Sensor Guide.

Planning sensor technology the reliable way.
For every room the perfect sensor
and lighting solutions from STEINEL

steinel

Long corridors, irregularly shaped stairwells, one-person and open-plan offices, WCs, washrooms or warehouses:
Properties come with all kinds of different spatial situations. STEINEL has been devoted to the exciting task of developing the best possible lighting control solution for each and every one of them for over 30 years. As a specialist and technology leader in this field, we employ all of the four commonly used sensor technologies in our products out of conviction. For full, reliable coverage of every last inch of space – in absolutely any situation.

In this brochure, which has received an award from the well-known German trade journal bba – Bau, Beratung, Architektur (Building, Advice, Architecture) – we show you why which sensor technology is the best for the specific room situation – and how we put it to optimum use in our products. This will help you to find the ideal sensor for any application in next to no time.

We are convinced of our products and want to convince you as well.
Not least with a 5-year warranty on all Professional line products.

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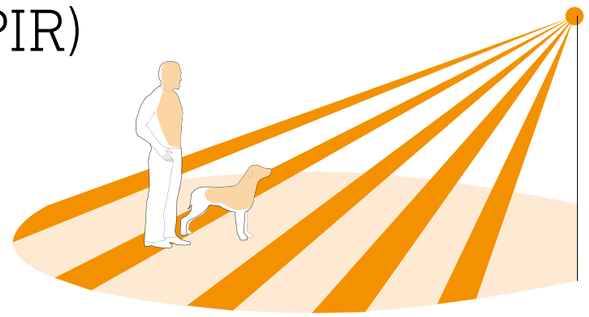
Our 4 sensor technologies.
The right solution for any application.

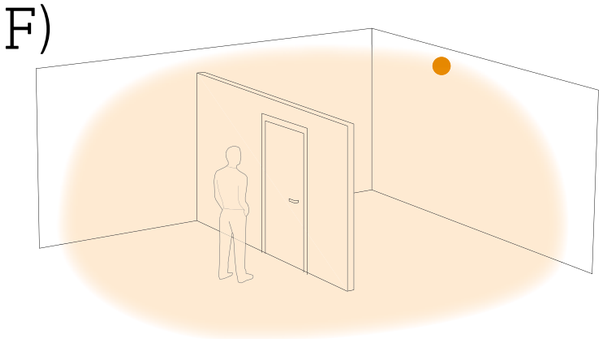
Passive Infrared (PIR)

Responds to moving sources of heat.



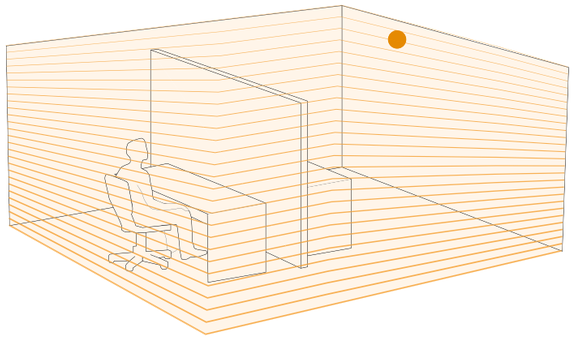
High frequency (HF)

Can even see through thin walls.



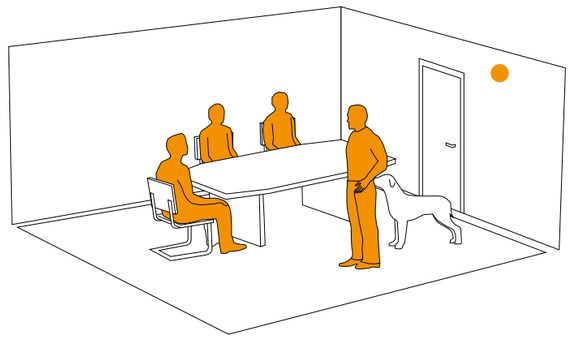
Ultrasonic (US)

Fills the entire room and also detects movement around objects.



Optical sensor

Only detects people and can also count them.



Corridor/aisle
Sensors

It is crucial for a corridor sensor to be good at detecting radial movements. This means in situations where the sensor is approached from the front. STEINEL has developed special sensors for corridors, aisles and passageways on the basis of high-frequency or infrared technology – with a radial reach of up to 12.50 metres. Hallway is the perfect solution for a ceiling height of up to 3.50 m!

