IP54	<a href="#">4007841 603915</a>
	180°	COM1	anthracite	IP54	<a href="#">4007841 057664</a>
	<b>Corner wall mount</b>				
			black		<a href="#">4007841 085131</a>
			white		<a href="#">4007841 085148</a>
<b>Surface-mounted motion detector with 2 pyro sensors, optional corner wall mount, 180° lens rotation for range adjustment (5 m / 12 m)</b> <b>Range:</b> Radial max. $r = 1.5\text{ m}$ ( $4\text{ m}^2$ ) / $r = 3\text{ m}$ ( $14\text{ m}^2$ ), tangential max. $r = 5\text{ m}$ ( $39\text{ m}^2$ ) / $r = 12\text{ m}$ ( $226\text{ m}^2$ ) <b>Mounting height:</b> 1.80–4.00 m <b>Mounting site:</b> Wall, ceiling <b>COM1: Output:</b> max. 1000 W (LED-ready) <b>Dimensions:</b> 55 x 78 x 120 mm					
<b>IS D360</b> Infrared motion detector for spot control  	360°	COM1	white	IP20	<a href="#">4007841 601317</a>
	<b>Recessed ceiling sensor with the dimensions of a bulb (e.g. GU10) 4-hour continuous light, incl. standard white trim</b> <b>Range:</b> Radial max. $\varnothing 8\text{ m}$ ( $50\text{ m}^2$ ), tangential max. $\varnothing 16\text{ m}$ ( $201\text{ m}^2$ ) <b>Mounting height:</b> 2.50–4.00 m <b>Mounting site:</b> Ceiling <b>COM1: Output:</b> max. 1000 W (LED-ready) <b>Dimensions:</b> $\varnothing 83 \times 82\text{ mm}$				
<b>IS 2360 DE ECO 8 m</b> Infrared motion detectors for recessed ceilings  	360°	COM1	white	IP54	<a href="#">4007841 034733</a>
	<b>GST variant</b>				
	360°	COM1	white	IP54	<a href="#">4007841 068462</a>
<b>Ideal for installation in canopy roofs and suspended ceilings</b> <b>Covers included in scope of delivery</b> <b>Range:</b> Radial max. $\varnothing 4\text{ m}$ ( $13\text{ m}^2$ ), tangential max. $\varnothing 8\text{ m}$ ( $50\text{ m}^2$ ) <b>Mounting height:</b> 2.2–4 m <b>Mounting site:</b> Ceiling <b>COM1: Output:</b> max. 1000 W (LED-ready) <b>Dimensions:</b> $\varnothing 78 \times 89\text{ mm}$					
<b>IS 2360-3 ECO 24 m</b> Infrared motion detectors for ceilings  	360°	COM1	white	IP54	<a href="#">4007841 057770</a>
	360°	COM1	black	IP54	<a href="#">4007841 081706</a>
<b>Surface-mounted motion detector with 3 pyro sensors</b> <b>Range:</b> Radial max. $\varnothing 6\text{ m}$ ( $28\text{ m}^2$ ), tangential max. $\varnothing 24\text{ m}$ ( $452\text{ m}^2$ ) <b>Mounting height:</b> 2.50–6.00 m <b>Mounting site:</b> Ceiling <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>Dimensions:</b> $\varnothing 121 \times 57\text{ mm}$					
<b>IS 2300 ECO</b> Infrared motion detectors for walls  	300°	COM1	white	IP54	<a href="#">4007841 034719</a>
	300°	COM1	black	IP54	<a href="#">4007841 034726</a>
<b>Surface-mounted motion detector with 3 pyro sensors</b> <b>Range:</b> tangential max. $\varnothing 12\text{ m}$ ( $120\text{ m}^2$ ) <b>Mounting height:</b> 2.00 m <b>Mounting site:</b> Wall <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>Dimensions:</b> 85 x 60 x 95 mm					

Product	Detection	Interface	Variant	IP rating	EAN
<b>IS 2360 ECO 7 m</b> Infrared motion detectors for ceilings  	360°	COM1	white	IP54	<a href="#">4007841 006556</a>
	<b>Surface-mounted motion detector. Ideal for canopy roofs or small indoor spaces, 664 switching zones, 1 switching output, number of LEDs / fluorescent lamps: 6.</b> <b>Range:</b> Radial max. $\varnothing 3\text{ m}$ ( $7\text{ m}^2$ ), tangential max. $\varnothing 7\text{ m}$ ( $38\text{ m}^2$ ) <b>Mounting height:</b> 2.00–4.00 m <b>Mounting site:</b> Ceiling <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>Dimensions:</b> $\varnothing 115 \times 51\text{ mm}$				
<b>IR 2180 UP ECO</b> Infrared sensor switch for wall installation  	180°	COM1	white	IP20	<a href="#">4007841 065003</a>
	<b>Concealed wiring motion detector wall switch for 2- or 3-wire installation</b> <b>Range:</b> Radial max. $r = 2\text{ m}$ ( $6\text{ m}^2$ ), tangential max. $r = 8\text{ m}$ ( $101\text{ m}^2$ ) <b>Mounting height:</b> 1.10–2.2 m <b>Mounting site:</b> Wall <b>COM1: Output:</b> max. 200 W (LED-ready) <b>Dimensions:</b> 57 x 81 x 81 mm				
<b>IS 2180 ECO</b> Infrared motion detectors for walls  	180°	COM1	black	IP54	<a href="#">4007841 034702</a>
	180°	COM1	white	IP54	<a href="#">4007841 034696</a>
	180°	COM1	anthracite	IP54	<a href="#">4007841 064907</a>
	<b>Corner wall mount</b>				
				white	<a href="#">4007841 085148</a>
			black	<a href="#">4007841 085131</a>	
<b>Surface-mounted motion detector with 2 pyro sensors, optional corner wall mount</b> <b>Range:</b> Radial max. $r = 1.5\text{ m}$ ( $4\text{ m}^2$ ) / $r = 3\text{ m}$ ( $14\text{ m}^2$ ), tangential max. $r = 5\text{ m}$ ( $39\text{ m}^2$ ) / $r = 12\text{ m}$ ( $226\text{ m}^2$ ) <b>Mounting height:</b> 1.80–4.00 m <b>Mounting site:</b> Wall, ceiling <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>Dimensions:</b> 55 x 78 x 120 mm					
<b>IS 2160 ECO</b> Infrared motion detectors for walls  	160°	COM1	black	IP54	<a href="#">4007841 605919</a>
	160°	COM1	white	IP54	<a href="#">4007841 606015</a>
<b>Surface-mounted motion detector with 2 pyro sensors</b> <b>Range:</b> Radial max. $r = 3\text{ m}$ ( $13\text{ m}^2$ ), tangential max. $r = 12\text{ m}$ ( $201\text{ m}^2$ ) <b>Mounting height:</b> 1.80–3.00 m <b>Mounting site:</b> Wall <b>COM1: Output:</b> max. 600 W (LED-ready) <b>Dimensions:</b> 73 x 78 x 113 mm					
<b>IS 2140 ECO</b> Infrared motion detectors for walls  	140°	COM1	black	IP54	<a href="#">4007841 034689</a>
	140°	COM1	white	IP54	<a href="#">4007841 034672</a>
<b>Surface-mounted motion detector with 2 pyro sensors</b> <b>Range:</b> Radial max. $r = 3\text{ m}$ ( $11\text{ m}^2$ ), tangential max. $r = 14\text{ m}$ ( $239\text{ m}^2$ ) <b>Mounting height:</b> 1.80–3.00 m <b>Mounting site:</b> Wall <b>COM1: Output:</b> max. 600 W (LED-ready) <b>Dimensions:</b> 83 x 99 x 86 mm					

### Interfaces and wiring diagrams 3000 series

#### COM1

Switching light

<b>Power supply</b> 220–240 V, 50/60 Hz  <b>Time setting</b> 5 sec – 15 min + pulse mode (approx. 2 sec)	<b>Surface-mounted</b> 	<b>Concealed wiring</b> 																			
	<b>Output</b> <table border="1"> <tr> <td>Filament bulb / halogen lamp load</td> <td>2000 W</td> <td>Low-voltage halogen lamps</td> <td>2000 VA</td> </tr> <tr> <td></td> <td></td> <td>LED &lt; 2 W</td> <td>100 W</td> </tr> <tr> <td></td> <td></td> <td>2 W &lt; LED &lt; 8 W</td> <td>100 W</td> </tr> <tr> <td></td> <td></td> <td>LED &gt; 8 W</td> <td>600 W</td> </tr> <tr> <td></td> <td></td> <td>Capacitive load</td> <td>176 µF</td> </tr> </table>		Filament bulb / halogen lamp load	2000 W	Low-voltage halogen lamps	2000 VA			LED < 2 W	100 W			2 W < LED < 8 W	100 W			LED > 8 W	600 W			Capacitive load
Filament bulb / halogen lamp load	2000 W	Low-voltage halogen lamps	2000 VA																		
		LED < 2 W	100 W																		
		2 W < LED < 8 W	100 W																		
		LED > 8 W	600 W																		
		Capacitive load	176 µF																		

#### Master

#### Master/Master

#### Connection via a two-way switch for continuous light and automatic mode

Setting I: Automatic mode  
Setting II: Manual mode, continuous illumination

Note: The system cannot be switched OFF; it is only possible to choose between setting I and setting II.

#### Connection via a series switch for manual and automatic operation

### PF

Switching a floating relay

<b>Power supply</b> 220–240 V, 50/60 Hz  <b>Time setting</b> 5 sec – 15 min + pulse mode (approx. 2 sec)	<b>Surface-mounted</b> 	<b>Concealed wiring</b> 
	<b>Output</b> 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 lamp load      2000 W Low-voltage halogen lamps                    2000 VA LED < 2 W    100 W 2 W < LED < 8 W                                 100 W LED > 8 W                                         600 W Capacitive load                                   176 µF	

#### Master

NO SELV  
max. 10A, 240V AC/24V DC  
min. 100mA, 12V AC/DC DC

### KNX

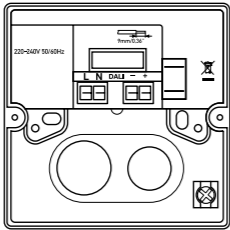
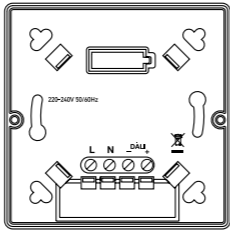
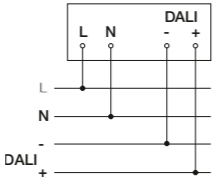
Digital bus interface for controlling 2 light channels and HVAC

<b>Power supply</b> Via KNX bus voltage	<b>Surface-mounted</b> 	<b>Concealed wiring</b> 
	<b>Configuration</b> via ETS software, remote control or BUS  <b>Functions</b> Light output x2, constant lighting control x2, basic light function, absence, presence output, HVAC output, twilight switch, brightness value, sabotage, logic gate	

### Interfaces and wiring diagrams 3000 series


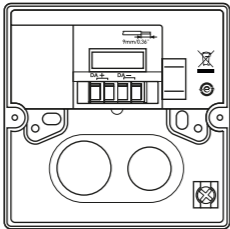
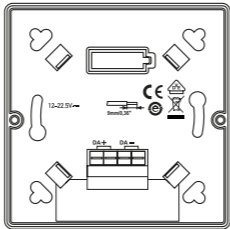
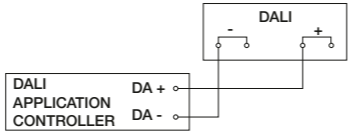
#### DALI-2 application controller

Digital DIM interface for controlling 1 light channel

<p><b>Power supply</b> 220–240 V, 50/60 Hz max. 2.5 mm<sup>2</sup></p> <p><b>Time setting</b> 5 sec – 15 min</p>	<p><b>Surface-mounted</b></p> 	<p><b>Concealed wiring</b></p> 
	<p><b>Control output</b> 2-core control line, single-master Application controller / broadcast Guaranteed supply current 60 mA Maximum supply current 250 mA</p> <p><b>Constant lighting control</b> User-friendly DALI function, basic brightness ON, OFF, 10–30 min, all night, 10–50%</p>	<p><b>Master</b></p> 

#### DALI-2 input device

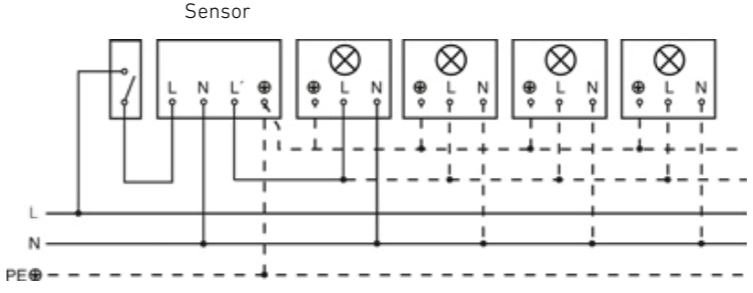
Communication of information on presence and brightness value to a DALI application controller

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

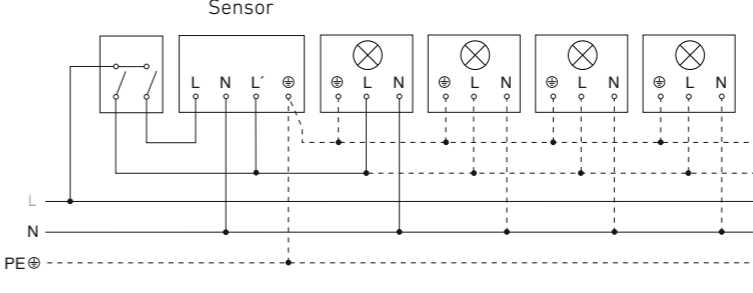
### Wiring diagrams for the 2000 / 2000 ECO series

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

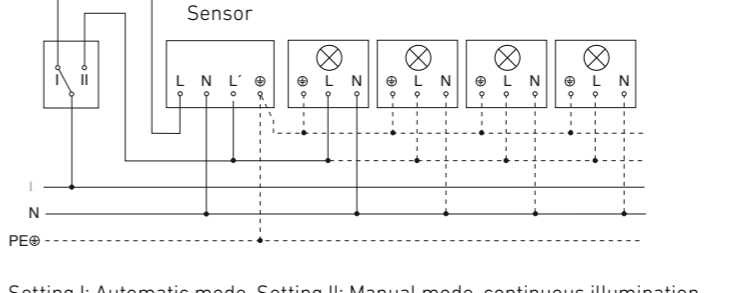
#### Sensor and light connection



#### Connection via a series switch for manual and automatic operation



#### Connection via a two-way switch for continuous light and automatic mode

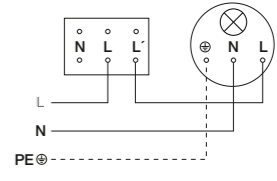


Setting I: Automatic mode, Setting II: Manual mode, continuous illumination  
Note: The system cannot be switched OFF;  
it is only possible to choose between setting I and setting II.

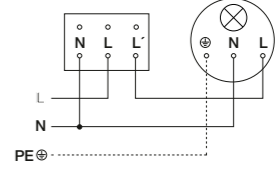
### Wiring diagrams for IR 2180 UP ECO

IR 2180 UP ECO

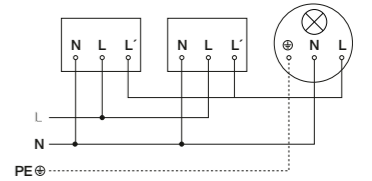
#### Two-wire connection



#### Three-wire connection



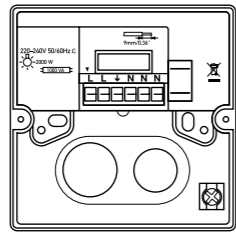
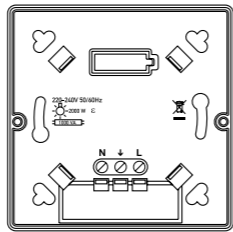
#### Connection of multiple sensors



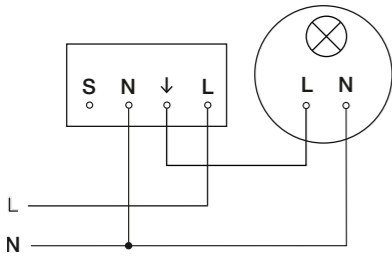
### Interfaces and wiring diagrams Eco Plus series

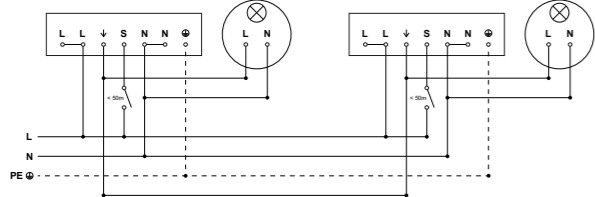
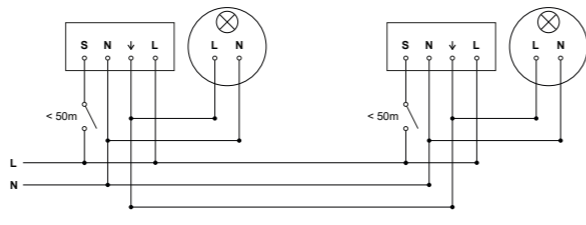
#### COM1

Switching light, parallel switching incl. L detection

<b>Power supply</b> 220–240 V, 50/60 Hz  <b>Time setting</b> 5 sec – 60 min	<b>Surface-mounted</b> 	<b>Concealed wiring</b> 
	<b>Output</b> Filament bulb / halogen lamp load      2000 W Low-voltage halogen lamps                2000 VA LED (max. 50 units)                         500 W Capacitive load                                 176 µF	

**Master**

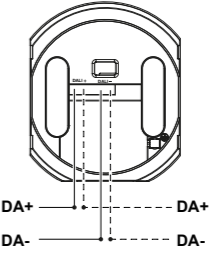
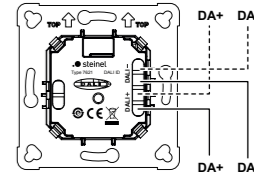


<b>Surface-mounted parallel switching</b> 	<b>Concealed wiring parallel switching</b> 
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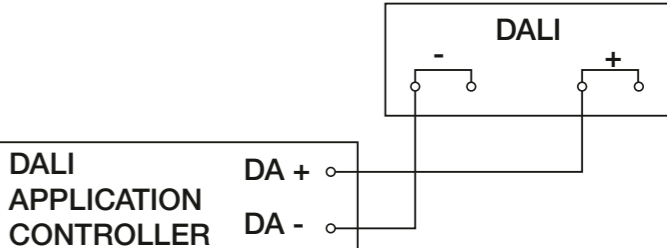
### Interfaces and wiring diagrams Eco Plus series

#### DALI-2 input device

Communication of information on presence and brightness value to a DALI-2 application controller

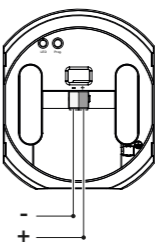
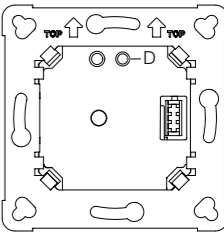
<b>Power supply</b> via DALI Bus Power consumption via DALI (12–22.5 V DC, no SELV): Max. current consumption according to IEC 62386-101: 84 mA  Max current consumption at 10 V Input voltage in regular operation: 17 mA  Typical current consumption at 16 V Input voltage in regular operation: 12 mA	<b>Surface-mounted</b> 	<b>Concealed wiring</b> 
	<b>Control output</b> DALI-2 input device  DALI control line (multi-master capability for communication with DALI application controller / DALI sensor)	

**DALI-2 IPD to DALI-2 APC**



#### KNX

Digital bus interface for controlling 2 light channels and HVAC

<b>Power supply</b> Via KNX bus voltage	<b>Surface-mounted</b> 	<b>Concealed wiring</b> 
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**Configuration**  
via ETS software, remote control or BUS

**Functions**  
Light output x2, constant lighting control x2, basic light function, absence, presence output, HVAC output, twilight switch, brightness value, sabotage, logic gate



# HPD. Smarter than ever thanks to optical multisensor technology.

STEINEL has achieved a quantum leap in sensor technology through the use of human presence detection (HPD). HPD sensors are the world's first presence detectors that not only detect but also count the number of people present, regardless of whether they are moving or not. The sheer magnitude of this kind of information is only now coming to light. In addition to the already integrated temperature and humidity sensors, the HPD3 is capable of VOC measurement, which is opening up a whole new world of possibilities. And as if that weren't enough, lighting, heating, and air conditioning can now all be controlled based on the number of people present in a room, tailored to their specific needs.



Film on use in FlexDesk / meeting room management applications



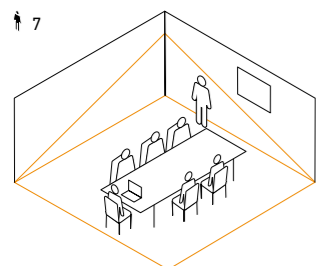
HPD2 | Wall



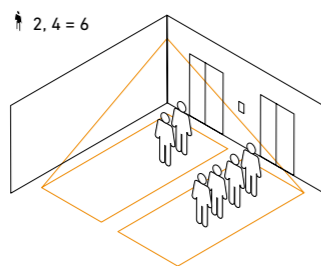
HPD3 | Ceiling



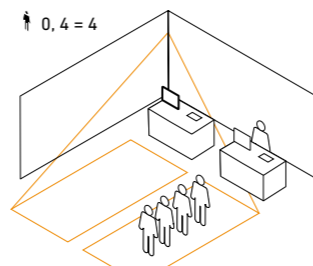
Bluetooth MESH



Reliable detection of the number of people in the room.



Live information about occupancy and frequency.



Data provision for situational analyses.



### Organise flexible workspaces.


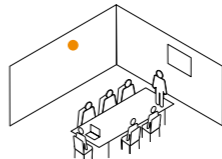

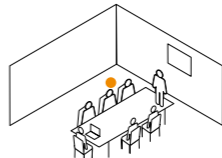
A workspace in a major international city can cost upwards of €10,000 per year, yet half of the desks are often left empty. Our desk-sharing solution allows you to check where seats are still free at a glance. Now that's one way to improve occupancy rates and save money.



### Manage meeting rooms.

Which meeting rooms are free? Which ones are occupied? Where is the meeting being held? Our meeting room solution offers a quick and reliable solution for determining room utilisation and actual occupancy, even down to how many people are in the room.

Number of people	Zoning	Temperature	Brightness	Humidity	VOC (HPD3)	CO <sub>2</sub> -equivalent (HPD3)

Product	Detection	Interface	Variant	IP rating	EAN
<b>HPD2</b> Optical sensor  	110 °	IP	Surface-mounted	IP20	<a href="#">4007841 033965</a>
	110 °	KNX	Surface-mounted	IP20	<a href="#">4007841 033200</a>
<b>Camera multisensor for wall mounting. Detects and counts people present.</b> KNX: additional measurement of temperature & humidity IP protocols: REST API, MQTT, BACnet Range: Radial max. r = 10 m (96 m <sup>2</sup> ), tangential max. r = 10 m (96 m <sup>2</sup> ), presence max. r = 10 m (96 m <sup>2</sup> ) Mounting height: 2.30–6.00 m					
<b>HPD3</b> Optical sensor Bluetooth MESH  	110 °	IP	Concealed wiring	IP20	<a href="#">4007841 067304</a>
	110 °	IP	Surface-mounted	IP20	<a href="#">4007841 067298</a>
<b>Camera multisensor for ceiling mounting. Detects and counts people present.</b> With additional temperature, VOC, humidity, high-frequency sensors and CO <sub>2</sub> equivalent. IP protocols: REST API, MQTT, BACnet Range: Radial max. of optical sensor: r = 10 m (96 m <sup>2</sup> ) Tangential max. of optical sensor: r = 10 m (96 m <sup>2</sup> ) Presence max. of optical sensor: r = 10 m (96 m <sup>2</sup> ) Mounting height: 2.30–5.00 m Dimensions: Ø 125 x 52 mm					

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

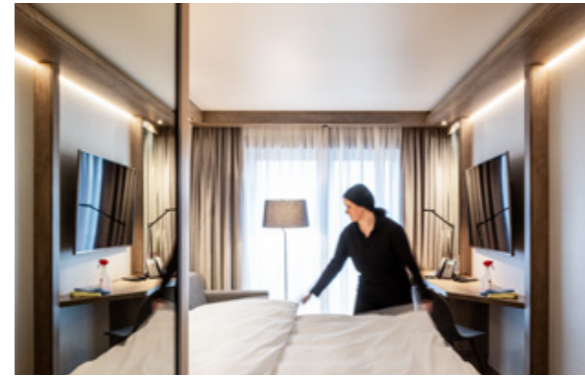
In the further development of our successful Control PRO series, the exceptional design already hints at the revolutions happening inside. With our True Presence® technology, we are now able to detect people's actual presence for the first time. This reliable feedback, offering details on whether they are walking, standing, sitting, or sleeping, is already opening up entirely new possibilities in building automation. But we are taking it a step further with our Control PRO II sensors. In addition to presence detection, they can also measure factors such as temperature and humidity. Configuration, commissioning and networking are performed conveniently and wirelessly via Bluetooth. The sensors also include an additional gold contact relay for switching very small currents in the mA range in the COM2 interface.



Film on use in hotel industry applications



True Presence (%)	Brightness (lx)	Temperature (°C)	Humidity (%)	CO <sub>2</sub> (ppm)	VOC (ppb)	Air pressure (mbar)	Noise level (IP, BT IPD) (db)



### Hotel industry

Making guests feel more at home, and saving energy



### School & learning institutes

A good indoor climate helps to create the perfect atmosphere for learning

## 7 interfaces

### COM1

- Switching light
- Fully/semi-automatic, pushbutton connection, networking

### COM2

- Switching light (presence & motion)
- Switching HVAC (presence)
- Fully/semi-automatic, pushbutton connection, networking

### BT IPD

- Range expansion for sensors at all interfaces
- Provides information on presence and brightness value
- Also with multisensor for CO<sub>2</sub>, VOC, air pressure, temperature, humidity and noise level

### DALI-2 APC

- Broadcast/addressable for up to 64 DALI lights
- Multi-master support
- Up to 3 DALI groups + multizone
- Constant light regulation, basic light function
- Fully/semi-automatic, pushbutton connection, networking

### DALI-2 IPD

- Connection to higher-level application controller / BMS
- Delivers information on presence, brightness, temperature and humidity
- Also with multisensor for CO<sub>2</sub>, VOC, air pressure and noise level

### KNX

- 4 light channels / 2 constant light channels
- Also with multisensor for CO<sub>2</sub> and VOC
- HVAC / presence / absence
- Threshold controller
- Temperature and humidity
- Dew point alarm, comfort
- Logic gate

### IP

- Powered by PoE
- MQTT, BACnet and REST API
- Delivers information on presence, brightness, temperature and humidity
- Also with multisensor for CO<sub>2</sub>, VOC, air pressure and noise level

Control PRO II overview				
<b>True Presence® technology</b>				
<b>Measured variables</b>	Human presence, brightness, temperature and humidity (KNX)	Human presence, brightness, temperature, humidity, air pressure, VOC, CO <sub>2</sub> , (DALI-2 IPD, IP and BT IPD: plus noise level + infection risk)	Human presence, brightness, temperature, humidity, air pressure, VOC, CO <sub>2</sub> , infection risk	Brightness, temperature, humidity, air pressure, VOC, CO <sub>2</sub> , BT IPD: plus noise level + infection risk)
<b>Concealed wiring</b>				
<b>COM1</b>	<a href="#">4007841 057923</a>			
<b>COM2</b>	<a href="#">4007841 057947</a>			
<b>DALI-2 APC</b>	<a href="#">4007841 057961</a>			
<b>DALI-2 IPD</b>		<a href="#">4007841 081829</a>		
<b>KNX</b>	<a href="#">4007841 056339</a>	<a href="#">4007841 056353</a>	<a href="#">4007841 079208</a>	<a href="#">4007841 056346</a>
<b>IP</b>	<a href="#">4007841 066031</a>	<a href="#">4007841 081867</a>		
<b>BT IPD (Slave)</b>	<a href="#">4007841 064518</a>	<a href="#">4007841 084127</a>		<a href="#">4007841 084264</a>
<b>Surface-mounted</b>				
<b>COM1</b>	<a href="#">4007841 057916</a>			
<b>COM2</b>	<a href="#">4007841 057930</a>			
<b>DALI-2 APC</b>	<a href="#">4007841 057954</a>			
<b>DALI-2 IPD</b>		<a href="#">4007841 081812</a>		
<b>KNX</b>				
<b>IP</b>	<a href="#">4007841 066024</a>	<a href="#">4007841 081850</a>		
<b>BT IPD (Slave)</b>	<a href="#">4007841 064525</a>	<a href="#">4007841 084110</a>		
<b>KNX surface-mounted adapter</b>	<a href="#">4007841 063887</a>	<a href="#">4007841 063870</a>		
<b>Recessed ceiling</b>				
<b>COM1</b>	<a href="#">4007841 079444</a>			
<b>KNX</b>	<a href="#">4007841 079451</a>			

Switching capacities	
<b>COM1</b>	max. 2000 W, max. 600 W LED
<b>COM2</b>	Switching output 1: max. 2000 W, max. 600 W LED. Switching output 2: max. 230 W, max. 1 A
<b>DALI-2 APC</b>	1x 2-core broadcast control line + addressable for 64 DALI electronic ballasts

Power supply	
<b>DALI-2 IPD</b>	DALI bus power supply (Multisensor: additional 230 B power supply)
<b>KNX</b>	KNX bus power supply, digital bus interface for 2 light channels and HVAC
<b>BT IPD slave</b>	For range expansion via Bluetooth
<b>IP</b>	Continuous power: Active PoE nominal voltage V DC (44–57 V DC), <0.95 A or passive PoE 18–57 VDC, <4 W   BACnet, MQTT, REST:API

Control PRO II overview				
<b>Measured variables</b>	Brightness, temperature, humidity, air pressure, VOC, CO <sub>2</sub> , infection risk	Presence function, brightness, temperature and humidity (DALI-2 IPD, IP, KNX)	Presence function, brightness, temperature and humidity (KNX, DALI-2 IPD, IP)	Presence function, brightness, temperature and humidity (KNX, DALI-2 IPD, IP)
<b>Concealed wiring</b>				
<b>COM1</b>		<a href="#">4007841 057985</a>	<a href="#">4007841 064433</a>	
<b>COM2</b>		<a href="#">4007841 058005</a>	<a href="#">4007841 064242</a>	
<b>DALI-2 APC</b>		<a href="#">4007841 058029</a>	<a href="#">4007841 064266</a>	
<b>DALI-2 IPD</b>		<a href="#">4007841 064532</a>	<a href="#">4007841 064280</a>	<a href="#">4007841 064372</a>
<b>KNX</b>	<a href="#">4007841 079192</a>	<a href="#">4007841 079086</a>	<a href="#">4007841 064303</a>	<a href="#">4007841 064846</a>
<b>IP</b>		<a href="#">4007841 066161</a>	<a href="#">4007841 065973</a>	<a href="#">4007841 065959</a>
<b>BT IPD (Slave)</b>		<a href="#">4007841 064556</a>	<a href="#">4007841 064419</a>	
<b>Surface-mounted</b>				
<b>COM1</b>		<a href="#">4007841 057978</a>	<a href="#">4007841 064440</a>	
<b>COM2</b>		<a href="#">4007841 057992</a>	<a href="#">4007841 064259</a>	
<b>DALI-2 APC</b>		<a href="#">4007841 058012</a>	<a href="#">4007841 064273</a>	
<b>DALI-2 IPD</b>		<a href="#">4007841 064549</a>	<a href="#">4007841 064297</a>	<a href="#">4007841 064389</a>
<b>KNX</b>		<a href="#">4007841 064488</a>	<a href="#">4007841 079079</a>	<a href="#">4007841 064853</a>
<b>IP</b>		<a href="#">4007841 066154</a>	<a href="#">4007841 065966</a>	<a href="#">4007841 065942</a>
<b>BT IPD (Slave)</b>		<a href="#">4007841 064563</a>	<a href="#">4007841 064426</a>	
<b>Surface-mounted adapter</b>				
<b>Recessed ceiling</b>				
<b>COM1</b>		<a href="#">4007841 079468</a>	<a href="#">4007841 079420</a>	
<b>KNX</b>		<a href="#">4007841 079475</a>	<a href="#">4007841 079437</a>	<a href="#">4007841 079413</a>




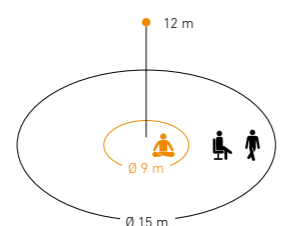
**True Presence®:** Human presence, temperature and humidity (KNX)


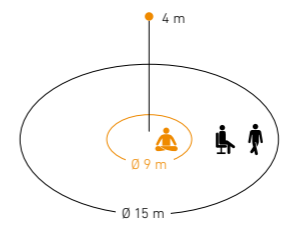

<b>COM1</b> Concealed wiring	<a href="#">4007841 068509</a>
<b>KNX V3.0</b> Concealed wiring	<a href="#">4007841 068516</a>
<b>COM1</b> Surface-mounted	<a href="#">4007841 068493</a>


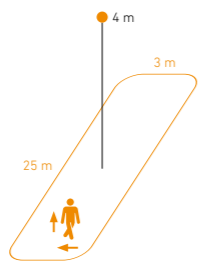


**Hallway:** Presence function, temperature and humidity (KNX)

<b>COM1</b> Concealed wiring	<a href="#">4007841 082055</a>
<b>KNX V3.5</b> Concealed wiring	<a href="#">4007841 082079</a>
<b>COM1</b> Surface-mounted	<a href="#">4007841 082048</a>
<b>KNX V3.5</b> Surface-mounted	<a href="#">4007841 082062</a>

Product	Detection	Interface	Variant	IP rating	EAN
<b>True Presence®</b> Presence detector 	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<a href="#">4007841 057923</a>
	360°	COM1	black	IP20	<a href="#">4007841 068509</a>
	360°	COM2	white	IP20	<a href="#">4007841 057947</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 057961</a>
	360°	KNX V3.0	white	IP20	<a href="#">4007841 056339</a>
	360°	KNX V3.0	black	IP20	<a href="#">4007841 068516</a>
	360°	IP	white	IP20	<a href="#">4007841 066031</a>
	360°	BT IPD (Slave)	white	IP20	<a href="#">4007841 064518</a>
	<b>Surface-mounted</b>				
	360°	COM1	white	IP54	<a href="#">4007841 057916</a>
	360°	COM1	black	IP54	<a href="#">4007841 068493</a>
	360°	COM2	white	IP54	<a href="#">4007841 057930</a>
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 057954</a>
	360°	IP	white	IP54	<a href="#">4007841 066024</a>
	360°	BT IPD (Slave)	white	IP54	<a href="#">4007841 064525</a>
	<b>Recessed ceiling</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079444</a>
	360°	KNX V3.0	white	IP20	<a href="#">4007841 079451</a>
	<b>KNX surface-mounted adapter</b>				
			white	IP20	<a href="#">4007841 063887</a>
	Digital detection management, wireless networking & configuration via Bluetooth. KNX: additional measurement of temperature & humidity <b>Range:</b> 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) <b>Mounting height:</b> 2.00–12.00 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>KNX: max. current consumption:</b> 30 mA <b>Dimensions:</b> Concealed wiring: max. 52 x 103 x 103 mm – Surface mounting: 45 x 123 x 123 mm – Recessed ceiling: 88 x 103 x 103 mm				
					

Product	Detection	Interface	Variant	IP rating	EAN	
<b>True Presence® Multisensor</b> Presence detector + air quality sensor 	<b>Concealed wiring</b>					
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 081829</a>	
	360°	KNX V3.0	white	IP20	<a href="#">4007841 056353</a>	
	360°	IP	white	IP20	<a href="#">4007841 081867</a>	
	360°	BT IPD (Slave)	white	IP20	<a href="#">4007841 084127</a>	
	<b>Surface-mounted</b>					
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 081812</a>	
	360°	IP	white	IP20	<a href="#">4007841 081850</a>	
	360°	BT IPD (Slave)	white	IP20	<a href="#">4007841 084110</a>	
	<b>Aerosol variant</b>					
	360°	KNX V3.0		IP20	<a href="#">4007841 079208</a>	
	<b>KNX surface-mounted adapter</b>					
			white		<a href="#">4007841 063870</a>	
	Digital detection management via Bluetooth or bus interface. Additional measurement of the temperature, humidity, air pressure, CO2, volatile organic compounds (VOC). New DALI-2 IPD, IP, BT IPD interfaces based on new Bluetooth Mesh standard, plus noise level measurement. Adjustable RGB LED lights and acoustic signal tone for infection risk, consumed air and CO2. KNX Aerosol variant: Alert regarding potential infection risk as communication object. <b>Range:</b> 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) <b>Mounting height:</b> 2.00–12.00 m <b>KNX: max. current consumption:</b> 40 mA <b>Dimensions:</b> 33 x 123 x 123 mm					
						
	<b>Multisensor Air</b> Air quality sensor 		KNX V3.0	white	IP20	<a href="#">4007841 056346</a>
			BT IPD (Slave)	white	IP20	<a href="#">4007841 084264</a>
		<b>Aerosol variant</b>				
		KNX V3.0	white	IP20	<a href="#">4007841 079192</a>	
<b>KNX surface-mounted adapter</b>						
			white		<a href="#">4007841 063870</a>	
Configuration via Bluetooth. Multisensor for measuring brightness, temperature, humidity, air pressure, CO2 and volatile organic compounds (VOC). KNX Aerosol variant: Alert regarding potential infection risk as communication object. New BT IPD interface based on new Bluetooth Mesh standard, plus noise level measurement. Adjustable RGB LED lights and acoustic signal tone for infection risk, consumed air and CO2. <b>Mounting height:</b> 4.00 m <b>KNX: max. current consumption:</b> 15 mA <b>Dimensions:</b> 33 x 123 x 123 mm						

Product	Detection	Interface	Variant	IP rating	EAN
<h2>Hallway</h2> <p>High-frequency hallway &amp; corridor presence detector</p>  <p><b>Wireless networking &amp; configuration via Bluetooth. IP, KNX and DALI-2 IPD: additional measurement of temperature &amp; humidity</b></p> <p><b>Range:</b> Radial max. 25 x 3 m (75 m<sup>2</sup>), tangential max. 25 x 3 m (75 m<sup>2</sup>)</p> <p><b>Mounting height:</b> 2.00–4.00 m</p> <p><b>COM1: Output:</b> max. 2000 W (LED-ready)</p> <p><b>DALI-2 IPD:</b> Current consumption 13 DALI participants (25 mA)</p> <p><b>KNX: max. current consumption:</b> 30 mA</p> <p><b>Dimensions:</b>                      Concealed wiring: max. 68 x 103 x 103 mm –                      Surface-mounted: 62 x 123 x 123 mm –                      Recessed ceiling: 105 x 103 x 103 mm</p> 	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<a href="#">4007841 057985</a>
	360°	COM1	black	IP20	<a href="#">4007841 082055</a>
	360°	COM2	white	IP20	<a href="#">4007841 058005</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 058029</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 064532</a>
	360°	KNX V3.5	white	IP20	<a href="#">4007841 079086</a>
	360°	KNX V3.5	black	IP20	<a href="#">4007841 082079</a>
	360°	IP	white	IP20	<a href="#">4007841 066161</a>
	360°	BT IPD (Slave)	white	IP20	<a href="#">4007841 064556</a>
	<b>Surface-mounted</b>				
	360°	COM1	white	IP54	<a href="#">4007841 057978</a>
	360°	COM1	black	IP54	<a href="#">4007841 082048</a>
	360°	COM2	white	IP54	<a href="#">4007841 057992</a>
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 058012</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 064549</a>
	360°	KNX V3.5	white	IP20	<a href="#">4007841 079079</a>
	360°	KNX V3.5	black	IP20	<a href="#">4007841 082062</a>
	360°	IP	white	IP20	<a href="#">4007841 066154</a>
	360°	BT IPD (Slave)	white	IP54	<a href="#">4007841 064563</a>
	<b>Recessed ceiling</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079468</a>
	360°	KNX V3.5	white	IP20	<a href="#">4007841 079475</a>

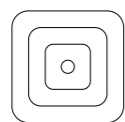
Product	Detection	Interface	Variant	IP rating	EAN	
<h2>HF 360-2</h2> <p>High-frequency presence detector</p>  <p><b>Digital detection management. Wireless networking &amp; configuration via Bluetooth. KNX, IP &amp; DALI-2 IPD: additional measurement of temperature &amp; humidity</b></p> <p><b>Range:</b> Radial max. Ø 12 m (113 m<sup>2</sup>), tangential max. Ø 12 m (113 m<sup>2</sup>)</p> <p><b>Mounting height:</b> 2.50–4.00 m</p> <p><b>COM1: Output:</b> max. 2000 W (LED-ready)</p> <p><b>DALI-2 IPD:</b> Current consumption 11 DALI participants (21 mA)</p> <p><b>KNX: max. current consumption:</b> 30 mA</p> <p><b>Dimensions:</b> Concealed wiring: max. 65 x 103 x 103 mm –                      Surface-mounted: 57 x 123 x 123 mm –                      Recessed ceiling: 61 x 103 x 103 mm</p> 	<b>Concealed wiring</b>					
	360°	COM1	white	IP20	<a href="#">4007841 064433</a>	
	360°	COM2	white	IP20	<a href="#">4007841 064242</a>	
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 064266</a>	
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 064280</a>	
	360°	KNX V3.5	white	IP20	<a href="#">4007841 064303</a>	
	360°	IP	white	IP20	<a href="#">4007841 065973</a>	
	360°	BT IPD (Slave)	white	IP20	<a href="#">4007841 064419</a>	
	<b>Surface-mounted</b>					
	360°	COM1	white	IP54	<a href="#">4007841 064440</a>	
	360°	COM2	white	IP54	<a href="#">4007841 064259</a>	
	360°	DALI-2 APC	white	IP54	<a href="#">4007841 064273</a>	
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 064297</a>	
	360°	KNX V3.5	white	IP20	<a href="#">4007841 064860</a>	
	360°	IP	white	IP20	<a href="#">4007841 065966</a>	
	360°	BT IPD (Slave)	white	IP54	<a href="#">4007841 064426</a>	
	<b>Recessed ceiling</b>					
	360°	COM1	white	IP20	<a href="#">4007841 079420</a>	
	360°	KNX V3.5	white	IP20	<a href="#">4007841 079437</a>	
	<h2>IR Quattro HD-2 24 m</h2> <p>Infrared presence detector</p>  <p><b>Bluetooth MESH</b></p> <p><b>Digital detection management. Wireless networking &amp; configuration via Bluetooth Connect Mesh. KNX, IP &amp; DALI-2 IPD: additional measurement of temperature &amp; humidity</b></p> <p><b>Switching zones:</b> 5200 switching zones</p> <p><b>Range:</b> Radial max. 9 x 9 m (81 m<sup>2</sup>), tangential max. 24 x 24 m (576 m<sup>2</sup>), presence max. 9 x 9 m (81 m<sup>2</sup>)</p> <p><b>Mounting height:</b> 2.50–10.00 m</p> <p><b>COM1: Output:</b> max. 2000 W (LED-ready)</p> <p><b>DALI-2 IPD:</b> Current consumption 10 DALI participants (20 mA)</p> <p><b>KNX: max. current consumption:</b> 10 mA</p> <p><b>Dimensions:</b> Concealed wiring: max. 72 x 103 x 103 mm –                      Surface-mounted: 64 x 123 x 123 mm –                      Recessed ceiling: 61 x 103 x 103 mm</p> 	<b>Concealed wiring</b>				
		360°	DALI-2 IPD	white	IP20	<a href="#">4007841 064372</a>
		360°	KNX V3.5	white	IP20	<a href="#">4007841 064846</a>
		360°	IP	white	IP20	<a href="#">4007841 065959</a>
		<b>Surface-mounted</b>				
		360°	DALI-2 IPD	white	IP20	<a href="#">4007841 064389</a>
		360°	KNX V3.5	white	IP20	<a href="#">4007841 064853</a>
		360°	IP	white	IP20	<a href="#">4007841 065942</a>
		<b>Recessed ceiling</b>				
		360°	KNX V3.5	white	IP20	<a href="#">4007841 079413</a>

# Control PRO. The all-rounder for presence detection.

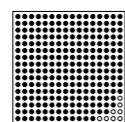
The detection tasks of presence sensors vary depending on the room type and local conditions. Offices, classrooms, conference rooms, warehouses, sports halls, and particularly high spaces all have different requirements in terms of sensor detection zones. The Control PRO system covers the spectrum of application areas most effectively with infrared, high-frequency, and ultrasound sensor technology to accommodate every room situation. Our micro-sensors with a 4 mm installation height come into play when ceiling installations are intended to be nearly invisible.