Special applications
- The Hallway can be adjusted in both directions to suit any specific need
- The IS 345 infrared sensor is the right choice for a ceiling height of up to 5 m
- The IR 180 is a presence switch for mounting on the wall

Technical advice
With the IR 180, IS 345 and the Dual US, reach can be set very conveniently via remote control.

Corridor/aisle
Sensor-switched lights

Sensor-switched lights from STEINEL are the perfect solution for new builds and refurbishment. The high-frequency sensor invented by STEINEL is invisibly integrated into the light and only switches light ON when it is needed. Simply connect the light to the power supply, adjust the sensor via potentiometer or app – that's all there is to it! High-efficiency STEINEL LED systems on the cutting edge of technology provide contemporary and energy-efficient lighting.

Installation advice
- All models can be used equally well as wall or ceiling lights

Technical advice
All models from the R-series can be interconnected via
Bluetooth and put into operation by app.

R-series emergency light module
Optional emergency light
for 3h to EN 60598-2-22
EAN 4007841 064143

Presence detector Hallway

- High-frequency corridor sensor
- Perfect radial detection up to 25 m hallway length
- Reach can be adjusted separately in two directions
- Wireless interconnection via Bluetooth
- Surface-mounted and concealed versions
- COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX V3.5, IP, BT IPD (slave)

For EANs, see page 43

Presence detector Dual US

- Ultrasonic corridor sensor
- For corridors and passageways in residential and office buildings
- 60qm² reach (20 x 3m)
- Detects everything equally well, whichever direction it is approached from
- COM1, COM2, DALI-2 IPD, DIM, KNX V3.1, LiveLink

For EANs, see page 45

Sensor-switched indoor light RS PRO R plus series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 10 m reach
- max. 23,9 W, giving up to 3019 lumens, 3000 K or 4000 K
- Optional 1 – 100% basic light level, main light 1 – 100 % and backlight, presence mode, neighbouring group function, interconnection via Bluetooth, group configuration, switches OFF in relation to daylight
- Can be connected to central battery systems

For EANs, refer to page 50/51

Sensor-switched indoor light RS PRO R basic series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 10 m reach
- max. 23,9 W, giving up to 3019 lumens, 3000 K or 4000 K
- Optional 1 – 100% basic light level, main light 1 – 100 % and backlight, presence mode, neighbouring group function, interconnection via Bluetooth, group configuration, switches OFF in relation to daylight

For EANs, refer to page 50/51

Motion detector IS 345

- Infrared corridor sensor
- For corridors and aisles in warehouses, residential and office buildings
- Ceiling installation at a height of up to 5 m
- Detection zone 23 m long and 6 m wide
- Lens specifically geared to corridors
- Surface-mounted and concealed versions in both round and square designs, DE-version
- COM1, DALI-2 APC, DALI-2 IPD, KNX V3.1, PF

For EANs, see page 47

Presence switch IR 180

- 180° infrared presence switch, 20 m reach
- For corridors and passageways in residential and office buildings
- The KNX version indicates temperature and humidity levels measured
- Adapters for all commonly used 55 mm surrounds
- Available as 2 (IR 180 UNIVERSAL) and 3-wire option
- COM1, KNX V3.1

For EANs, see page 45

Sensor-switched indoor light RS PRO S series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 26 W giving up to 2920 lumens, 3000 K or 4000 K
- Optional 10 % basic light level, presence mode, neighbouring group function, bi-directional wireless interconnection capability, switches OFF in relation to daylight

For EANs, see page 51

Sensor-switched indoor light RS PRO P series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 20 W giving up to 2310 lumens, 3000 K or 4000 K
- Optional 10% basic light level
- Also available as emergency light version in compliance with EN 60598-2-22
- Up to 10 lights can be interconnected by cable

For EANs, see page 50

Stairwell
Sensors

In stairwells, it is often hard to provide any direct detection of persons walking up and down the stairs. This is because of the winding geometry of stairwells that infrared technology is not designed for. For this reason, STEINEL offers sensors based on high-frequency and ultrasonic technology that guarantee perfect detection in stairwells.

Installation advice
- Use the high-frequency sensors for normal building architecture and for 360-degree detection
- In small and winding stairwells, choose the sensors that use ultrasonic technology

Technical advice
The HF 360-2, HF 180 and the ultrasonic models provide a semi-automatic mode for switching light ON manually and OFF again automatically.