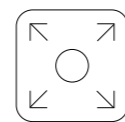
IR Quattro HD



Square detection zone.



4800 switching zones



Mechanically scalable



**Hotel industry**  
Presence switch rather than manual light switch



**Office & work environments**  
Virtually invisible installation



**Residential construction**  
High-frequency technology for long corridors



**Schools & learning institutes**  
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 m<sup>2</sup>

Square detection zone, mechanically scalable

iQ Mode


Self-programming, automatic run-on time


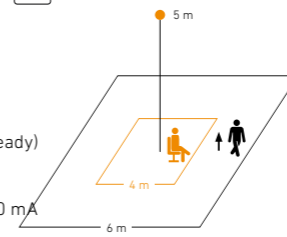

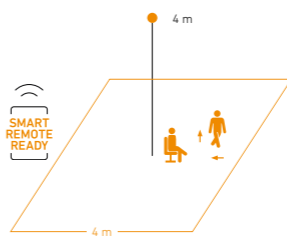

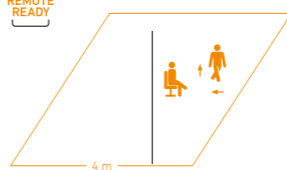

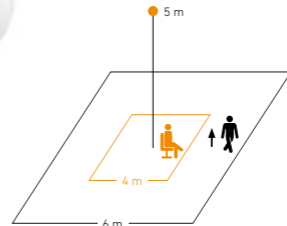
Control PRO overview							
<b>Technology</b>	Infrared	Infrared	Infrared	Infrared	Infrared	Infrared	
<b>Concealed wiring</b>							
<b>COM1</b>	<a href="#">4007841 002794</a>	<a href="#">4007841 000349</a>			<a href="#">4007841 032951</a>		
<b>COM2</b>	<a href="#">4007841 002770</a>	<a href="#">4007841 000356</a>					
<b>DALI-2 APC</b>	<a href="#">4007841 002756</a>	<a href="#">4007841 002749</a>				<a href="#">4007841 06715</a>	
<b>DALI-2 IPD</b>	<a href="#">4007841 057497</a>				<a href="#">4007841 057510</a>		<a href="#">4007841 057732</a>
<b>KNX V3.1</b>	<a href="#">4007841 058470</a>	<a href="#">4007841 058487</a>			<a href="#">4007841 058500</a>		
<b>Surface-mounted</b>							
<b>COM1</b>	<a href="#">4007841 592400</a>	<a href="#">4007841 592301</a>					
<b>DALI-2 APC</b>						<a href="#">4007841 067137</a>	
<b>DALI plus</b>	<a href="#">4007841 035273</a>						
<b>Recessed ceiling</b>							
<b>COM1</b>	<a href="#">4007841 079369</a>	<a href="#">4007841 079345</a>	<a href="#">4007841 053789</a>				
<b>DALI-2 APC</b>	<a href="#">4007841 079376</a>	<a href="#">4007841 079352</a>				<a href="#">4007841 067144</a>	
<b>DALI-2 IPD</b>			<a href="#">4007841 053871</a>				
<b>DALI plus</b>	<a href="#">4007841 035204</a>						
<b>KNX V3.1</b>	<a href="#">4007841 079383</a>	<a href="#">4007841 079390</a>	<a href="#">4007841 064129</a>	<a href="#">4007841 058494</a>			
<b>GST variant</b>							
			<a href="#">4007841 068486</a>				

Switching capacities	
<b>COM1</b>	See product
<b>COM2</b>	Switching output 1: max. 2000 W, max. 8 x LEDs. Switching output 2: max. 230 W, max. 1 A
<b>DALI-2 APC</b>	Broadcast control line for 2 x 12 DALI electronic ballasts (IR MICRO Office up to 20 DALI participants)
<b>DALI plus</b>	DALI addressable for 3 groups / up to 64 DALI electronic ballasts
Power supply	
<b>KNX</b>	KNX bus voltage supply
<b>DALI-2 IPD</b>	DALI bus power supply

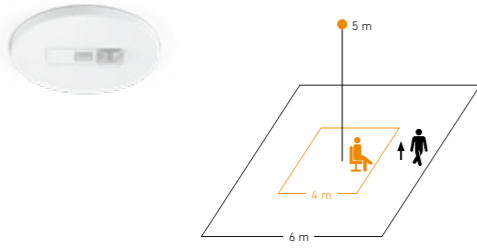


Control PRO overview					
<b>Technology</b>	High-frequency	High-frequency	Infrared + ultrasound	Ultrasound	Ultrasound
<b>Concealed wiring</b>					
<b>COM1</b>	<a href="#">4007841 002800</a>	<a href="#">4007841 002978</a>	<a href="#">4007841 007997</a>	<a href="#">4007841 007935</a>	<a href="#">4007841 007843</a>
<b>COM2</b>	<a href="#">4007841 002848</a>		<a href="#">4007841 008000</a>		
<b>DALI-2 APC</b>	<a href="#">4007841 002817</a>	<a href="#">4007841 003005</a>			
<b>DALI-2 IPD</b>	<a href="#">4007841 057480</a>	<a href="#">4007841 057459</a>		<a href="#">4007841 057534</a>	<a href="#">4007841 057466</a>
<b>KNX V3.1</b>	<a href="#">4007841 059484</a>	<a href="#">4007841 059477</a>	<a href="#">4007841 059521</a>	<a href="#">4007841 059514</a>	<a href="#">4007841 059491</a>
<b>Surface-mounted</b>					
<b>COM1</b>	<a href="#">4007841 751302</a>	<a href="#">4007841 590703</a>			
<b>Recessed ceiling</b>					
<b>COM1</b>	<a href="#">4007841 079512</a>	<a href="#">4007841 079482</a>	<a href="#">4007841 079574</a>	<a href="#">4007841 079611</a>	<a href="#">4007841 079598</a>
<b>DALI-2 APC</b>	<a href="#">4007841 079529</a>	<a href="#">4007841 079499</a>			
<b>KNX V3.1</b>	<a href="#">4007841 079536</a>	<a href="#">4007841 079505</a>	<a href="#">4007841 079581</a>	<a href="#">4007841 079628</a>	<a href="#">4007841 079604</a>




Control PRO black sensors				
<b>Technology</b>	Infrared	Infrared	Infrared	High-frequency
<b>Concealed wiring</b>				
<b>COM1</b>	<a href="#">4007841 068608</a>			
<b>KNX V3.1</b>	<a href="#">4007841 068622</a>			<a href="#">4007841 082277</a>
<b>Surface-mounted</b>				
<b>COM1</b>	<a href="#">4007841 068615</a>			
<b>Recessed ceiling</b>				
<b>COM1</b>		<a href="#">4007841 068639</a>		
<b>KNX V3.1</b>		<a href="#">4007841 068646</a>	<a href="#">4007841 082260</a>	<a href="#">4007841 079536</a>

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

Product	Detection	Interface	Variant	IP rating	EAN	
<b>IR Quattro MICRO 6 m</b> Infrared presence detector  <p><b>Square detection zone</b>  <b>Range:</b> Radial max. 4 x 4 m (16 m<sup>2</sup>), tangential max. 6 x 6 m (36 m<sup>2</sup>), presence max. 4 x 4 m (16 m<sup>2</sup>)  <b>Mounting height:</b> 2.50–4.00 m  <b>COM1: Output:</b> max. 1000 W (LED-ready)  <b>DALI-2 IPD:</b> Current consumption 2 DALI participants (4 mA)  <b>KNX: max. current consumption:</b> 10 mA  <b>Dimensions:</b> Ø 43 x 75 mm</p> 	<b>Recessed ceiling</b>					
	360°	COM1	white	IP65	<a href="#">4007841 053789</a>	
	360°	COM1	black	IP65	<a href="#">4007841 068639</a>	
	360°	DALI-2 IPD	white	IP65	<a href="#">4007841 053871</a>	
	360°	KNX V3.1	white	IP65	<a href="#">4007841 064129</a>	
	360°	KNX V3.1	black	IP65	<a href="#">4007841 068646</a>	
	<b>GST variant</b>					
	360°	COM1	white	IP65	<a href="#">4007841 068486</a>	
	<b>Recessed ceiling</b>					
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058494</a>	
<b>6 m extension cable, 4 P4C plugs, RJ10 connector</b>						
		black		<a href="#">4007841 006419</a>		
<b>Square detection zone. Low installation height of just 4 mm.</b> <b>Range:</b> Radial max. 4 x 4 m (16 m <sup>2</sup> ), tangential max. 4 x 4 m (16 m <sup>2</sup> ), presence max. 4 x 4 m (16 m <sup>2</sup> ) <b>Mounting height:</b> 2.50–4 m <b>KNX: max. current consumption:</b> 10 mA <b>Dimensions:</b> 55 x 77 x 77 mm						
<b>IR Quattro SLIM 4 m</b> Infrared presence detector  	<b>Concealed wiring</b>					
	360°	COM1	white	IP20	<a href="#">4007841 032951</a>	
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057510</a>	
	360°	KNX V3.1	black	IP20	<a href="#">4007841 082260</a>	
	360°	KNX V3.1	white	IP20	<a href="#">4007841 058500</a>	
	<b>Square detection zone. Low installation height of just 6 mm, incl. round cover</b> <b>Range:</b> Radial max. 4 x 4 m (16 m <sup>2</sup> ), tangential max. 4 x 4 m (16 m <sup>2</sup> ), presence max. 4 x 4 m (16 m <sup>2</sup> ) <b>Mounting height:</b> 2.50–4.00 m <b>COM1: Output:</b> max. 1000 W (LED-ready) <b>DALI-2 IPD:</b> Current consumption 2 DALI participants (4 mA) <b>KNX: max. current consumption:</b> 10 mA <b>Dimensions:</b> max. 55 x 80 x 80 mm					
	<b>IR Quattro SLIM XS 4 m</b> Infrared presence detector  	<b>Concealed wiring</b>				
		360°	DALI-2 APC	white	IP20	<a href="#">4007841 067151</a>
		<b>Surface-mounted</b>				
		360°	DALI-2 APC	white	IP20	<a href="#">4007841 067137</a>
<b>Recessed ceiling</b>						
360°		DALI-2 APC	white	IP20	<a href="#">4007841 067144</a>	
<b>Square detection zone, patented multi-segment pyro sensor, Broadcast control as a single-master application controller for up to 20 DALI participants Incl. constant lighting control and new Bluetooth Connect Mesh standard</b> <b>Switching zones:</b> 168 switching zones <b>Range:</b> Radial max. 4 x 4 m (16 m <sup>2</sup> ), tangential max. 6 x 6 m (36 m <sup>2</sup> ), presence max. 4 x 4 m (16 m <sup>2</sup> ) <b>Mounting height:</b> 2.00–5.00 m <b>Dimensions:</b> UP: 85 x 37 mm – AP: 106 x 45 mm – DE: 85 x 69 mm						
<b>IR Micro Office</b> Infrared presence detector  <p><b>Bluetooth MESH</b></p> 		<b>Concealed wiring</b>				
		360°	DALI-2 APC	white	IP20	<a href="#">4007841 067151</a>
		<b>Surface-mounted</b>				
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 067137</a>	
	<b>Recessed ceiling</b>					
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 067144</a>	



Product	Detection	Interface	Variant	IP rating	EAN
<b>IR Micro</b> Infrared presence detector 	<b>Concealed wiring</b>				
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057732</a>
<b>HF 360</b> High-frequency presence detector  <p><b>Electronically adjustable with dual-sided damping. Normal/test mode, semi-/fully automatic, pushbutton/switch operation, manual ON / ON-OFF</b></p> <p><b>Range:</b> Radial max. Ø 12 m (113 m<sup>2</sup>), tangential max. Ø 12 m (113 m<sup>2</sup>)  <b>Mounting height:</b> 2.50–3.50 m  <b>COM1: Output:</b> max. 2000 W (LED-ready)  <b>DALI-2 IPD:</b> Current consumption 5 DALI participants (10 mA)  <b>KNX: max. current consumption:</b> 30 mA  <b>Dimensions:</b>                      Concealed wiring: max. 56 x 120 x 120 mm –                      Surface-mounted: 51 x 120 x 120 mm –                      Recessed ceiling: 94 x 120 x 120 mm</p>	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<a href="#">4007841 002800</a>
	360°	COM2	white	IP20	<a href="#">4007841 002848</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 002817</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057480</a>
	360°	KNX V3.1	black	IP20	<a href="#">4007841 082277</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 059484</a>
	<b>Surface-mounted</b>				
	360°	COM1	white	IP20	<a href="#">4007841 751302</a>
	<b>Recessed ceiling</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079512</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 079529</a>
360°	KNX V3.1	white	IP20	<a href="#">4007841 079536</a>	
<b>Dual HF</b> High-frequency hallway & corridor presence detector  <p><b>Dual directional pattern for up to 20 m radial detection zone</b></p> <p><b>Range:</b> Radial max. 20 x 3 m (60 m<sup>2</sup>), tangential max. 20 x 3 m (60 m<sup>2</sup>)  <b>Mounting height:</b> 2.50–3.50 m  <b>COM1: Output:</b> max. 2000 W (LED-ready)  <b>DALI-2 IPD:</b> Current consumption 7 DALI participants (14 mA)  <b>KNX: max. current consumption:</b> 30 mA  <b>Dimensions:</b>                      Concealed wiring: max. 74 x 120 x 120 mm –                      Surface-mounted: 70 x 120 x 120 mm –                      Recessed ceiling: 122 x 120 x 120 mm</p>	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<a href="#">4007841 002978</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 003005</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057459</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 059477</a>
	<b>Surface-mounted</b>				
	360°	COM1	white	IP20	<a href="#">4007841 590703</a>
	<b>Recessed ceiling</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079482</a>
	360°	DALI-2 APC	white	IP20	<a href="#">4007841 079499</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 079505</a>

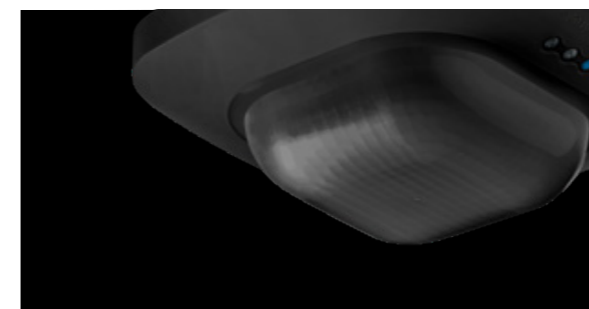
Product	Detection	Interface	Variant	IP rating	EAN
<b>DualTech</b> Ultrasound & infrared presence detector 	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<a href="#">4007841 007997</a>
<b>US 360</b> Ultrasound presence detector 	360°	COM2	white	IP20	<a href="#">4007841 008000</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 059521</a>
	<b>Recessed ceiling</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079574</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 079581</a>
	<b>Ideal for offices, conference rooms and classrooms. Temperature-independent, reliable detection – even behind objects – by ultrasound. Additional detection possibilities offered by PIR technology</b> <b>Range:</b> Radial max. of ultrasound: Ø 10 m (79 m <sup>2</sup> ), tangential max. ultrasound: Ø 10 m (79 m <sup>2</sup> ), presence max. ultrasound: Ø 6 m (28 m <sup>2</sup> ) <b>Mounting height:</b> 2.50–3.50 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>DALI-2 IPD:</b> Current consumption 12 DALI participants (24 mA) <b>KNX: max. current consumption:</b> 17.5 mA <b>Dimensions:</b> UP: 66 x 120 x 120 mm – DE: 103 x 120 x 120 mm				
	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<a href="#">4007841 007935</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057534</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 059514</a>
	<b>Recessed ceiling</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079611</a>
360°	KNX V3.1	white	IP20	<a href="#">4007841 079628</a>	
<b>Surrounds objects without penetrating. Temperature-independent detection. Electronically adjustable range</b> <b>Range:</b> Radial max. Ø 10 m (79 m <sup>2</sup> ), tangential max. Ø 10 m (79 m <sup>2</sup> ), presence max. Ø 6 m (28 m <sup>2</sup> ) <b>Mounting height:</b> 2.50–3.50 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>DALI-2 IPD:</b> Current consumption 12 DALI participants (24 mA) <b>KNX: max. current consumption:</b> 17.5 mA <b>Dimensions:</b> UP: 68 x 120 x 120 mm – DE: 105 x 120 x 120 mm					
<b>Dual US</b> Ultrasound presence detector 	<b>Concealed wiring</b>				
	360°	COM1	white	IP20	<a href="#">4007841 007843</a>
	360°	DALI-2 IPD	white	IP20	<a href="#">4007841 057466</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 059491</a>
	<b>Recessed ceiling</b>				
	360°	COM1	white	IP20	<a href="#">4007841 079598</a>
	360°	KNX V3.1	white	IP20	<a href="#">4007841 079604</a>
	<b>Monitors the entire corridor and even around corners.</b> <b>Range:</b> Radial max. 20 x 3 m (60 m <sup>2</sup> ), tangential max. 20 x 3 m (60 m <sup>2</sup> ) <b>Mounting height:</b> 2.50–3.50 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>DALI-2 IPD:</b> Current consumption 12 DALI participants (24 mA) <b>KNX: max. current consumption:</b> 17.5 mA <b>Dimensions:</b> Concealed wiring: max. 71 x 120 x 120 mm – Recessed ceiling: 109 x 120 x 120 mm				

# Stylish in every application.

When it comes to STEINEL motion sensors and presence detectors, planners and fitters now have a choice of colours. For virtually invisible integration in a dark installation environment, our sensors are now also available in black. These are ideal for modern, darker environments, such as interiors with a concrete aesthetic or ceilings painted black. As a result, they blend seamlessly into the installation environment. For the perfect combination of an attractive look and innovative sensor technology.



	IS 3360	IS 345	IR Quattro HD 24 m	IR Quattro MICRO 6 m	IR Quattro SLIM XS 4 m	HF 360	True Presence®	Hallway	IS 2360-3
<b>Concealed wiring</b>									
COM1	•		•				•	•	
KNX	•	•	•			•	•	•	
<b>Surface-mounted</b>									
COM1	•		•				•	•	•
KNX	•	•						•	
<b>Recessed ceiling</b>									
COM1				•					
KNX				•	•	•			



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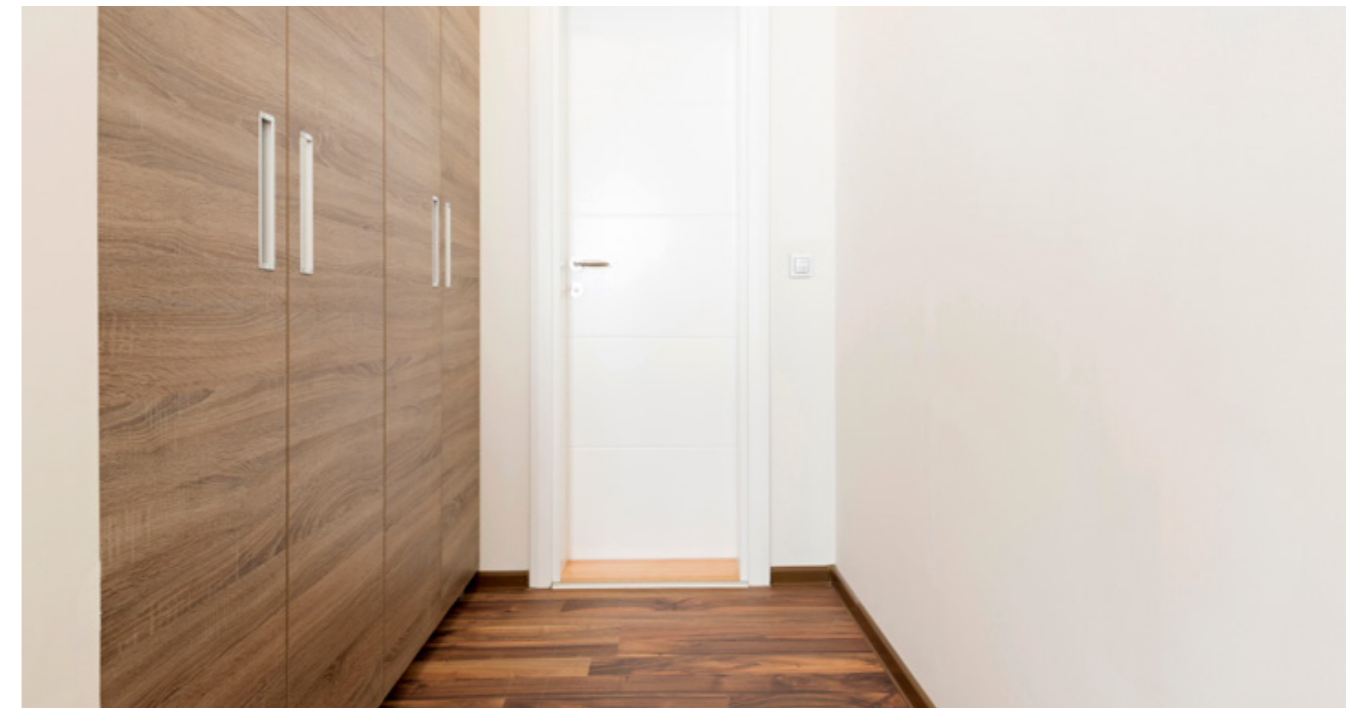
**Modern detail**

Black ceilings or ceilings in a concrete aesthetic are increasingly popular in modern architecture. In situations like these, black sensors are an important detail of the planning and design.

We currently offer 9 motion and presence detectors complete with various interfaces. Our range of sensors in black is constantly expanding.

# Presence switches. Seamless control of any light source without flickering.

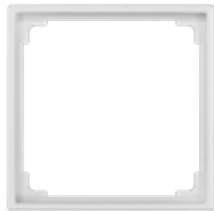




Back to the future. Energy-efficient light sources are gaining in popularity and adding a sense of fun to spaces everywhere. The downside, however, is that the combination of traditional sensor switches with this modern type of lighting often results in a flickering effect. The only way to achieve trouble-free reduced power consumption here is to use halogen lamps. This is where STEINEL now offers the perfect solution. The IR 180 UNIVERSAL features a SuperCap and galvanic isolation of the line via a relay to prevent leakage current. In this way, every light source can be switched conveniently without the risk of flickering. A small invention with a big impact and a real world first.






IR 180 UNIVERSAL

	Halogen	T5	LED	CFL
IR 180 Universal	•	•	•	•
Conventional 2-wire switch	•	–	–	–
Compatible with all common switch series				

Product	Detection	Interface	Variant	IP rating	EAN
<b>IR 180 UNIVERSAL</b> Infrared presence switch 	180 °	COM1	white	IP20	<a href="#">4007841 033149</a>
	With 2-wire cabling. 0 W current consumption in standby, for each light source <b>Range:</b> Radial max. r = 4 m (25 m <sup>2</sup> ), tangential max. r = 20 m (628 m <sup>2</sup> ), presence max. r = 4 m (25 m <sup>2</sup> ) <b>Mounting height:</b> 1.10–1.20 m <b>COM1: Output:</b> max. 200 W (LED-ready) <b>Dimensions:</b> 30 x 80 x 80 mm				
<b>IR 180</b> Infrared presence switch 	180 °	COM1	white	IP20	<a href="#">4007841 029944</a>
	180 °	KNX V3.1	white	IP20	<a href="#">4007841 058463</a>
With 3-wire cabling. <b>KNX: additional measurement of temperature &amp; humidity</b> <b>Range:</b> Radial max. r = 4 m (25 m <sup>2</sup> ), tangential max. r = 12 m (226 m <sup>2</sup> ), presence max. r = 4 m (25 m <sup>2</sup> ) <b>Mounting height:</b> 1.10–1.20 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>KNX: max. current consumption:</b> 12 mA <b>Dimensions:</b> 30 x 80 x 80 mm					
<b>HF 180</b> High-frequency presence detector 	180 °	COM1	white	IP20	<a href="#">4007841 032883</a>
	180 °	KNX V3.1	white	IP20	<a href="#">4007841 059460</a>
With 3-wire cabling. <b>KNX: additional measurement of temperature &amp; humidity</b> <b>Range:</b> Radial max. r = 8 m (101 m <sup>2</sup> ), tangential max. r = 8 m (101 m <sup>2</sup> ) <b>Mounting height:</b> 1.20–2.20 m <b>COM1: Output:</b> max. 2000 W (LED-ready) <b>KNX: max. current consumption:</b> 30 mA <b>Dimensions:</b> 30 x 80 x 80 mm					

Product	Detection	Interface	Variant	IP rating	EAN
<b>Adapter frame</b> For IR/HF 180 	Busch-Jaeger (carat / solo / Busch-axcent / future linear / pure stainless steel)				
	white				<a href="#">4007841 034139</a>
	Jung (A500 / AS500)				
	white				<a href="#">4007841 034184</a>
	Feller (EDIZIOdue)				
	white				<a href="#">4007841 034160</a>
For integration into frames from Busch-Jaeger, Jung and Feller					
<b>RC5</b> Remote control 	black				<a href="#">4007841 592806</a>
	Option to store 2 light scenes, each with light dimming function, continuous 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				
<b>RC8</b> Remote control 	black				<a href="#">4007841 559410</a>
	Twilight setting, run-on times, teach-in, sensitivity, range (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				
<b>Smart Remote</b> Remote control 	black				<a href="#">4007841 009151</a>
	For controlling lights and sensors via smartphone or tablet. Replaces the RC1-RC12 remote controls. Incl. 2x AA batteries.				
<b>Guard cage</b> Control PRO 	white				<a href="#">4007841 003036</a>
	For protection from damage caused by balls, vandalism, etc.				

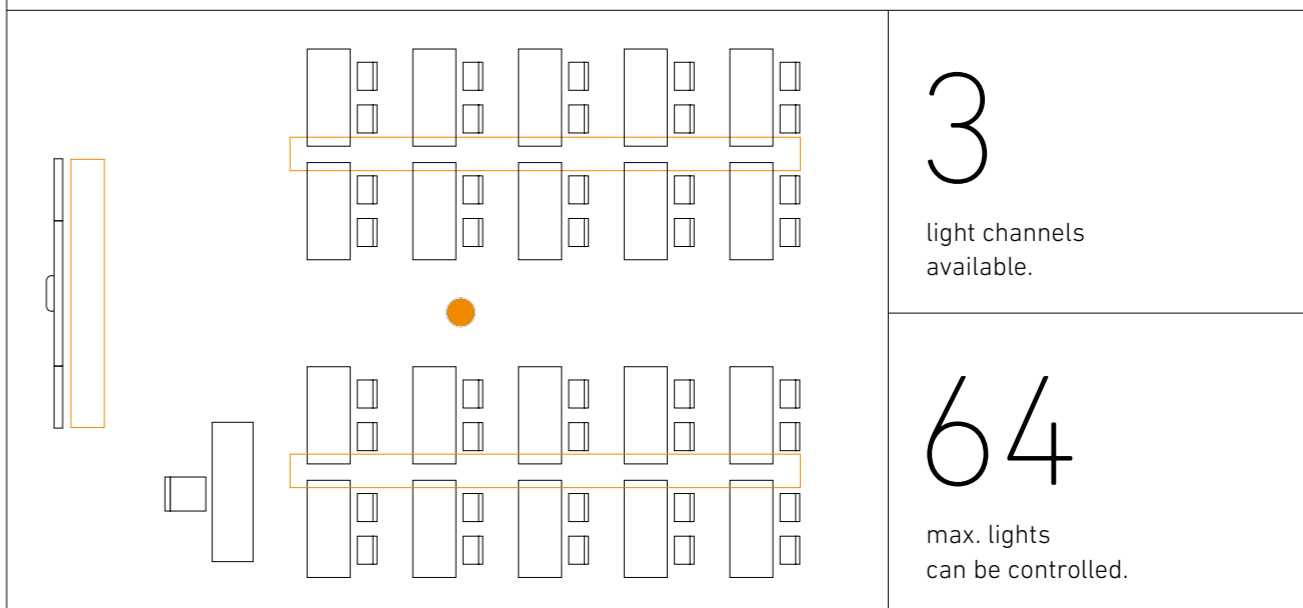
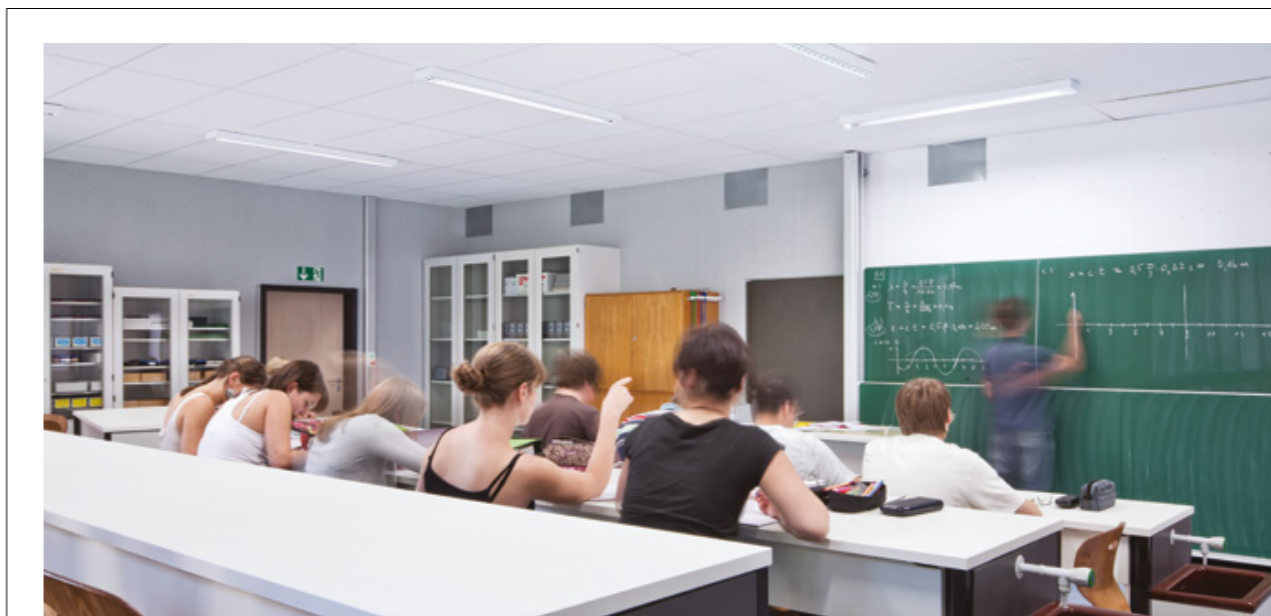
Product	Detection	Interface	Variant	IP rating	EAN
<b>Surface-mounted adapter</b> Control PRO AP Box (IP54) 	white				<a href="#">4007841 000363</a>
	black				<a href="#">4007841 082031</a>
IP54. Straightforward surface mounting with 4x cable entries and a large terminal compartment.					
<b>HF ceiling adapter</b> 	white				<a href="#">4007841 006600</a>
	For suspended ceilings. Invisible installation				
<b>Recessed ceiling adapter</b> 	white				<a href="#">4007841 079543</a>
	Enables ceiling installation of the Control PRO, Control PRO II and 3000 series				

# Pure intelligence – built into a single sensor.

The DALI plus system is built on the foundations of the intelligent IR Quattro HD DALI plus presence detector. This versatile solution is suitable for mounting heights ranging from 2.5 to 10 metres. It features 3 light channels (DALI addressable) and can control up to 64 lights. What's more, it also offers the option to operate the 64 lights in broadcast mode (factory default setting). A further feature comes in the form of an additional floating relay. All functions can be controlled using 4 button interfaces (light channels: ON/OFF, dim. 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.



IR Quattro HD  
DALI plus



Product	Detection	Interface	Variant	IP rating	EAN
<b>IR Quattro HD DALI plus</b> Infrared presence detector	360°	<b>DALI plus</b>	Installation	<b>IP20</b>	<a href="#">4007841 035204</a>
	360°	<b>DALI plus</b>	Surface-mounted	<b>IP20</b>	<a href="#">4007841 035273</a>

**Scalable square detection zone**  
4800 switching zones  
**Range:** Radial max. 8 x 8 m (64 m<sup>2</sup>)  
Tangential max. 20 x 20 m (400 m<sup>2</sup>)  
Presence max. 8 x 8 m (64 m<sup>2</sup>)  
**Mounting height:** 2.50–10.00 m  
**Dimensions:**  
Surface mounting: 65 x 120 x 120 mm –  
Concealed installation: 124 x 120 x 120 mm

# DALI-2 – the new standard

## Application controller (APC)



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

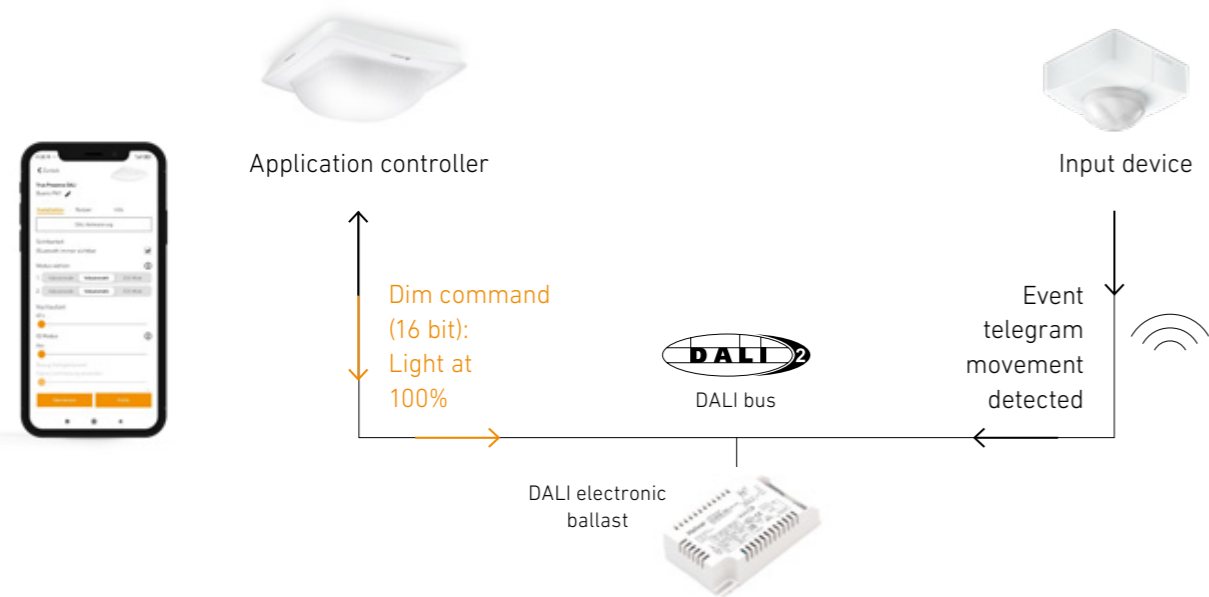
## Input device (IPD)



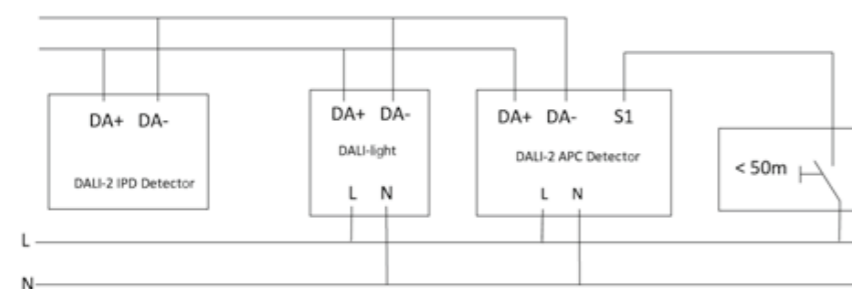
works with LiveLink

- Pure input device (data supplier)
- Informs the system about changes in the environment and user entries
- Compatible with automation interfaces
- Only sends event messages unprompted

## Communication between APC & IPD



## DALI-2 APC connection



>70

Certified DALI-2 products

APC

Application controller – with bus supply

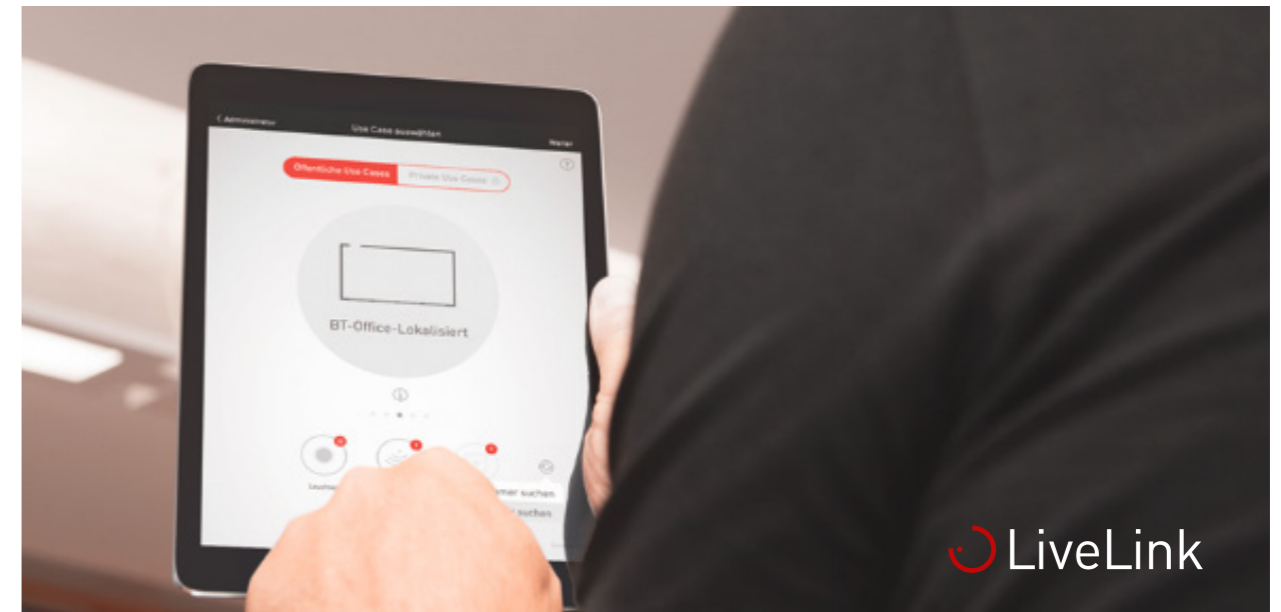
IPD

Input device – e.g. motion detectors

# DALI-2 IPD sensor overview

Product	Power consumption via DALI at 16 V input voltage in regular operation 12–22.5 V DC, no SELV	Variant	IP rating	EAN
<b>Motion detectors</b>				
IS 3360 (square)	6 mA (3 participants)	Surface-mounted	IP54	<a href="#">4007841 057237</a>
		Concealed wiring	IP20	<a href="#">4007841 057244</a>
IS 3360 (round)	6 mA (3 participants)	Surface-mounted	IP54	<a href="#">4007841 057251</a>
		Concealed wiring	IP20	<a href="#">4007841 057268</a>
IS 345 (square)	6 mA (3 participants)	Surface-mounted	IP54	<a href="#">4007841 057275</a>
		Concealed wiring	IP20	<a href="#">4007841 057282</a>
IS 345 (round)	6 mA (3 participants)	Surface-mounted	IP54	<a href="#">4007841 057299</a>
		Concealed wiring	IP20	<a href="#">4007841 057305</a>
HF 3360 (square)	10 mA (5 participants)	Surface-mounted	IP54	<a href="#">4007841 057312</a>
		Concealed wiring	IP20	<a href="#">4007841 057336</a>
HF 3360 (round)	11 mA (5 participants)	Surface-mounted	IP54	<a href="#">4007841 057329</a>
		Concealed wiring	IP20	<a href="#">4007841 057343</a>
IS 3180	6 mA (3 participants)	Surface-mounted	IP54	<a href="#">4007841 057350</a>
		Concealed wiring	IP20	<a href="#">4007841 057367</a>
IS 3360 MX Highbay	6 mA (3 participants)	Surface-mounted	IP54	<a href="#">4007841 057374</a>
IS 345 MX Highbay	6 mA (3 participants)	Surface-mounted	IP54	<a href="#">4007841 057398</a>
<b>Eco Plus series presence detector</b>				
PD-8 ECO white	12 mA (6 participants)	Surface-mounted	IP54	4007841 088156 ●
		Concealed wiring	IP20	4007841 088194 ●
		Recessed ceiling	IP20	4007841 088163 ●
PD-8 ECO black	12 mA (6 participants)	Surface-mounted	IP54	4007841 088149 ●
		Concealed wiring	IP20	4007841 088187 ●
		Recessed ceiling	IP20	4007841 088170 ●
PD-24 ECO white	12 mA (6 participants)	Surface-mounted	IP54	4007841 088231 ●
		Concealed wiring	IP20	4007841 088279 ●
		Recessed ceiling	IP20	4007841 088255 ●
PD-24 ECO black	12 mA (6 participants)	Surface-mounted	IP54	4007841 088224 ●
		Concealed wiring	IP20	4007841 088262 ●
		Recessed ceiling	IP20	4007841 088248 ●
<b>Control PRO II presence detector</b>				
Hallway	25 mA (13 participants)	Concealed wiring	IP20	<a href="#">4007841 064532</a>
		Surface-mounted	IP20	<a href="#">4007841 064549</a>
HF 360-2	21 mA (11 participants)	Concealed wiring	IP20	<a href="#">4007841 064280</a>
		Surface-mounted	IP20	<a href="#">4007841 064297</a>
IR Quattro HD-2 24 m	19 mA (10 participants)	Concealed wiring	IP20	<a href="#">4007841 064372</a>
		Surface-mounted	IP20	<a href="#">4007841 064389</a>
True Presence® Multisensor	2mA* (1 participant)	Concealed wiring	IP20	<a href="#">4007841 081829</a>
		Surface-mounted	IP20	<a href="#">4007841 081812</a>
<b>Control PRO presence detector</b>				
IR Quattro HD 24 m	8 mA (4 participants)	Concealed wiring	IP20	<a href="#">4007841 057497</a>
IR Quattro MICRO 4 m	4 mA (2 participants)	Installation	IP65	<a href="#">4007841 053871</a>
IR Quattro SLIM XS 4 m	4 mA (2 participants)	Concealed wiring	IP20	<a href="#">4007841 057510</a>
IR Micro	4 mA (2 participants)	Concealed wiring	IP20	<a href="#">4007841 057732</a>
HF 360	10 mA (5 participants)	Concealed wiring	IP20	<a href="#">4007841 057480</a>
Dual HF	14 mA (7 participants)	Concealed wiring	IP20	<a href="#">4007841 057459</a>
US 360	24 mA (12 participants)	Concealed wiring	IP20	<a href="#">4007841 057534</a>
Dual US	24 mA (12 participants)	Concealed wiring	IP20	<a href="#">4007841 057466</a>



## LiveLink – The intelligent room light control system



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

**STEINEL DALI-2 IPD sensors – perfect for LiveLink**

Product	Detection	Interface	Variant	IP rating	EAN
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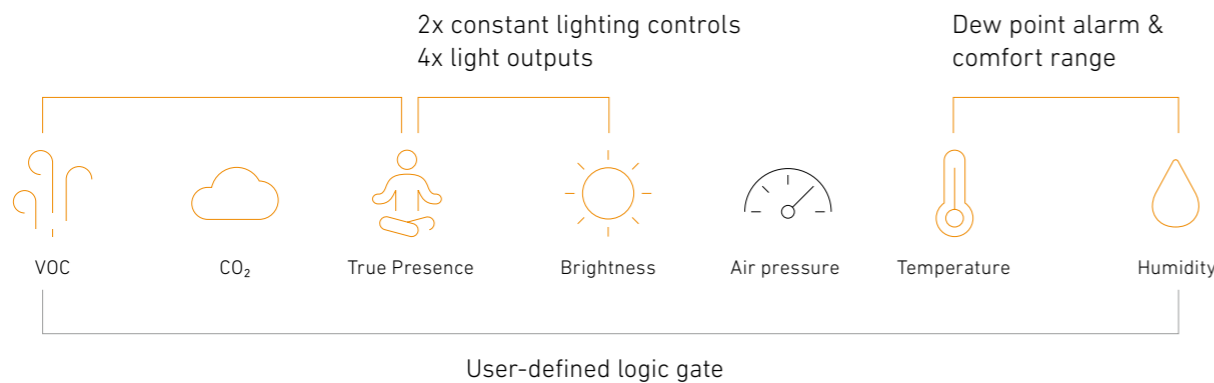
<b>LiveLink</b> Control device 	<b>LiveLink control box</b>				
	LiveLink	white			<a href="#">4007841 013653</a>
<b>Pushbutton coupler PC4-DALI-2</b> Accessories 		white			<a href="#">4007841 082123</a>
	For integrating additional pushbuttons into a lighting management system. Maximum of 4 commercially available pushbuttons per unit.				