Stairwell
Sensor-switched lights

Sensor-switched lights from STEINEL are the perfect solution for new builds and refurbishment. The high-frequency sensor invented by STEINEL is invisibly integrated into the light and only switches light ON when it is needed. Simply connect the light to the power supply, adjust the sensor via potentiometer or app – that's all there is to it! High-efficiency STEINEL LED systems on the cutting edge of technology provide contemporary and energy-efficient lighting.

Installation advice
- All models can be used equally well as wall or ceiling lights

Technical advice
With maximum light intensity rarely needed with the R-series luminaires, energy can be saved too by adjusting the main light in the app.

Presence detector HF 360-2

- 360° high-frequency presence detector
- HF sensor detects through thin walls and suspended ceilings
- Reach 12 m in diameter, ceiling mounting
- Wireless interconnection via Bluetooth
- Surface-mounted and concealed versions
- COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX V3.5, IP, BT IPD (slave)

For EANs, see page 43

Motion detector HF 3360

- 360° high-frequency motion detector
- 8 m reach in diameter
- Ceiling, wall or corner mounting
- Ideal for entrances
- Surface-mounted and concealed versions in both round and square designs
- COM1, PF, DALI-2 IPD, KNX V3.1

For EANs, see page 45

Sensor-switched indoor light RS PRO R plus series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 10 m reach
- max. 23,9 W, giving up to 3019 lumens, 3000 K or 4000 K
- Optional 1 – 100% basic light level, main light 1 – 100 % and backlight, presence mode, neighbouring group function, interconnection via Bluetooth, group configuration, switches OFF in relation to daylight
- Can be connected to central battery systems

For EANs, refer to page 50/51

Sensor-switched indoor light RS PRO S series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 26 W giving up to 2920 lumens, 3000 K or 4000 K
- Optional 10 % basic light level, presence mode, neighbouring group function, bi-directional wireless interconnection capability, switches OFF in relation to daylight

For EANs, see page 51

Presence switch HF 180

- 180° high-frequency presence switch
- For stair wells, entrance rooms and WC facilities
- 1- 8 m reach radius
- The KNX version indicates temperature and humidity levels measured
- Adapters for all commonly used 55 mm surrounds
- COM1, KNX V3.1

For EANs, see page 45

Presence detector US 360

- 360° ultrasonic presence detector
- US sensor envelops objects but does not pass through them
- Presence detection zone covering 28 sq.m., ceiling mounting
- COM1, COM2, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Sensor-switched indoor light RS PRO P series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 20 W giving up to 2310 lumens, 3000 K or 4000 K
- Optional 10% basic light level
- Also available as emergency light version in compliance with EN 60598-2-22
- Up to 10 lights can be interconnected by cable

For EANs, see page 50

One-person office
Sensors

Detecting the smallest of movements is particularly important in offices. High-resolution presence detectors from STEINEL even make sure that the light does not go out when sitting at the computer. In addition to precision infrared sensors, STEINEL also offers highly sensitive ultrasonic technology from the USA.

Benefits from STEINEL
- With an installed height of just 6 mm, the IR Quattro SLIM XS is almost invisible
- The IR Quattro lets you limit detection to any chosen work areas
- Measuring only 43 mm in diameter, the IR Quattro MICRO is STEINEL's most compact presence detector

Technical advice
Utilise natural daylight with the constant lighting control function from the DALI-2 APC and KNX versions for maximum energy efficiency.

Open-plan office
Sensors

With STEINEL presence detectors you can watch over every last inch of large offices with just a few sensors. Besides controlling lighting in open-plan offices reliably and extremely efficiently, the True Presence® Multisensor KNX also ensures a good indoor climate.

Benefits from STEINEL
- The IR Quattro HD provides a presence detection zone of up to 64 sq.m., as well as an exact square detection footprint restricted to specific work groups
- True Presence® is the first detector for identifying actual human presence. It reliably detects presence and absence of people in a 64 m^2 area "in True Presence® quality"

Technical advice
Install the DualTech in the corner at the entrance to the room so as to maximise tangential detection when people enter.