# KNX V3.X. family Extended KNX application.

In our bid to help system integrators navigate programming more easily, we have designed the applications for True Presence®, Control Pro, the 3000 series, and the sensIQ family in a similar way. The new features, such as sensitivity adjustment for PIR sensors, constant light teach, selection of different data point types, day/night switching, absence output, and the ability to create custom logic gates, have all been implemented.



True Presence®  
Multisensor



Hotel industry  
True Presence®



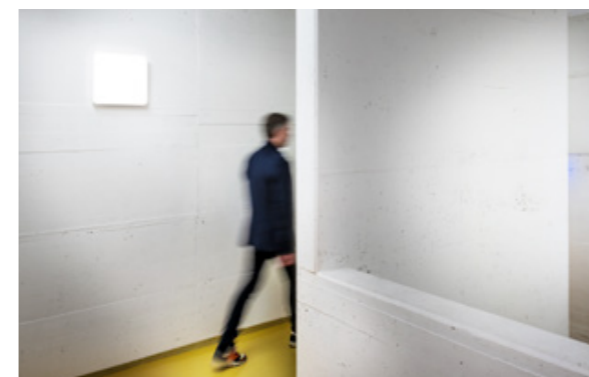
Office & work environments  
True Presence®



Residential construction  
Hallway



Schools & learning institutes  
IR Quattro HD-2



Parking & transportation  
HF 360-2



Industry & logistics  
IR Quattro HD-2

32

KNX presence and motion detectors

0 | 1

Logic gates for intelligent building automation

Teach

Constant light programming



# KNX sensor overview

Product	Colour	Power consumption	Variant	IP rating	EAN
<b>Motion detectors</b>					
iHF 3D	black	30 mA	Surface-mounted	IP54	<a href="#">4007841 059637</a>
	white	30 mA	Surface-mounted	IP54	<a href="#">4007841 059644</a>
	anthracite	30 mA	Surface-mounted	IP54	<a href="#">4007841 059620</a>
sensiQ	black	10 mA	Surface-mounted	IP54	<a href="#">4007841 059552</a>
	white	10 mA	Surface-mounted	IP54	<a href="#">4007841 059576</a>
	anthracite	10 mA	Surface-mounted	IP54	<a href="#">4007841 059538</a>
sensiQ S	black	10 mA	Surface-mounted	IP54	<a href="#">4007841 059606</a>
	white	10 mA	Surface-mounted	IP54	<a href="#">4007841 059613</a>
	anthracite	10 mA	Surface-mounted	IP54	<a href="#">4007841 059583</a>
IS 3360 (square)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058166</a>
	black	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 068561</a>
	white	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 058173</a>
	black	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 068578</a>
	white	12.5 mA	Recessed ceiling	IP20	<a href="#">4007841 079642</a>
	white	12.5 mA	Recessed ceiling	IP20	<a href="#">4007841 079642</a>
IS 3360 (round)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058180</a>
	black	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 068585</a>
	white	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 058197</a>
	black	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 068592</a>
	white	12.5 mA	Recessed ceiling	IP20	<a href="#">4007841 079666</a>
IS 345 (square)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058258</a>
	black	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 084134</a>
	white	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 058265</a>
	black	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 084141</a>
	white	12.5 mA	Recessed ceiling	IP20	<a href="#">4007841 079680</a>
IS 345 (round)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058272</a>
	black	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 084158</a>
	white	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 058289</a>
	black	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 084165</a>
	white	12.5 mA	Recessed ceiling	IP20	<a href="#">4007841 079703</a>
HF 3360 (square)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058210</a>
	white	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 058227</a>

Product	Colour	Power consumption	Variant	IP rating	EAN
HF 3360 (round)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058234</a>
	white	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 058241</a>
IS 3180 (square)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058135</a>
	white	12.5 mA	Concealed wiring	IP20	<a href="#">4007841 058142</a>
IS 3360 MX Highbay (square)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058364</a>
IS 345 MX Highbay (square)	white	12.5 mA	Surface-mounted	IP54	<a href="#">4007841 058296</a>
Light Sensor Dual (square)	white	12.5 mA	Concealed wiring	IP54	<a href="#">4007841 058326</a>
Light Sensor Dual (round)	white	12.5 mA	Concealed wiring	IP54	<a href="#">4007841 058340</a>
<b>Eco Plus series presence detector</b>					
PD-8 ECO	white	15 mA	Concealed wiring	IP20	4007841 087999
	black	15 mA	Concealed wiring	IP20	4007841 087982
	white	15 mA	Surface-mounted	IP54	4007841 087951
	black	15 mA	Surface-mounted	IP54	4007841 087944
	white	15 mA	Recessed ceiling	IP20	4007841 087975
	black	15 mA	Recessed ceiling	IP20	4007841 087968
	white	15 mA	Recessed ceiling	IP20	4007841 087975
PD-24 ECO	white	15 mA	Concealed wiring	IP20	4007841 088057
	black	15 mA	Concealed wiring	IP20	4007841 088040
	white	15 mA	Surface-mounted	IP54	4007841 088019
	black	15 mA	Surface-mounted	IP54	4007841 088002
	white	15 mA	Recessed ceiling	IP20	4007841 088033
	black	15 mA	Recessed ceiling	IP20	4007841 088026
	white	15 mA	Recessed ceiling	IP20	4007841 088026

# KNX sensor overview

Product	Detec- tion	Inter- face	Power con- sumption	Variant	IP rating	EAN
<b>Optical sensor</b>						
HPD2	white	110°	<b>KNX</b>	10 mA	Surface-mounted	IP20 <a href="#">4007841 033200</a>
<b>Control PRO II presence detector</b>						
True Presence®	white	360°	<b>KNX V3.0</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 056339</a>
	black	360°	<b>KNX V3.0</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 068516</a>
	white	360°	<b>KNX V3.0</b>	30 mA	Recessed ceiling	IP20 <a href="#">4007841 079451</a>
True Presence® Multisensor	white	360°	<b>KNX V3.0</b>	40 mA	Concealed wiring	IP20 <a href="#">4007841 056353</a>
True Presence® Multisensor Aerosol KNX	white	360°	<b>KNX V3.0</b>	40 mA	Concealed wiring	IP20 <a href="#">4007841 079208</a>
Multisensor Air KNX	white	–	<b>KNX V3.0</b>	15 mA	Concealed wiring	IP20 <a href="#">4007841 056346</a>
Multisensor Aerosol KNX	white	–	<b>KNX V3.0</b>	15 mA	Concealed wiring	IP20 <a href="#">4007841 079192</a>
Hallway	white	360°	<b>KNX V3.5</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 079086</a>
	black	360°	<b>KNX V3.5</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 082079</a>
	white	360°	<b>KNX V3.5</b>	30 mA	Surface-mounted	IP20 <a href="#">4007841 079079</a>
	black	360°	<b>KNX V3.5</b>	30 mA	Surface-mounted	IP20 <a href="#">4007841 082062</a>
	white	360°	<b>KNX V3.5</b>	30 mA	Recessed ceiling	IP20 <a href="#">4007841 079475</a>
HF 360-2	white	360°	<b>KNX V3.5</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 064303</a>
	white	360°	<b>KNX V3.5</b>	30 mA	Surface-mounted	IP20 <a href="#">4007841 064860</a>
	white	360°	<b>KNX V3.5</b>	30 mA	Recessed ceiling	IP20 <a href="#">4007841 079437</a>
IR Quattro HD-2 24 m	white	360°	<b>KNX V3.5</b>	10 mA	Concealed wiring	IP20 <a href="#">4007841 064846</a>
	white	360°	<b>KNX V3.5</b>	10 mA	Surface-mounted	IP20 <a href="#">4007841 064853</a>
	white	360°	<b>KNX V3.5</b>	10 mA	Recessed ceiling	IP20 <a href="#">4007841 079413</a>

Product	Detec- tion	Inter- face	Power con- sumption	Variant	IP rating	EAN
<b>Control PRO presence detector</b>						
IR Quattro HD 24 m	white	360°	<b>KNX V3.1</b>	10 mA	Concealed wiring	IP20 <a href="#">4007841 058470</a>
	black	360°	<b>KNX V3.1</b>	10 mA	Concealed wiring	IP20 <a href="#">4007841 068622</a>
	white	360°	<b>KNX V3.1</b>	10 mA	Recessed ceiling	IP20 <a href="#">4007841 079383</a>
IR Quattro 8 m	white	360°	<b>KNX V3.1</b>	10 mA	Concealed wiring	IP20 <a href="#">4007841 058487</a>
	white	360°	<b>KNX V3.1</b>	10 mA	Recessed ceiling	IP20 <a href="#">4007841 079390</a>
IR Quattro MICRO 6 m	white	360°	<b>KNX V3.1</b>	10 mA	Installation	IP65 <a href="#">4007841 064129</a>
	black	360°	<b>KNX V3.1</b>	10 mA	Installation	IP65 <a href="#">4007841 068646</a>
IR Quattro SLIM 4 m	white	360°	<b>KNX V3.1</b>	10 mA	Recessed ceiling	IP20 <a href="#">4007841 058494</a>
IR Quattro SLIM XS 4 m	white	360°	<b>KNX V3.1</b>	10 mA	Concealed wiring	IP20 <a href="#">4007841 058500</a>
	black	360°	<b>KNX V3.1</b>	10 mA	Concealed wiring	IP20 <a href="#">4007841 082260</a>
HF 360	white	360°	<b>KNX V3.1</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 059484</a>
	black	360°	<b>KNX V3.1</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 082277</a>
	white	360°	<b>KNX V3.1</b>	30 mA	Recessed ceiling	IP20 <a href="#">4007841 079536</a>
Dual HF	white	360°	<b>KNX V3.1</b>	30 mA	Concealed wiring	IP20 <a href="#">4007841 059477</a>
	white	360°	<b>KNX V3.1</b>	30 mA	Recessed ceiling	IP20 <a href="#">4007841 079505</a>
DualTech	white	360°	<b>KNX V3.1</b>	17.5 mA	Concealed wiring	IP20 <a href="#">4007841 059521</a>
	white	360°	<b>KNX V3.1</b>	17.5 mA	Recessed ceiling	IP20 <a href="#">4007841 079581</a>
US 360	white	360°	<b>KNX V3.1</b>	17.5 mA	Concealed wiring	IP20 <a href="#">4007841 059514</a>
	white	360°	<b>KNX V3.1</b>	17.5 mA	Recessed ceiling	IP20 <a href="#">4007841 079628</a>
Dual US	white	360°	<b>KNX V3.1</b>	17.5 mA	Concealed wiring	IP20 <a href="#">4007841 059491</a>
	white	360°	<b>KNX V3.1</b>	17.5 mA	Recessed ceiling	IP20 <a href="#">4007841 079604</a>
<b>Presence switch</b>						
IR 180	white	180°	<b>KNX V3.1</b>	12 mA	Installation	IP20 <a href="#">4007841 058463</a>
HF 180	white	180°	<b>KNX V3.1</b>	12 mA	Installation	IP20 <a href="#">4007841 059460</a>

### Interfaces and wiring diagrams Control Pro series presence detectors/switches

#### COM1 – COM1 AP

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 s – 60 min for IR Quattro SLIM XS / MICRO

**Output**

Filament bulb / halogen lamp load	2000 W (IR Quattro SLIM XS / MICRO: 1000 W)
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

NORM.	TEST
AUTO.	MAN
ON-	ON/OFF

**DIP switch assignment**  
 DIP1: Normal/test mode  
 DIP2: Semi/fully automatic  
 DIP3: Pushbutton/switch mode  
 DIP4: ON pushbutton / ON-OFF pushbutton

### COM2

Switching light & HVAC

**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 monitoring  
0 sec – 10 min Switch-on delay,  
1 min – 2 hours Run-on time

**Output**

Filament bulb / halogen lamp load	2000 W (IR Quattro SLIM XS / MICRO: 1000 W)
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 of switching contact 2 – presence**  
 max. 230 W / 230 V  
 max. 1 A (cos φ = 1) for HVAC (heating / ventilation / air-conditioning)

#### Master

#### Master/Master COM1

#### DIP switches

NORM.	TEST
AUTO.	MAN
ON-	ON/OFF

**DIP switch assignment**  
 DIP1: Normal/test mode  
 DIP2: Semi/fully automatic  
 DIP3: Pushbutton/switch mode  
 DIP4: ON pushbutton / ON-OFF pushbutton

### Interfaces and wiring diagrams

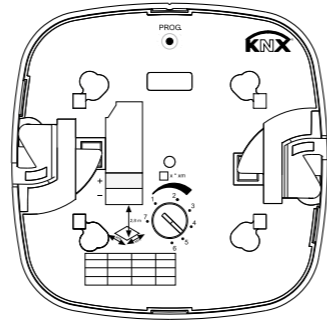
#### Control Pro series presence detectors/switches

**KNX**  
Digital bus interface

**Power supply** Via KNX bus voltage (SELV)

**Configuration** via ETS software, remote control or bus

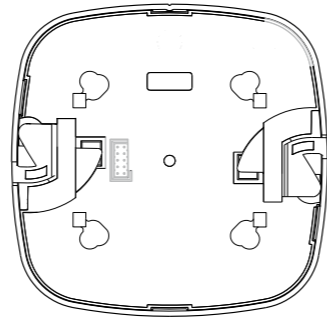
**Functions**  
Light output x4, constant lighting control, basic light function, presence output, HVAC output, brightness value, sabotage, (Presence switch only: integrated pushbutton, temperature output, humidity output)

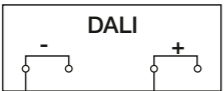


### DALI-2 input device


Communication of information on presence and brightness value to a DALI application controller or BMS

Power consumption	
IR Quattro HD	8 mA / 4 DALI participants, 12–22.5 V,  no SELV
IR Quattro SLIM XS	4 mA / 2 DALI participants, 12–22.5 V,  no SELV
IR Quattro MICRO	4 mA / 2 DALI participants, 12–22.5 V,  no SELV
IR Micro	4 mA / 2 DALI participants, 12–22.5 V,  no SELV
Dual HF	17 mA / 7 DALI participants, 12–22.5 V,  no SELV
HF 360	10 mA / 5 DALI participants, 12–22.5 V,  no SELV
US 360	24 mA / 12 participants, 12–22.5 V,  no SELV
DualTech	24 mA / 12 participants, 12–22.5 V,  no SELV
Dual US	24 mA / 12 participants, 12–22.5 V,  no SELV





DALI APPLICATION CONTROLLER  
 DA +  
 DA -



Note: Only compatible with the IR Quattro HD DALIplus within the Control PRO 1 series

### DALI-2 application controller

Digital DIM interface

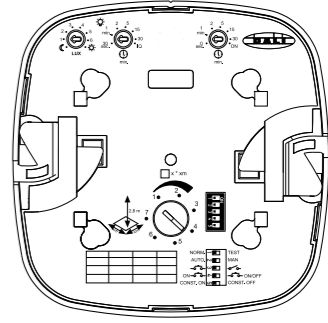
**Power supply**  
220–240 V, 50/60 Hz

**Time setting for switching contact 1**  
30 s – 30 min,  
IQ mode (automatic adjustment to usage profile)

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

**Basic brightness** 0 sec – 30 min,  
10–60% via RC8

**Constant lighting control:**



**Control output**

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

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

Controllable DALI electronic ballasts:  
12 DALI electronic ballasts per output

**Basic brightness** 0 sec – 30 min,  
10–60% via RC8

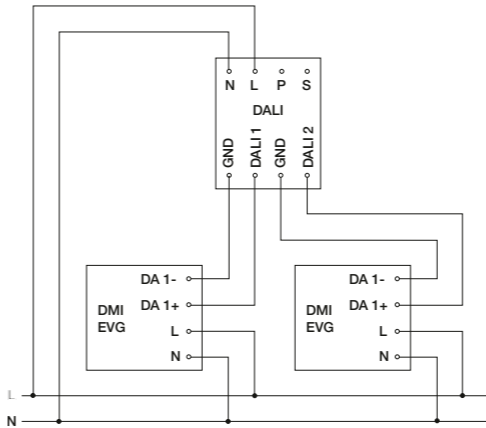
**Constant lighting control:**

**DIP switches**

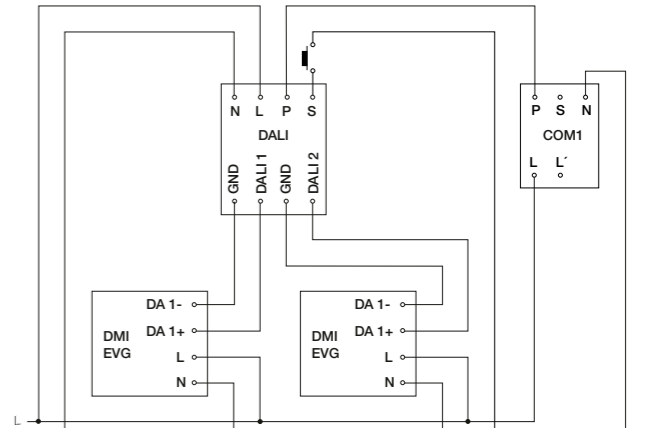
NORM.		TEST
AUTO.		MAN
ON-OFF		ON/OFF
CONST. ON		CONST. OFF

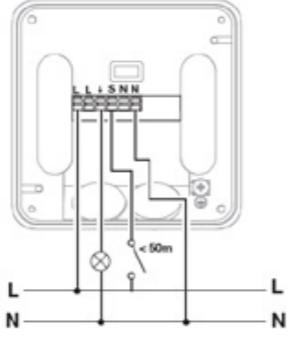
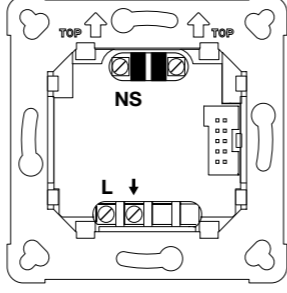
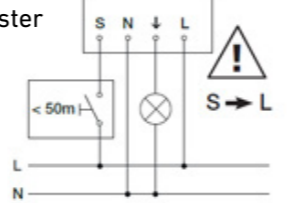
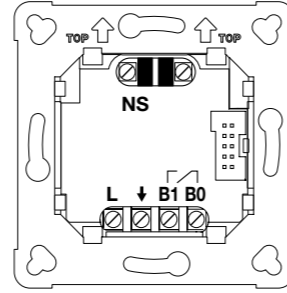
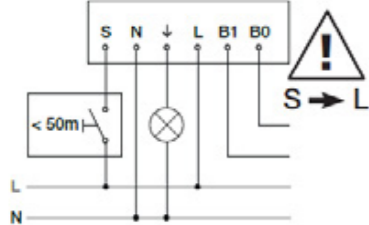
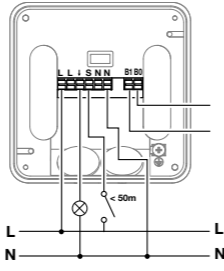
**DIP switch assignment**  
 DIP1: Normal/test mode  
 DIP2: Semi/fully automatic  
 DIP3: Pushbutton/switch mode  
 DIP4: ON pushbutton / ON-OFF pushbutton  
 DIP5: Constant control ON/OFF (DIM/DALI)

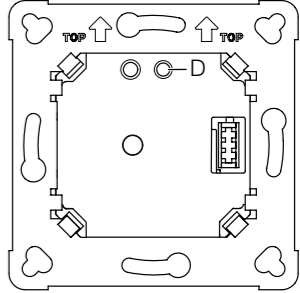
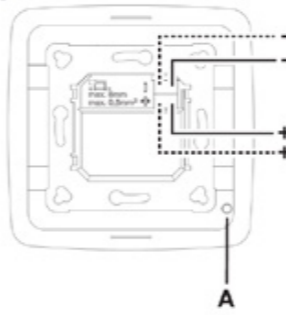
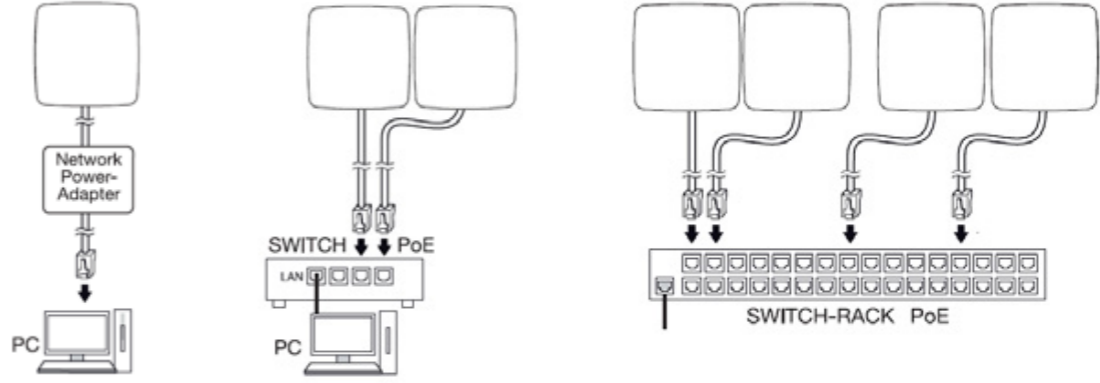
**Master**



**Master/Slave COM1**



Interfaces and wiring diagrams Control Pro II series presence detectors/switches										
<b>COM1 – COM1 AP</b> Switching light	Surface-mounted 	Concealed wiring 								
<b>Power supply</b> 220–240 V, 50/60 Hz  <b>Time setting</b> 10 sec – 60 min (5 sec – 60 min IR Quattro HD-2) Pulse mode (approx. 2 sec)										
<b>Output</b> <table border="0"> <tr> <td>Filament bulb / halogen lamp load</td> <td>2000 W</td> </tr> <tr> <td>Low-voltage halogen lamps</td> <td>2000 VA</td> </tr> <tr> <td>LED / electronic ballast load (max. 50 units)</td> <td>600 W</td> </tr> <tr> <td>Capacitive load</td> <td>220 µF</td> </tr> </table>		Filament bulb / halogen lamp load	2000 W	Low-voltage halogen lamps	2000 VA	LED / electronic ballast load (max. 50 units)	600 W	Capacitive load	220 µF	Master 
Filament bulb / halogen lamp load	2000 W									
Low-voltage halogen lamps	2000 VA									
LED / electronic ballast load (max. 50 units)	600 W									
Capacitive load	220 µF									
<b>COM2</b> Switching light & HVAC	Concealed wiring 									
<b>Power supply</b> 220–240 V, 50/60 Hz  <b>Time setting for switching contact 1</b> 10 sec – 60 min (5 sec – 60 min IR Quattro HD-2) Pulse mode (approx. 2 sec)										
<b>Time setting for switching contact 2</b> Automatic room monitoring 0 sec – 10 min Switch-on delay, 1 min – 2 hours run-on time										
<b>Output at switching output 1:</b> <table border="0"> <tr> <td>Filament bulb/halogen lamp load</td> <td>2000 W</td> </tr> <tr> <td>Low-voltage halogen lamps</td> <td>2000 VA</td> </tr> <tr> <td>LED/electronic ballast load (max. 50 units, 220 F)</td> <td>600 W</td> </tr> <tr> <td>Capacitive load</td> <td>220 µF</td> </tr> </table>		Filament bulb/halogen lamp load	2000 W	Low-voltage halogen lamps	2000 VA	LED/electronic ballast load (max. 50 units, 220 F)	600 W	Capacitive load	220 µF	<b>Output at switching output 2/HVAC relay</b> AC: Max. 1 A @ 230 V AC / 240 W (cos phi = 1) Min 0.08 mA @ 230 V AC DC: Max. 2 A @ 24 V Min. 10 mA @ 5 V, 50 mW
Filament bulb/halogen lamp load	2000 W									
Low-voltage halogen lamps	2000 VA									
LED/electronic ballast load (max. 50 units, 220 F)	600 W									
Capacitive load	220 µF									
Master 	Surface-mounted 									

Interfaces and wiring diagrams Control Pro II series presence detectors/switches	
<b>KNX</b> Digital bus interface	
<b>Power supply</b> Via KNX bus voltage (SELV) <b>Configuration</b> via ETS software, app or KNX bus <b>Functions</b> Comfort, twilight switch, single pyro evaluation, basic light function, brightness value, HVAC output, constant lighting control, light output x4, humidity output, presence output, day/night function, dew point, temperature output, logic gate	
<b>Multisensor KNX / True Presence KNX</b> 	
<b>IP</b> Digital bus interface	
<b>Power supply</b> via PoE 802.3af class 2, PoE 24–57 V 4 W via RJ 45 plug <b>Configuration</b> via configuration interface via web browser, via IP bus <b>Functions</b> IP protocols REST API, BACnet, MQTT)	
<b>IP connection examples</b> 	

Interfaces and wiring diagrams  
Control Pro II series presence detectors/switches

**DALI-2 APC**  
Digital DIM interface

**Power supply**  
220–240 V, 50/60 Hz

**Time setting**  
10 sec – 60 min

**DALI output**  
2-core DALI control line (addressable)

**Controllable DALI electronic ballasts**  
128 mA, 64 DALI-2 participants

**Basic brightness**  
1 min – 1 hour, all night, 50–100%

**Functions** Semi-/fully automatic, 3 light channels + multizone, constant lighting control, light scene, master/slave override, neighbour group function, TouchDIM function, 4 DALI-2 pushbutton instances, activation of programmed light scenes, manual ON / ON-OFF, normal/test mode

**Master** **Master/Slave**

Interfaces and wiring diagrams  
Control Pro II series presence detectors/switches

**DALI-2 IPD**  
Communication of information on presence, brightness value, temperature and humidity to a DALI application controller or BMS

**Power consumption via DALI (12–22.5 V DC, no SELV):**

Hallway	25 mA / 13 DALI participants
HF 360-2	21 mA / 11 DALI participants
IR Quattro HD-2 24 m	19 mA / 10 DALI participants
Multisensor True Presence®	2 mA* / 1 DALI participant*

\*Features an additional 230 V power supply

**DALI-2 input device**  
DALI control line (multi-master capability for communication with the DALI application controller / DALI-2 sensor)

**Concealed wiring** **Surface-mounted** **Multisensor True Presence Concealed wiring (230 V)** **Multisensor True Presence Surface-mounted (230 V)**

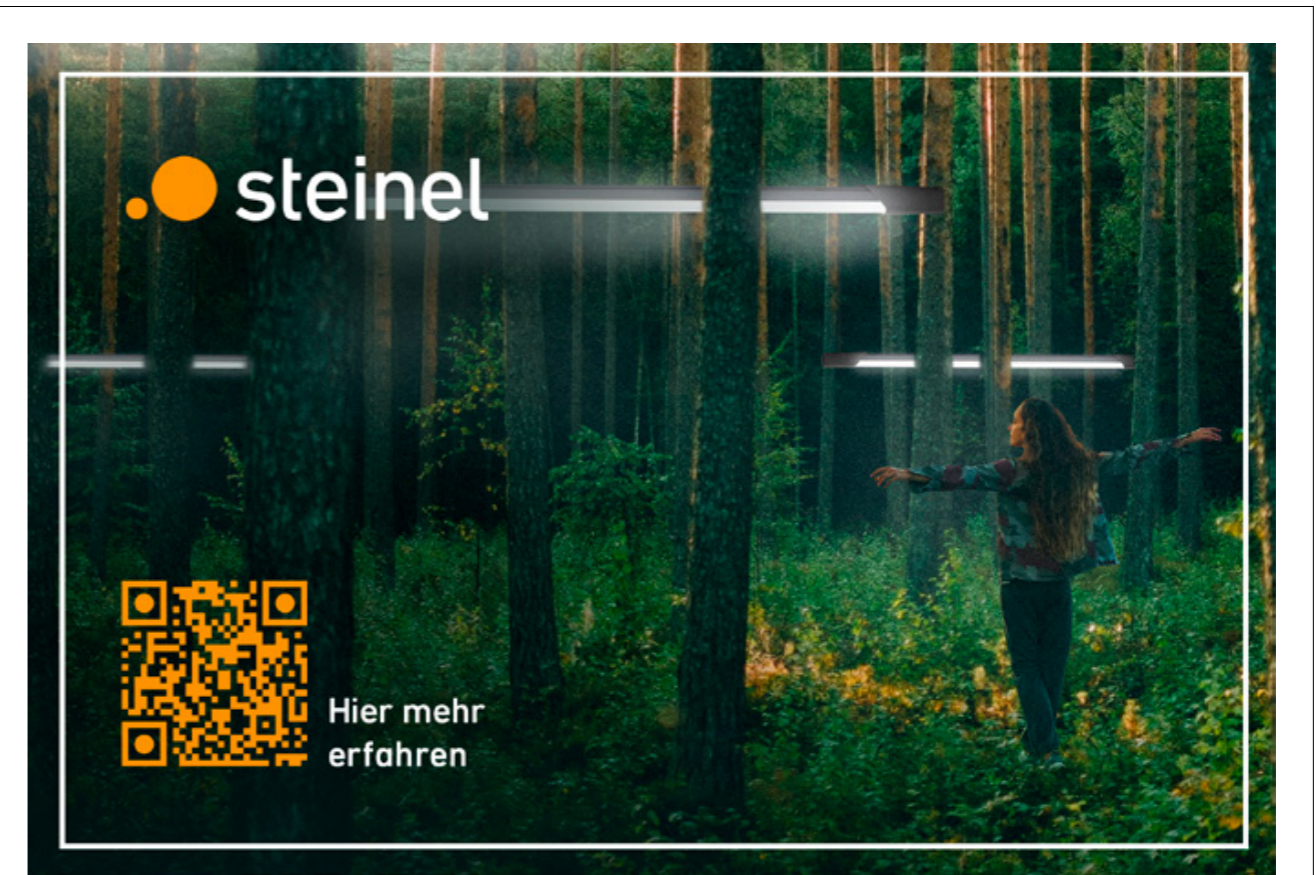
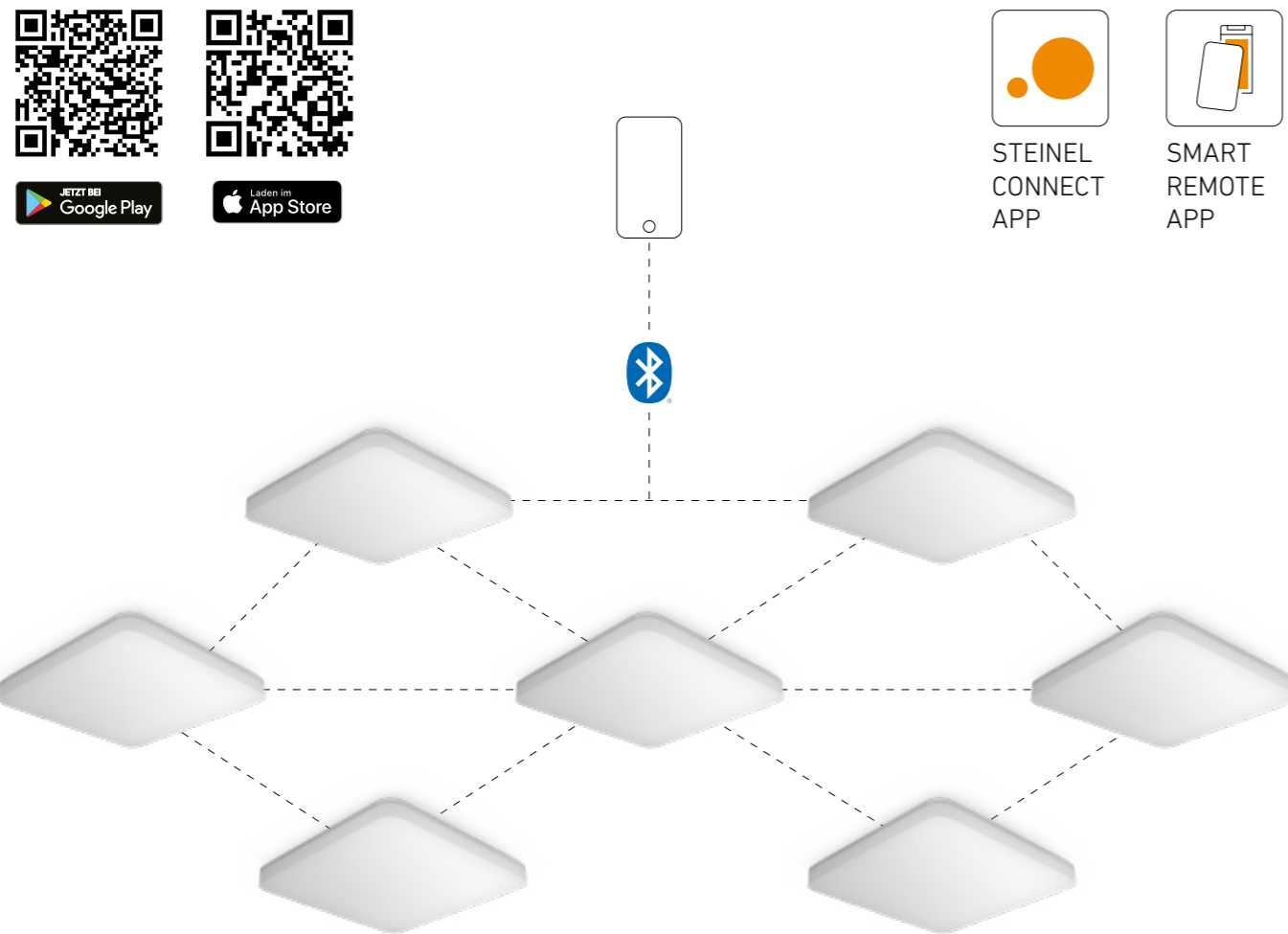
**BT IPD**  
For range expansion or control of other BT products via Bluetooth; for forwarding recorded values via BT

**Power supply:**  
220–240 V, 50/60 Hz

**Concealed wiring** **Surface-mounted**

# Green light for tomorrow.

The combination of modern LED lighting and motion detectors already offers substantial energy savings, but there's so much more potential to uncover. This can be achieved by integrating the LED lighting and motion detectors into a sophisticated lighting management system. In fact, through intelligent control and grouping, an additional saving potential of up to 81% can be achieved. Light Intelligence by STEINEL is based on Bluetooth. Super-easy networking and high sensor density make intelligent light control easier than ever before. **And what's more, you can now take advantage of the new STEINEL Connect app, which has been specially designed for the Bluetooth Mesh Connect products.**



## Comparison of lighting technologies

Lighting Technology	CO2 emissions per year	Electricity costs per year
T5 bulb <small>ban as of 09/23</small>	394 kg	281,20 €
LED illuminant	160 kg (-59%)	114,00 €
LED illuminants and motion detector	97 kg (-39%)	69,20 €
STEINEL RS PRO S100 SC <small>with built-in motion detector and Bluetooth</small>	19 kg (-80%)	13,32 €

**Total Savings: -100,68 €**

**Overall Reduction: -95%**

Specification per luminaire and year. Electricity prices based on 0.40 € kWh. Independent measurements by Swiss Lighting Society | Source: INEC Institute, Steinel

# The new RS PRO R series. Next generation of our successful model.

The new R-Series sensor lights use the secure Mesh Connect standard and offer basic light, full dimmability, adjustable fade times when switching on/off, and connection to central emergency lighting systems. The Plus version also offers backlight.



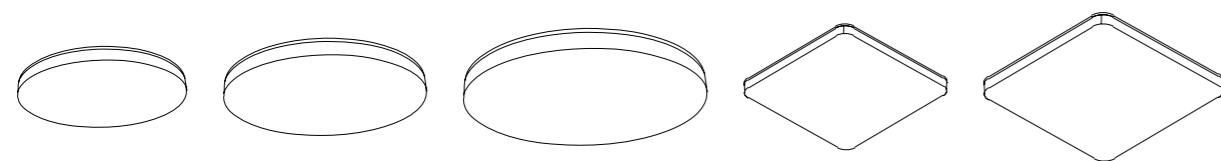
Film on use in residential construction applications



RS PRO R10

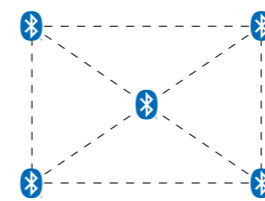
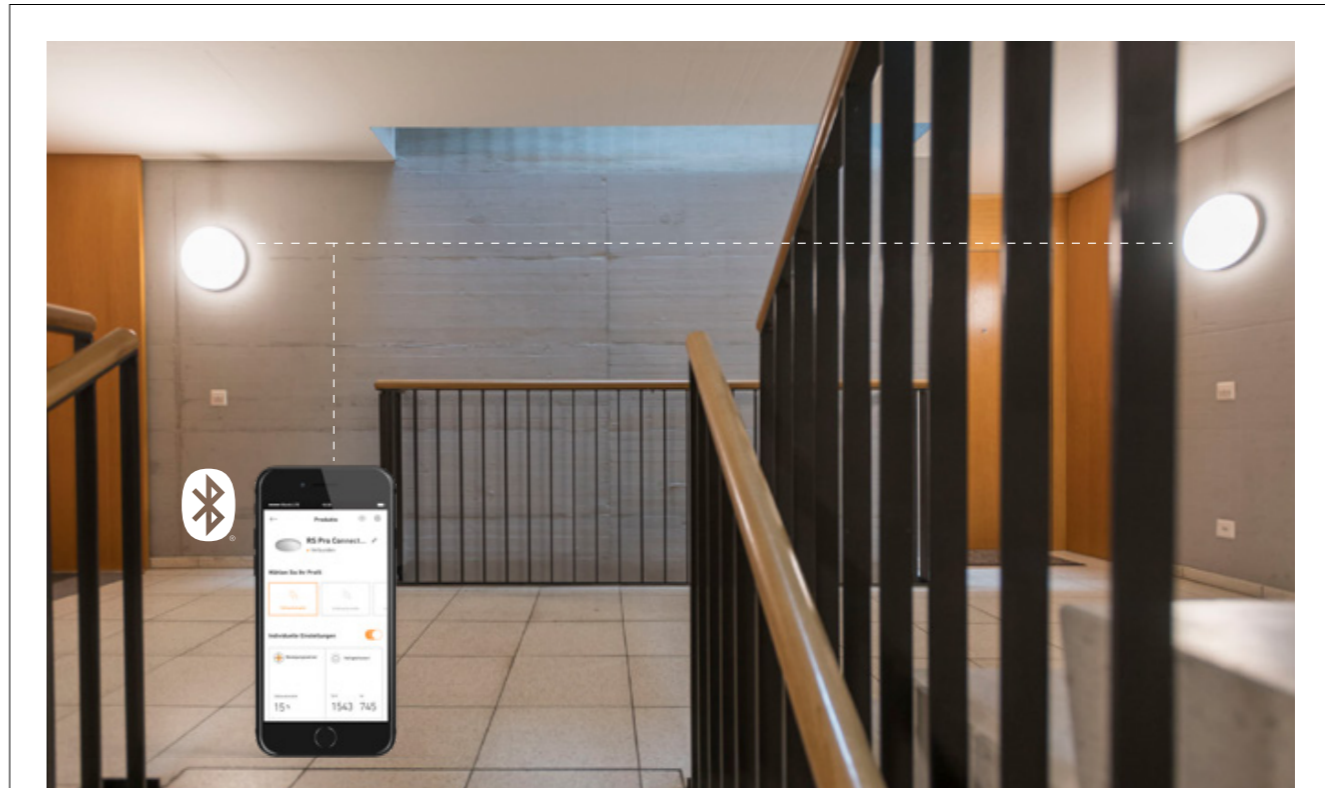


RS PRO R20 Q

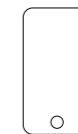


5 sizes delivering up to 3019 lumens

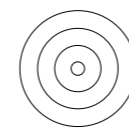
	R series 'Basic'	R series 'Plus'
<b>Basic light</b>	•	•
<b>Dimmability</b>	•	•
<b>Optional emergency light</b>	•	•
<b>Backlight</b>		•



Bluetooth communication via secure Bluetooth Mesh Connect



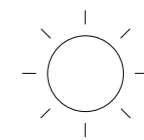
Commissioning and configuration via free app



360° high-frequency sensor



Digitally adjustable sensor range from Ø 1–10 m



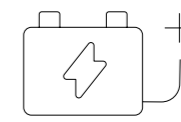
Basic light, main light and backlight



Mounting height up to 4 m



IK07 shock resistance




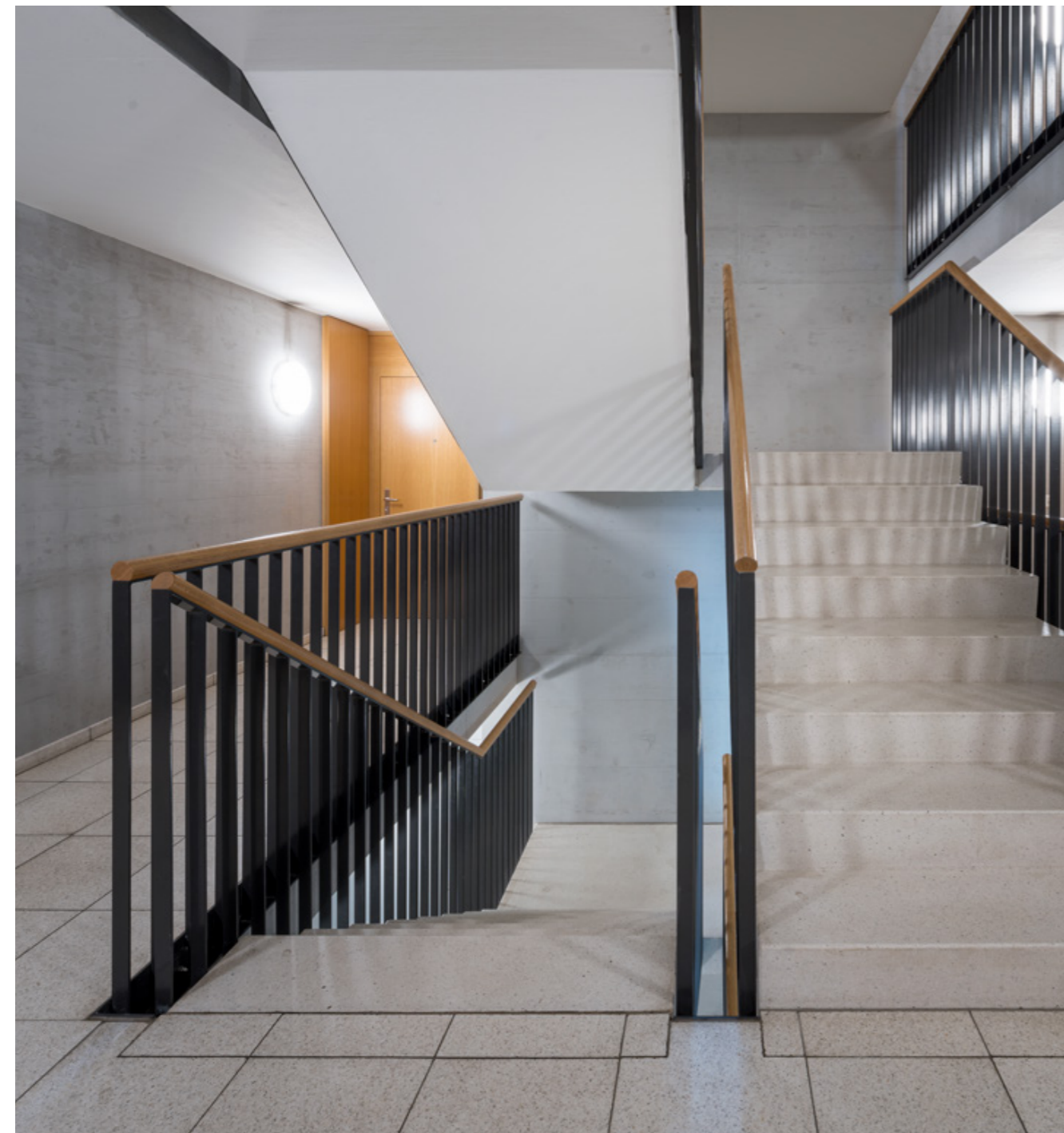
Optional connection to emergency battery systems