Presence Detector IR Quattro MICRO

- 360° infrared presence detector
- 16 sq.m. square presence detection zone
- Only Ø 43 mm
- Micro-precision lens, 15 x 15 mm
- Also suitable for rooms exposed to moisture (IP65)
- Adjustable via smart remote
- COM1, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Presence detector IR Quattro SLIM XS

- 360° infrared presence detector
- Square presence detection zone covering 16 sq.m., ceiling mounting
- 6 mm installed height, installation in all standard flush-mounting boxes
- including round bezel
- COM1, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Presence & multisensor
True Presence® Multisensor Aerosol KNX

- 7 sensor detection variables: true presence, brightness, temperature, humidity, air pressure, volatile organic compounds (VOC), CO_2
- Indication of a potential infection risk
- Micro-movements from breathing are enough to detect human presence
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height

For EANs, see page 42

Human Presence Detector HPD2

- The world's one and only 110° optical sensor
- Detects and counts people sitting and standing
- 15 m reach with 5 (10 for the IP version) precisely definable detection zones, wall mounting
- Integrated temperature and humidity sensors at Klix
- IP and KNX interface
- IP-Protocols: MQTT, REST API & BACnet

For EANs, see page 45

Presence detector US 360

- 360° ultrasonic presence detector
- US sensor envelops objects but does not pass through them
- Presence detection zone covering 28 sq.m., ceiling mounting
- COM1, COM2, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Presence detector True Presence®

- Can unambiguously detect human presence
- Micro-movements due to breathing are enough
- Reliable absence detection
- 64 sq.m. True Presence® detection, 177 m^2 presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height
- COM1, COM2, DALI-2 APC, KNX V3.0 (concealed only), IP, BT IPD (slave)

For EANs, see page 42

Presence detector IR Quattro HD-2

- 360° infrared presence detector
- 81 sq.m. square presence detection zone
- Detection can be digitally adjusted
- Wireless interconnection and configuration via Bluetooth
- COM1, COM2, DALI-2 APC, DALI-2 IPD, BT IPD, IP, KNX V3.5

For EANs, see page 43

Presence detector IR Quattro Slim KNX

- 360° infrared presence detector
- 16 sq.m. square presence detection zone
- Installed height 6 mm
- KNX interface

For EANs, see page 42

Film on using Flex-Desk/meeting-room management

Flex Desk management
Sensors

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

Benefits from STEINEL
- Areas can be segmented into a total of 5 detection zones (10 zones for IP version)
- Live information on utilisation and frequency
- Data provided for situation analysis

Technical advice
Once installed, the HPD2 can stay where it is even after restructuring the room situation. All you need to do is re-set the zones. This means the HPD2 provides maximum versatility when re-organising rooms.

Hotel
Sensors

Which room is available, which room is still occupied? It is embarrassing and inefficient when service personnel enter a room that is still occupied. The Hospitality-Solution lets you easily detect which rooms still have guests present and which do not. Service can be optimised and performed much more quickly.

Benefits from STEINEL
- True Presence® technology for the first time permits reliable absence detection
- Digital configuration of the detection zones and sensor specifications
- The IR 180 is the ideal presence switch for WC rooms

Technical advice
Use all of the sensor detection capabilities provided by the True Presence® Multisensor KNX and also get information on room temperature, humidity, CO_2, volatile organic compounds (VOC) and air pressure.

Film on use in the hotel industry

European Privacy Seal

Human Presence Detector HPD2

- The world's one and only 110° optical sensor
- Detects and counts people sitting and standing
- 10 m reach with 5 (10 for the IP version) precisely definable detection zones, wall mounting
- Integrated temperature and humidity sensors at KNX
- IP-Protocols: MQTT, REST API & BACnet
- IP and KNX interface

For EANs, see page 45

Human Presence Detector HPD3

- Optical sensor with additional HF sensor for the ceiling
- integrated VOC sensor and CO2 equivalent
- integrated temperature & humidity measurement
- Bluetooth Mesh standard
- Protocols: MQTT, REST API & BACnet
- Concealed and surface-mounted version

For EANs, see page 45

Presence detector True Presence®

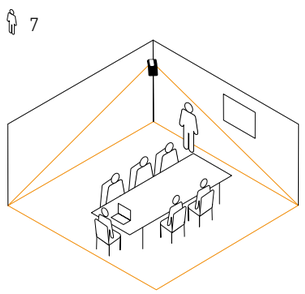
- Can unambiguously detect human presence
- Micro-movements due to breathing are enough
- Reliable absence detection
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height
- COM1, COM2, DALI-2 APC, KNX V3.0 (concealed only), IP, BT IPD (slave)

For EANs, see page 42

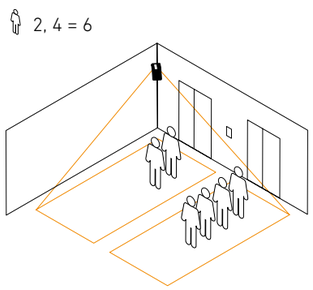
Presence & multisensor True Presence® Multisensor KNX