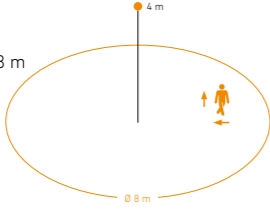
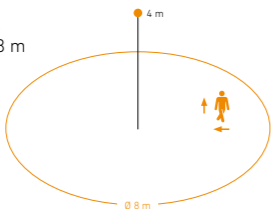

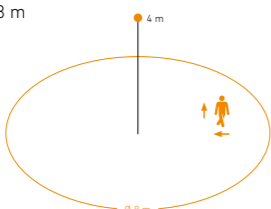
Product	Performance data	Variant	IP rating	EAN
<b>RS PRO R10 Basic SC</b> Sensor-switched LED indoor light 	8.5 W / 1053 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067809</a>
	8.5 W / 992 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067816</a>
	Dimmable basic & main light, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 300 x 55 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			
<b>RS PRO R20 Basic SC</b> Sensor-switched LED indoor light 	15.3 W / 1976 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067823</a>
	15.3 W / 1823 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067854</a>
	Dimmable basic & main light, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 350 x 55 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			
<b>RS PRO R20 Basic Q SC</b> Sensor-switched LED indoor light 	15.3 W / 1970 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067830</a>
	15.38 W / 1826 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067847</a>
	Dimmable basic & main light, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: 52 x 300 x 300 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			
<b>RS PRO R30 Basic SC</b> Sensor-switched LED indoor light 	23.39 W / 3019 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067861</a>
	23.22 W / 2813 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067892</a>
	Dimmable basic & main light, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 420 x 55 mm <small>This product contains a light source of energy efficiency class 'C'. (4007841 067861)                      This product contains a light source of energy efficiency class 'D'. (4007841 067892)</small> 			
<b>RS PRO R30 Basic Q SC</b> Sensor-switched LED indoor light 	23.4 W / 2964 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067878</a>
	23.26 W / 2813 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067885</a>
	Dimmable basic & main light, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: 55 x 350 x 350 mm <small>This product contains a light source of energy efficiency class 'C'. (4007841 067878)                      This product contains a light source of energy efficiency class 'D'. (4007841 067885)</small> 			


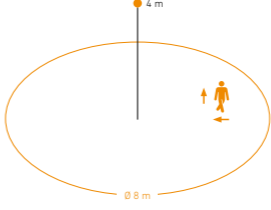

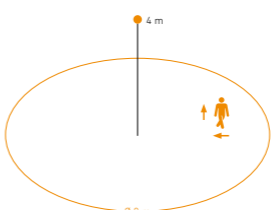

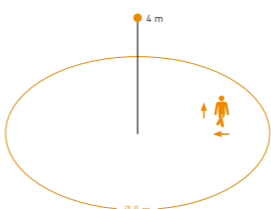
Product	Performance data	Variant	IP rating	EAN
<b>RS PRO R10 Plus SC</b> Sensor-switched LED indoor light 	8.5 W / 1053 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067700</a>
	8.5 W / 992 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067717</a>
	Dimmable basic & main light, backlight function, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 300 x 55 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			
<b>RS PRO R20 Plus SC</b> Sensor-switched LED indoor light 	15.86 W / 1976 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067724</a>
	15.86 W / 1823 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067755</a>
	Dimmable basic & main light, backlight function, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 350 x 55 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			
<b>RS PRO R20 Plus Q SC</b> Sensor-switched LED indoor light 	15.86 W / 1970 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067731</a>
	15.86 W / 1826 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067748</a>
	Dimmable basic & main light, backlight function, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: 52 x 300 x 300 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			
<b>RS PRO R30 Plus SC</b> Sensor-switched LED indoor light 	23.7 W / 3019 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067762</a>
	23.7 W / 2813 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067793</a>
	Dimmable basic & main light, backlight function, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 420 x 55 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			
<b>RS PRO R30 Plus Q SC</b> Sensor-switched LED indoor light 	23.9 W / 2964 lm / 4000 K	white	IP40 / IK07	<a href="#">4007841 067779</a>
	23.9 W / 2813 lm / 3000 K	white	IP40 / IK07	<a href="#">4007841 067786</a>
	Dimmable basic & main light, backlight function, optional emergency light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: 55 x 350 x 350 mm <small>This product contains a light source of energy efficiency class 'D'.</small> 			

Product	Performance data	Variant	IP rating	EAN
<b>Emergency light module</b> R series 	<b>Emergency light module</b>			
	white			<a href="#">4007841 064143</a>
	<b>Replacement battery for emergency light</b>			
	white			<a href="#">4007841 006457</a>
Automatically switches on an LED emergency light (107 lm) in compliance with EN 60598-2-22 for 3 hours in case of power failure. Replacement battery for emergency light comes in a set of 3.				



Product	Performance data	Variant	IP rating	EAN
<b>RS PRO S10 SC</b> Sensor-switched LED indoor light Bluetooth MESH 	9.1 W / 858 lm / 3000 K	PC	IP20 / IK07	<a href="#">4007841 081096</a>
	9.1 W / 919 lm / 4000 K	PC	IP20 / IK07	<a href="#">4007841 081072</a>
	<b>Replacement shade</b>			
		PC		<a href="#">4007841 013271</a>
Silver, dimmable basic & main light, presence mode, neighbour group function. High-quality aluminium body and the latest Bluetooth SIG mesh standard. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 8 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 300 x 71 mm This product contains a light source of energy efficiency class 'D'. 				
<b>RS PRO S20 SC</b> Sensor-switched LED indoor light Bluetooth MESH  IP65 	15.7 W / 1284 lm / 4000 K	PC	IP65 / IK10	<a href="#">4007841 079772</a>
	15.7 W / 1537 lm / 4000 K	PC	IP20 / IK07	<a href="#">4007841 067540</a>
	15.7 W / 1209 lm / 3000 K	PC	IP65 / IK10	<a href="#">4007841 079789</a>
	15.7 W / 1435 lm / 3000 K	PC	IP20 / IK07	<a href="#">4007841 067564</a>
	<b>Replacement shade</b>			
	PC		<a href="#">4007841 013271</a>	
Silver, dimmable basic & main light, presence mode, neighbour group function. High-quality aluminium body and the latest Bluetooth SIG mesh standard. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 300 x 71 mm This product contains a light source of energy efficiency class 'D'. 				
<b>RS PRO S30 SC</b> Sensor-switched LED indoor light Bluetooth MESH 	25.8 W / 2747 lm / 4000 K	PMMA	IP20 / IK07	<a href="#">4007841 068042</a>
	25.8 W / 2615 lm / 3000 K	PMMA	IP20 / IK07	<a href="#">4007841 068059</a>
	<b>Replacement shade</b>			
	PMMA		<a href="#">4007841 006204</a>	
Silver, dimmable basic & main light, presence mode, neighbour group function. High-quality aluminium body and the latest Bluetooth SIG mesh standard. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: Ø 350 x 83 mm This product contains a light source of energy efficiency class 'D'. 				
<b>RS PRO S30 Q SC</b> Sensor-switched LED indoor light Bluetooth MESH 	26 W / 2987 lm / 4000 K	PMMA	IP20 / IK03	<a href="#">4007841 067519</a>
	26 W / 2801 lm / 3000 K	PMMA	IP20 / IK03	<a href="#">4007841 067526</a>
	<b>Replacement shade</b>			
Silver, dimmable basic & main light, presence mode, neighbour group function. High-quality aluminium body and the latest Bluetooth SIG mesh standard. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: 331 x 331 x 56 mm This product contains a light source of energy efficiency class 'D'. 				

Product	Performance data	Variant	IP rating	EAN	
<b>RS PRO P1 S</b> Sensor-switched LED indoor light   <b>10% basic light.</b> <b>HF sensor concealed inside the light.</b> <b>Sensor data:</b> 360° high-frequency, Ø 8 m <b>Networking via:</b> Cable <b>Max. mounting height:</b> 4.00 m <b>Mounting site:</b> Walls, ceilings <b>Dimensions:</b> Ø 280 x 110 mm <small>This product contains a light source of energy efficiency class "E" or "D".</small>	9.4 W / 980 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 056032</a>	
	9.4 W / 968 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 056063</a>	
	<b>Manual version (without sensor)</b>				
	8.2 W / 974 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 056049</a>	
	8.2 W / 953 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 056056</a>	
	<b>Replacement shade</b>				
		PMMA		<a href="#">4007841 063825</a>	
					
	<b>RS PRO P2 S</b> Sensor-switched LED indoor light   <b>10% basic light.</b> <b>HF sensor concealed inside the light.</b> <b>Sensor data:</b> 360° high-frequency, Ø 8 m <b>Networking via:</b> Cable <b>Max. mounting height:</b> 4.00 m <b>Mounting site:</b> Walls, ceilings <b>Dimensions:</b> Ø 320 x 110 mm <small>This product contains a light source of energy efficiency class "D".</small>	15.4 W / 1731 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 056070</a>
		15.1 W / 1674 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 056100</a>
<b>Manual version (without sensor)</b>					
14.1 W / 1708 lm / 4000 K		white	IP54 / IK03	<a href="#">4007841 056094</a>	
14 W / 1645 lm / 3000 K		white	IP54 / IK03	<a href="#">4007841 056087</a>	
<b>Emergency light according to EN 60598-2-22</b>					
15.4 W / 1731 lm / 4000 K		white	IP54 / IK03	<a href="#">4007841 058579</a>	
15.1 W / 1674 lm / 3000 K		white	IP54 / IK03	<a href="#">4007841 058586</a>	
<b>Replacement battery for emergency light</b>					
		white		<a href="#">4007841 006457</a>	
<b>Replacement shade</b>					
	PMMA		<a href="#">4007841 063832</a>		
					
<b>RS PRO P3 S</b> Sensor-switched LED indoor light   <b>10% basic light.</b> <b>HF sensor concealed inside the light.</b> <b>Sensor data:</b> 360° high-frequency, Ø 8 m <b>Networking via:</b> Cable <b>Max. mounting height:</b> 4.00 m <b>Mounting site:</b> Walls, ceilings <b>Dimensions:</b> Ø 400 x 142 mm <small>This product contains a light source of energy efficiency class "D".</small>	18.4 W / 2188 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 056117</a>	
	18.4 W / 2072 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 056148</a>	
	<b>Manual version (without sensor)</b>				
	17.8 W / 2188 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 056124</a>	
	17.8 W / 2081 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 056131</a>	
	<b>Emergency light according to EN 60598-2-22</b>				
	18.4 W / 2188 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 058593</a>	
	18.4 W / 2072 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 058609</a>	
	<b>Replacement battery for emergency light</b>				
		white		<a href="#">4007841 006457</a>	
<b>Replacement shade</b>					
	PMMA		<a href="#">4007841 063849</a>		
					

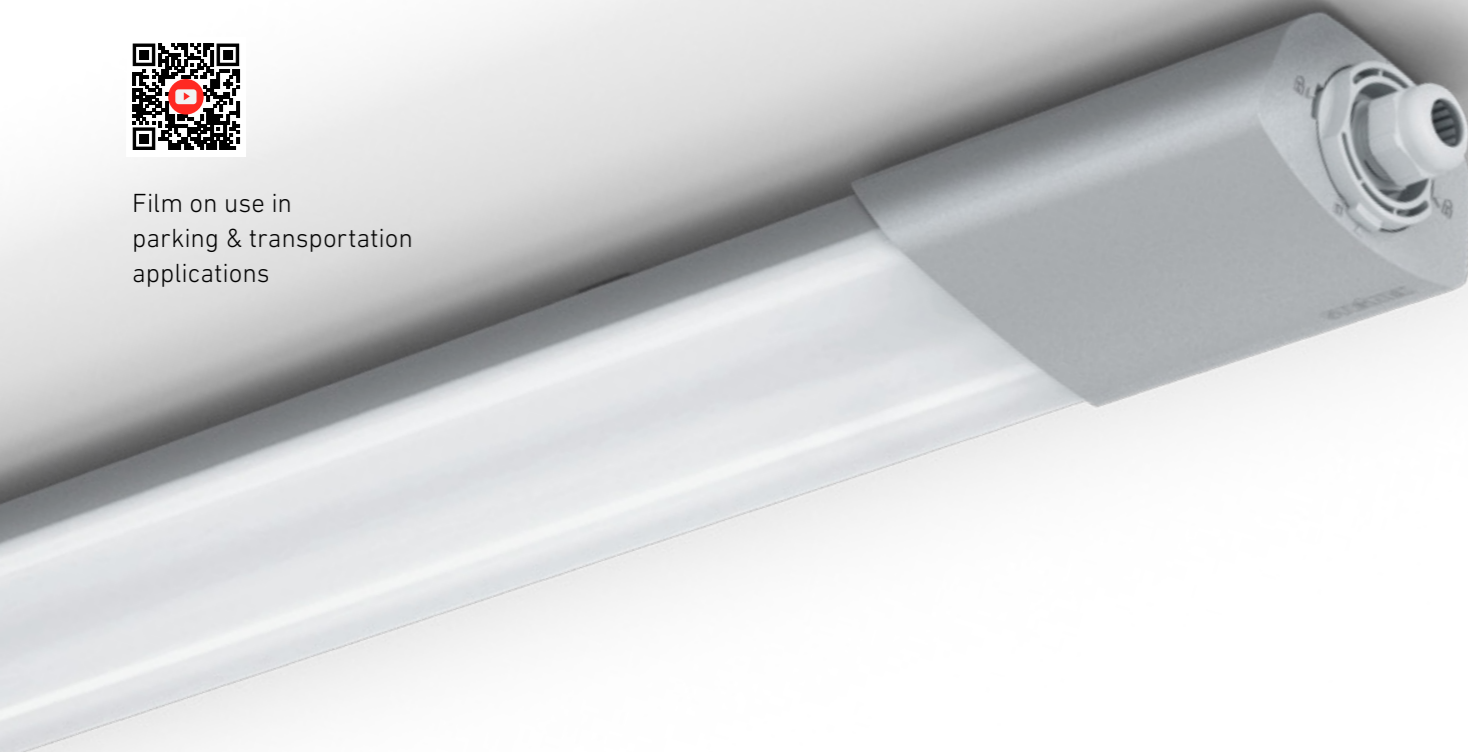
Product	Performance data	Variant	IP rating	EAN	
<b>RS PRO P1 flat S</b> Sensor-switched LED indoor light   <b>10% basic light. HF sensor concealed inside the light.</b> <b>Sensor data:</b> 360° high-frequency, Ø 8 m <b>Networking via:</b> Cable <b>Max. mounting height:</b> 4.00 m <b>Mounting site:</b> Walls, ceilings <b>Dimensions:</b> Ø 272 x 64 mm <small>This product contains a light source of energy efficiency class "D".</small>	9.4 W / 965 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 069674</a>	
	9.4 W / 942 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 069681</a>	
	<b>Manual version (without sensor)</b>				
	8.2 W / 930 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 069698</a>	
	8.2 W / 922 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 069704</a>	
	<b>Replacement shade</b>				
		white		<a href="#">4007841 084530</a>	
					
	<b>RS PRO P2 flat S</b> Sensor-switched LED indoor light   <b>10% basic light. HF sensor concealed inside the light.</b> <b>Sensor data:</b> 360° high-frequency, Ø 8 m <b>Networking via:</b> Cable <b>Max. mounting height:</b> 4.00 m <b>Mounting site:</b> Walls, ceilings <b>Dimensions:</b> Ø 322 x 68 mm <small>This product contains a light source of energy efficiency class "D".</small>	15.4 W / 1700 lm / 4000 K	white	IP54 / IK03	<a href="#">4007841 069735</a>
		15.1 W / 1608 lm / 3000 K	white	IP54 / IK03	<a href="#">4007841 069742</a>
<b>Manual version (without sensor)</b>					
14.1 W / 1684 lm / 4000 K		white	IP54 / IK03	<a href="#">4007841 069759</a>	
14 W / 1653 lm / 3000 K		white	IP54 / IK03	<a href="#">4007841 069766</a>	
<b>Emergency light according to EN 60598-2-22</b>					
15.4 W / 1700 lm / 4000 K		white	IP54 / IK03	<a href="#">4007841 069711</a>	
15.1 W / 1608 lm / 3000 K		white	IP54 / IK03	<a href="#">4007841 069728</a>	
<b>Replacement battery for emergency light</b>					
		white		<a href="#">4007841 006457</a>	
<b>Replacement shade</b>					
	white		<a href="#">4007841 084547</a>		
					
<b>RS 10 S</b> E27 sensor-switched indoor light   <b>HF sensor concealed inside the light.</b> <b>Sensor data:</b> 360° high-frequency, Ø 8 m <b>Networking via:</b> Cable <b>Max. mounting height:</b> 4.00 m <b>Mounting site:</b> Walls, ceilings <b>Dimensions:</b> Ø 280 x 110 mm	max. 75 W / E27	white	IP44 / IK03	<a href="#">4007841 730512</a>	
					

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

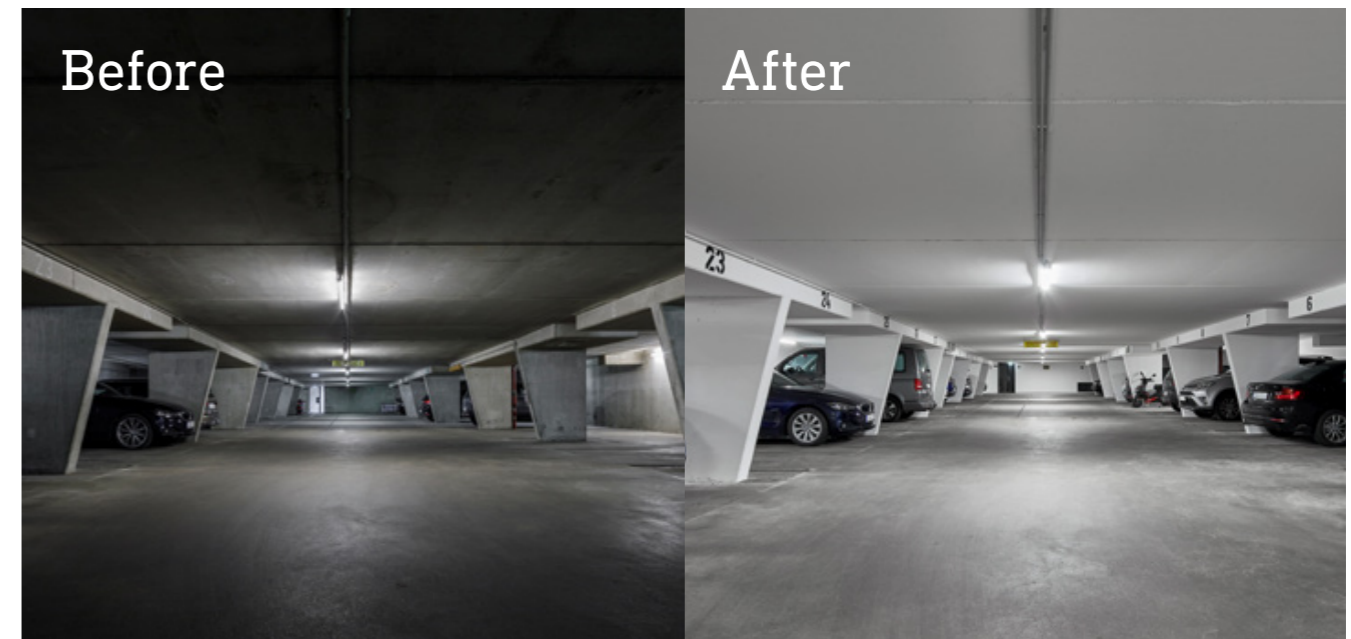
It's time for something new in car parks, basements, halls, garages, corridors – in fact, any rooms that are still equipped with old-school tube lights. In essence, it's really quite simple: you take the existing wiring, mount the new installation using existing drill holes, wirelessly connect the new setup, and configure all your parameters via app. And just like that, you can take advantage of cutting-edge lighting technology built upon the existing infrastructure, modern convenience with a whole host of features, and direct cost savings through exceptional energy efficiency. As if that weren't enough, we also now offer a version complete with emergency light and 5-core wiring.



Film on use in parking & transportation applications



Wireless networking with new Bluetooth Mesh Connect standard	Commissioning and configuration via app	360° high-frequency sensor	IP65	IK07 shock resistance	Optional connection to emergency battery systems

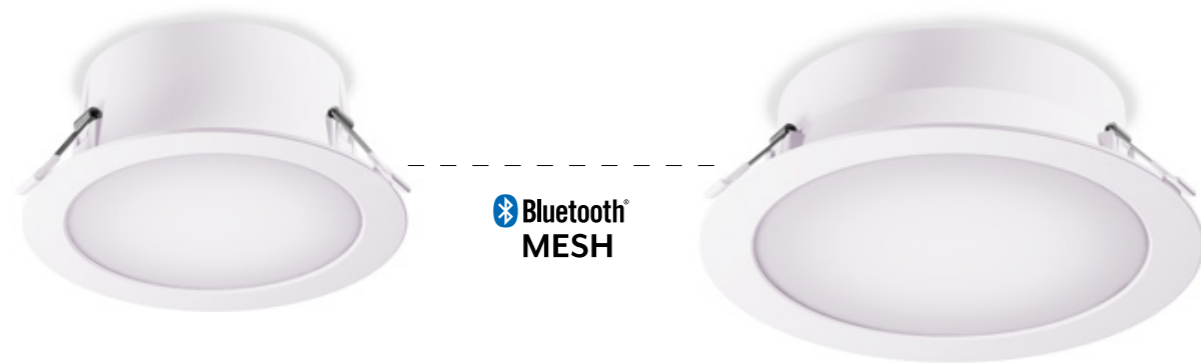


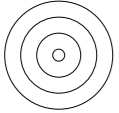


Product	Performance data	Variant	IP rating	EAN
<b>RS PRO 5100 SC</b> Sensor-switched LED indoor light 	31 W / 4250 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 078881</a>
	<b>Manual version (without sensor)</b>			
	31 W / 4250 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 079178</a>
	<b>Emergency light according to EN 60598-2-22</b>			
	31 W / 4250 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 079161</a>
	<b>5-core version</b>			
31 W / 4250 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 079185</a>	Dimmable basic & main light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 3.50 m Mounting site: Walls, ceilings <small>This product contains a light source of energy efficiency class 'D'.</small>
<b>RS PRO 5150 SC</b> Sensor-switched LED indoor light 	42 W / 5940 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 058739</a>
	<b>Manual version (without sensor)</b>			
	42 W / 5940 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 058722</a>
	<b>Emergency light according to EN 60598-2-22</b>			
	42 W / 5940 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 058715</a>
	<b>5-core version</b>			
42 W / 5940 lm / 4000 K	grey	IP65 / IK07	<a href="#">4007841 079338</a>	Dimmable basic & main light, presence mode, neighbour group function. HF sensor concealed inside the light. Sensor data: 360° high-frequency, Ø 10 m Networking via: Bluetooth Mesh Connect Max. mounting height: 4.00 m Mounting site: Walls, ceilings Dimensions: 1500 x 87 x 58 mm <small>This product contains a light source of energy efficiency class 'D'.</small>



# RS PRO DL 150 / 200 SC

## Downlights with STEINEL DNA.

150 mm and 200 mm indoor downlights with a low installation height and an output of 1170 lm or 1950 lm respectively. Ideal for stairwells, hallways, WCs, washrooms, changing rooms, utility rooms and side rooms. Equipped with a 360° high-frequency sensor (Ø 7 m range) and the latest Bluetooth Mesh technology. For intelligent light controls at STEINEL level. Quick, wireless connection and configuration, as well as straightforward grouping of lights via the STEINEL Connect app. With soft light start, neighbour group function, dimmable basic light and main light, and colour temperature change function (3000 K, 4000 K, 5700 K). Mounting height: max. 4 m. Thanks to a practical mounting adapter, oversized mounting holes from previously installed lights are no problem (available from Q2/2023).



 <p>High-frequency 360° sensor</p>	 <p>3000 / 4000 / 5700 K Switchable light colour</p>	 <p>Cross-range networking of STEINEL Bluetooth Mesh products</p>
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Product	Performance data	Variant	IP rating	EAN
<p><b>RS PRO DL 150</b> Sensor-switched LED indoor light</p>  <p>Bluetooth MESH</p>	<p>11 W / 1170 lm / 3000 K, 4000 K, 5700 K</p>	<p>white</p>	<p>IP20 / IK03</p>	<p><b>4007841 084998</b></p>
<p><b>Installation adapter</b></p>				
<p>Adapter RS PRO DL 150 SC</p>				<p><b>4007841 087364</b></p>
<p><b>Adjustable light colour: 3000 K, 4000 K, 5700 K</b>  <b>Sensor data:</b> 360° high-frequency, Ø 7 m  <b>Networking via:</b> Bluetooth Mesh Connect  <b>Max. mounting height:</b> 4.00 m  <b>Mounting site:</b> Ceiling  <b>Dimensions:</b> Ø 174 x 73 mm</p>				
<p><b>RS PRO DL 200</b> Sensor-switched LED indoor light</p>  <p>Bluetooth MESH</p>	<p>18 W / 1950 lm / 3000 K, 4000 K, 5700 K</p>	<p>white</p>	<p>IP20 / IK03</p>	<p><b>4007841 085292</b></p>
<p><b>Installation adapter</b></p>				
<p>Adapter RS PRO DL 200 SC</p>				<p><b>4007841 087371</b></p>
<p><b>Adjustable light colour: 3000 K, 4000 K, 5700 K</b>  <b>Sensor data:</b> 360° high-frequency, Ø 7 m  <b>Networking via:</b> Bluetooth Mesh Connect  <b>Max. mounting height:</b> 4.00 m  <b>Mounting site:</b> Ceiling  <b>Dimensions:</b> Ø 230 x 73 mm</p>				

# XLED PRO floodlights. Optimum illumination for every situation.

With their swivelling LED panels, the floodlights in our XLED PRO range really do tick all the boxes. In fact, STEINEL LED technology offers more uniform and targeted lighting for halls, company buildings, entrances and paths than ever before with up to 2124 lumens. All of our floodlights can be mounted at heights of up to 6 metres, and we even offer a corner wall mount for the XLED PRO 240.



XLED PRO 240 S



Product

Performance data

Variant

IP rating

EAN

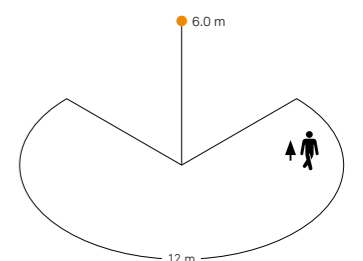
## XLED PRO 240 S

Sensor-switched LED floodlight



19.3 W / 2124 lm / 3000 K	white	IP44 / IK03	<a href="#">4007841 068073</a>
19.3 W / 2124 lm / 4000 K	white	IP44 / IK03	<a href="#">4007841 068370</a>
19.3 W / 2124 lm / 3000 K	black	IP44 / IK03	<a href="#">4007841 068110</a>
19.3 W / 2124 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 068066</a>
<b>Manual version (without sensor)</b>			
19.3 W / 2124 lm / 3000 K	white	IP44 / IK03	<a href="#">4007841 068103</a>
19.3 W / 2124 lm / 3000 K	black	IP44 / IK03	<a href="#">4007841 068097</a>
19.3 W / 2124 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 068080</a>
<b>Corner wall mount</b>			
	white		<a href="#">4007841 055615</a>
	black		<a href="#">4007841 055875</a>
	anthracite		<a href="#">4007841 053086</a>

**2 x 180° swivelling LED panels, corner wall mount optional**  
**Sensor data:** 240° passive infrared, r = 12 m  
**Networking via:** Cable  
**Max. mounting height:** 6.00 m  
**Mounting site:** Wall, ceiling  
**Dimensions:** 161 x 180 x 221 mm (without sensor: 161 x 180 x 199 mm)



# XLED PRO One. Bright isn't the word.

With a maximum of 6116 lumens, the XLED PRO One floodlights ensure perfect illumination with a warm white light that reaches into even the darkest of corners. The robust aluminium floodlights are available in three levels of luminosity, each with or without a sensor, and all covered by STEINEL's 5-year manufacturer's warranty.

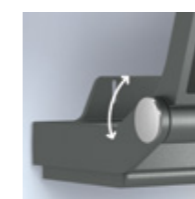


XLED PRO One S

	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
<b>Light flux</b>	2204 lm	4370 lm	6116 lm	2236 lm	4370 lm	6093 lm
<b>Sensor</b>	240°, max. 10 m	240°, max. 10 m	240°, max. 10 m	-	-	-
<b>Basic light</b>	10%	10%	10%	-	-	-



Aluminium housing



Panel swivels through 180°



Incl. RC12 for sensor version





Optional Smart Remote



Optional surface-mount adapter

Product	Performance data	Variant	IP rating	EAN
<b>XLED PRO ONE S</b> Sensor-switched LED floodlight 	18.4 W / 2204 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 069568</a>
	<b>Manual version (without sensor)</b>			
	17.7 W / 2236 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 069513</a>
	<b>Surface-mounted adapter</b>			
		anthracite		<a href="#">4007841 080990</a>
	<b>10% basic light. Sensor version includes RC 12 remote control</b> Sensor data: 240° passive infrared, r = 10 m Networking via: Cable Max. mounting height: 6.00 m Mounting site: Ceilings, walls Dimensions: 182 x 229 x 230 mm			
<b>XLED PRO ONE Plus S</b> Sensor-switched LED floodlight 	33.8 W / 4370 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 069551</a>
	<b>Manual version (without sensor)</b>			
	33.1 W / 4370 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 069544</a>
	<b>Surface-mounted adapter</b>			
		anthracite		<a href="#">4007841 080983</a>
	<b>10% basic light. Sensor version includes RC 12 remote control</b> Sensor data: 240° passive infrared, r = 10 m Networking via: Cable Max. mounting height: 6.00 m Mounting site: Ceilings, walls Dimensions: 202 x 259 x 250 mm			
<b>XLED PRO ONE Max S</b> Sensor-switched LED floodlight 	50.1 W / 6116 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 069537</a>
	<b>Manual version (without sensor)</b>			
	49.4 W / 6093 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 069520</a>
	<b>Surface-mounted adapter</b>			
		anthracite		<a href="#">4007841 080983</a>
	<b>10% basic light. Sensor version includes RC 12 remote control</b> Sensor data: 240° passive infrared, r = 10 m Networking via: Cable Max. mounting height: 6.00 m Mounting site: Ceilings, walls Dimensions: 202 x 259 x 250 mm			

Product	Performance data	Variant	IP rating	EAN
<b>Smart Remote</b> Remote control 	black			<a href="#">4007841 009151</a>
	For controlling lights and sensors via smartphone or tablet. Replaces the RC1-RC12 remote controls. Incl. 2x AA batteries.			
<b>RC 12</b> Remote control 	black			<a href="#">4007841 079000</a>
	Twilight setting, run-on time, reset, install mode, continuous OFF/ON (4 h), teach mode, basic brightness time For: XLED PRO ONE S, XLED PRO ONE PLUS S, XLED PRO ONE MAX S			



# XSolar lights. Light anytime, anywhere. Without requiring electricity.

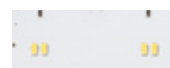
Light without electricity – the idea behind solar lights is sound. Install flexible and weather-resistant lighting solutions on household walls, carports and outdoor surfaces in no time. With our XSolar lights, we have managed to perfectly combine the perfect components in the form of highly efficient LEDs, precise STEINEL sensor technology, modern lithium iron phosphate batteries and patented software. Whether in summer or winter, STEINEL XSolar lights simply work at all times, shining brightly 365 days a year.



XSolar L-S



Monocrystalline solar panel



Highly efficient LED system



Powerful infrared sensor



Lithium iron phosphate battery



Intelligent control



Product	Performance data	Variant	IP rating	EAN
<b>XSolar L-S</b> LED solar lights 	1.2 W / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 085698</a>
	6 m extension cable		black	<a href="#">4007841 006518</a>
Completely wireless for flexible, universal use 60-day light reserve thanks to a lithium iron phosphate battery. Lighting only when required thanks to STEINEL motion detector Sensor data: 140° passive infrared, r = 8 m Max. mounting height: 2.00 m Mounting site: Wall Dimensions: 187 x 189 x 298 mm				
<b>XSolar GL-S</b> LED solar lights 	1.2 W / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 085681</a>
	Completely wireless for flexible, universal use 60-day light reserve thanks to a lithium iron phosphate battery. Lighting only when required thanks to STEINEL motion detector Sensor data: 140° passive infrared, r = 5 m Mounting site: Standing Dimensions: 188 x 194 x 1178 mm			

# The outdoor light that solves all problems.

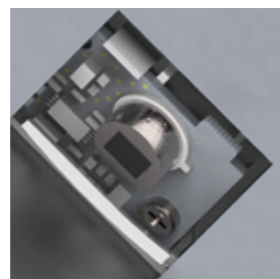
Why guess when you can be spot on? With the installation of four precision infrared sensors, which can be individually adjusted in four directions, the DL Vario Quattro PRO S is able to do its job exactly where it is needed. At the same time, the range can be precisely adjusted from 2–8 metres to exclude adjacent streets or neighbour paths from the detection zone as required. The sensor lenses integrated into the light cover are only visible from the outside as a discreet honeycomb structure to round off the sleek design of the light without distracting sensor elements. All this for a light that offers illumination precisely and reliably where you need it.



DL Vario Quattro Pro S



Sensor lens integrated into the light cover



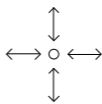

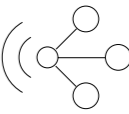



4 individually adjustable infrared sensors


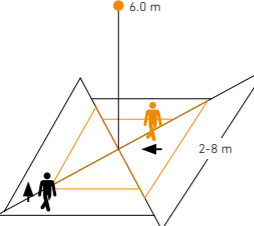

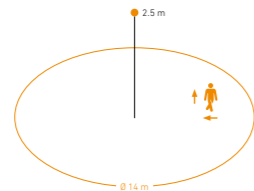

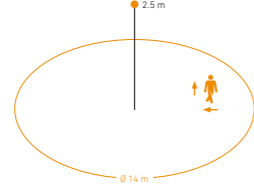




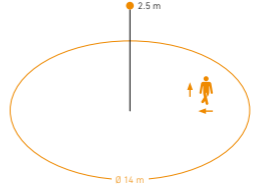
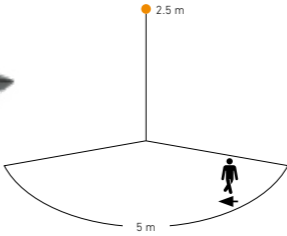
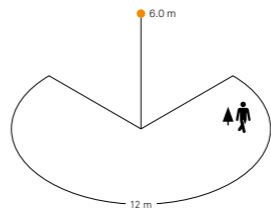
Reach adjustment from 2–8 m in any direction



Sensor adjustable in any direction

 <p>4 individually adjustable infrared sensors</p>	 <p>Reach adjustment from 2–8 m in any direction</p>	 <p>10 lights can be connected by cable</p>
 <p>2–1000 lux</p>	 <p>5 secs – 30 mins</p>	 <p>IK07 shock resistance</p>



Product	Performance data	Variant	IP rating	EAN
<b>DL Vario Quattro PRO S</b> Sensor-switched LED outdoor light  	14 W / 1430 lm / 4000 K	white	IP54 / IK07	<a href="#">4007841 068196</a>
	14 W / 1430 lm / 4000 K	silver	IP54 / IK07	<a href="#">4007841 035495</a>
	14 W / 1430 lm / 4000 K	anthracite	IP54 / IK07	<a href="#">4007841 057589</a>
	14 W / 1430 lm / 3000 K	white	IP54 / IK07	<a href="#">4007841 068202</a>
	With 4 individually adjustable infrared sensors. 4-hour continuous light, basic light 10% Sensor data: 360° passive infrared, r = 16 m Networking via: Cable Max. mounting height: 6.00 m Mounting site: Ceiling Dimensions: Ø 310 x 69 mm <small>This product contains a light source of energy efficiency class 'D'.</small>			
<b>L 690 S</b> Sensor-switched LED outdoor light  	8.5 W / 700 lm / 3000 K	anthracite	IP44 / IK07	<a href="#">4007841 053000</a>
	Replacement shade			
		PMMA		<a href="#">4007841 006327</a>
With minisensor. 4-hour continuous light, basic light 10%, sheet of house numbers included Sensor data: 360° passive infrared, r = 7 m Networking via: Cable Max. mounting height: 2.50 m Mounting site: Wall Dimensions: 104 x 291 x 303 mm <small>This product contains a light source of energy efficiency class 'D'.</small>				
<b>L 691 S</b> Sensor-switched LED outdoor light  	8.5 W / 576 lm / 3000 K	anthracite	IP44 / IK07	<a href="#">4007841 053031</a>
	Replacement shade			
		PMMA		<a href="#">4007841 006327</a>
With minisensor. 4-hour continuous light, basic light 10% Sensor data: 360° passive infrared, r = 7 m Networking via: Cable Max. mounting height: 2.50 m Mounting site: Wall Dimensions: 126 x 291 x 303 mm <small>This product contains a light source of energy efficiency class 'D'.</small>				

Product	Performance data	Variant	IP rating	EAN
<b>L 330 S</b> Sensor-switched LED outdoor light  	8.4 W / 815 lm / 3000 K	anthracite	IP44 / IK10	<a href="#">4007841 053079</a>
	Replacement shade			
	PMMA		<a href="#">4007841 062965</a>	
With minisensor. 4-hour continuous light, basic light 10% Sensor data: 360° passive infrared, r = 7 m Networking via: Cable Max. mounting height: 2.50 m Mounting site: Wall Dimensions: 109 x 253 x 270 mm <small>This product contains a light source of energy efficiency class 'D'.</small>				
<b>L 331 S</b> Sensor-switched LED outdoor light  	8.4 W / 711 lm / 3000 K	anthracite	IP44 / IK10	<a href="#">4007841 053093</a>
	Replacement shade			
	PMMA		<a href="#">4007841 062965</a>	
With minisensor. 4-hour continuous light, basic light 10% Sensor data: 360° passive infrared, r = 7 m, interconnection via: Cable Max. mounting height: 2.50 m, mounting site: Wall Dimensions: 124 x 253 x 270 mm <small>This product contains a light source of energy efficiency class 'D'.</small>				
<b>L 825 SC</b> Sensor-switched LED outdoor light   	9.7 W / 707 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 059903</a>
	Settings via Bluetooth, app-controlled, continuous light and basic light 10-100% Sensor data: 160° iHF (intelligent high-frequency technology), r = 5 m Networking via: Bluetooth Mesh Connect Max. mounting height: 2.50 m Mounting site: Wall Dimensions: 157 x 331 x 95 mm <small>This product contains a light source of energy efficiency class 'E'.</small>			
<b>L 400 S</b> E27 sensor-switched outdoor light with infrared sensor  	max. 60 W / E27	white	IP44 / IK03	<a href="#">4007841 611118</a>
	max. 60 W / E27	black	IP44 / IK03	<a href="#">4007841 611019</a>
	Replacement glass			
		Glass		<a href="#">4007841 001902</a>
	Corner wall mount			
	white		<a href="#">4007841 630416</a>	
	black		<a href="#">4007841 630317</a>	
Hand-blown crystal glass, 4-hour continuous light, basic light 10-50% Sensor data: 240° passive infrared, r = 12 m Max. mounting height: 6.00 m Mounting site: 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	Performance data	Variant	IP rating	EAN
<b>GL 85 SC 900</b> Sensor-switched LED outdoor light 	9 W / 655 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 078683</a>
	<b>Manual version (without sensor)</b>			
	9 W / 719 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 078676</a>
	<b>Replacement stand profile</b>			
		anthracite		<a href="#">4007841 078867</a>
<b>GL 85 SC 600</b> Sensor-switched LED outdoor light 	9 W / 655 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 078669</a>
	<b>Manual version (without sensor)</b>			
	9 W / 719 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 078652</a>
	<b>Replacement stand profile</b>			
		anthracite		<a href="#">4007841 078850</a>
<b>L 845 SC</b> Sensor-switched LED outdoor light 	9 W / 655 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 078645</a>
	<b>Manual version (without sensor)</b>			
	9 W / 719 lm / 3000 K	anthracite	IP44 / IK03	<a href="#">4007841 078638</a>
	<b>Aluminium wall light with internal 160° iHF sensor.</b> Dimmable main light, soft-light start, continuous light individually adjustable via app.			
	<b>Sensor data:</b> 160° iHF (intelligent high-frequency technology), r = 5 m <b>Networking via:</b> Bluetooth Mesh Connect <b>Mounting site:</b> Wall <b>Max. mounting height:</b> 2.50 m <b>Dimensions:</b> 134 x 134 x 87 mm <small>This product contains a light source of energy efficiency class 'F'.</small>			

# The future is Bluetooth

As the globally recognised standard for wireless data transfer, Bluetooth is used by practically every smartphone user. With Bluetooth Mesh Connect and the new STEINEL Connect app, we are ready for the future and proud to create new possibilities in networking and controlling lights and sensors. For more flexibility, convenience and energy-efficiency.



## STEINEL Connect app

The STEINEL Connect app can be used to input concrete values, such as range or basic light, and create networks, groups and neighbour groups. As a result, there is no need for controllers on the product itself. All settings can be viewed at a glance.



<h1>&gt;100</h1> <p>STEINEL Bluetooth products</p>			<p>True Presence® Multisensor</p>
<p>IS 180 digi HD</p>	<p>IR Quattro HD-2</p>	<p>IR MICRO Office</p>	<p>R 10 SC</p>
<p>R 20 SC</p>	<p>R 30 SC</p>	<p>R 20 Q SC</p>	<p>R 30 Q SC</p>
<p>S 10 SC</p>	<p>S 20 SC</p>	<p>GL 85-600/900 SC</p>	
<p>S 30 SC</p>	<p>S 30 Q SC</p>		
<p>5100 / 5150 SC</p>	<p>L 845 SC</p>		

# Service. Made by STEINEL.

For over 60 years now, we have been inventing and developing technological products that are way ahead of their time and capable of changing entire markets. We are the specialists in sensor technology and supply everything relating to automatic light and building automation. Products, software and service – you can count on us to support you with aspect of your application.

		
<p>Technical support STEINEL Professional</p> <p>Planning service DIALux / Relux</p> <p>Tel.: +49 (0) 5245 448-560 Fax: +49 (0) 5245 448-308 Email: <a href="mailto:objekte@steinel.de">objekte@steinel.de</a></p>		<p>Find our entire product range along with operating instructions and product videos at:</p> <p><a href="http://www.steinel.de">www.steinel.de</a></p>
		
<p>5-year warranty for all products in our Professional line</p>	<p>STEINEL spare parts service and after-sales warranty on original parts</p>	<p>Our dedicated field sales representatives are your direct points of contact</p>

# Always up to date. Always in the know.

The Sensor Guide contains a full range of light and sensor solutions to suit your application and desired field of use. Clear, quick, and easy to understand.

The STEINEL Newsletter covers all the latest developments in sensor technology and lighting for you, and comes directly from the manufacturer.

	
<p><b>The STEINEL Sensor Guide</b></p>	<p><b>Newsletter for lighting and sensor professionals</b></p>

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