- 7 sensor detection variables: true presence, brightness, temperature, humidity, air pressure, volatile organic compounds (VOC), CO_2
- Micro-movements due to breathing are enough
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height

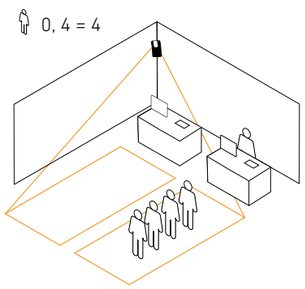
For EANs, see page 42



Reliable detection of the number of people in a room.



Live information on capacity utilisation and frequency.



Providing data for analysing situations.

Presence detector Hallway

- High-frequency corridor sensor
- Perfect radial detection up to 25 m hallway length
- Reach can be adjusted separately in two directions
- Wireless interconnection via Bluetooth
- Surface-mounted and concealed versions
- COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX V3.5, IP, BT IPD (slave)

For EANs, see page 43

Presence switch IR 180

- 180° infrared presence switch, 20 m reach
- For corridors, passageways and WC rooms in residential and office buildings
- The KNX version indicates temperature and humidity levels measured
- Adapters for all commonly used 55 mm surrounds
- Available as 2 and 3-wire option
- COM1, KNX V3.1

For EANs, see page 45

Conference room
Sensors

Especially in conference rooms, the demands on sensors are very high. To cope with the particular challenges of office spaces, STEINEL offers innovative solutions that are based on True Presence® and optical sensor technology.

Benefits from STEINEL
- With our Meeting Room solution, the HPD2 lets you quickly and reliably ascertain room utilisation and actual occupancy, and can even show you how many people are present in a particular room. As a result, it can provide highly relevant information for overall building automation
- Ultrasonic sensor US 360 is ideal for pendant lights or sound insulation elements

Technical advice
The HPD2 lets you set up to ten detection zones with absolute precision!

Classroom
Sensors

Using sensors to control lighting in classrooms is a real challenge. Particular during tests, when pupils hardly move, lighting must not be allowed to go out. This is where you need outstanding detection performance with first-class sensor technology from STEINEL.

Benefits from STEINEL
- With its 64 sq.m. presence detection zone, the IR Quattro HD can cover an entire classroom
- True Presence® is the first detector for identifying actual human presence. It reliably detects presence and absence of people in a 64 m^2 area "in True Presence® quality"

Technical advice
Multi-sensor Air detects temperature, humidity, air quality, volatile organic compounds (VOC) and brightness, making it a building's real sensory organ and provides the information that is necessary for true building intelligence.

Human Presence Detector HPD2

- The world's one and only 110° optical sensor
- Detects and counts people sitting and standing
- 10 m reach with 5 (10 for the IP version) precisely definable detection zones, wall mounting
- Integrated temperature and humidity sensors at KNX
- IP and KNX interface

For EANs, see page 45

Presence detector True Presence®

- Can unambiguously detect human presence
- Micro-movements due to breathing are enough
- Reliable absence detection
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height
- COM1, COM2, DALI-2 APC, KNX V3.0 (concealed installation only), IP, BT IPD (slave)

For EANs, see page 42

Presence detector IR Quattro HD-2

- 360° infrared presence detector
- 81 sq.m. square presence detection zone
- Detection can be digitally adjusted
- Wireless interconnection & configuration via Bluetooth
- COM1, COM2, DALI-2 APC, DALI-2 IPD, BT IPD, IP, KNX V3.5

For EANs, see page 43

Presence detector US 360

- 360° ultrasonic presence detector
- US sensor envelops objects but does not pass through them
- Presence detection zone covering 28 sq.m., ceiling mounting
- COM1, COM2, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Presence detector IR Quattro HD-2

- 360° infrared presence detector
- 81 sq.m. square presence detection zone
- Detection can be digitally adjusted
- Wireless interconnection & configuration via Bluetooth
- COM1, COM2, DALI-2 APC, DALI-2 IPD, BT IPD, IP, KNX V3.5

For EANs, see page 43

Presence & Multisensor
True Presence® Multisensor Aerosol KNX

- 7 sensor detection variables: true presence, brightness, temperature, humidity, air pressure, volatile organic compounds (VOC), CO_2
- Indication of a potential infection risk
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone

For EANs, see page 42

Presence detector True Presence®

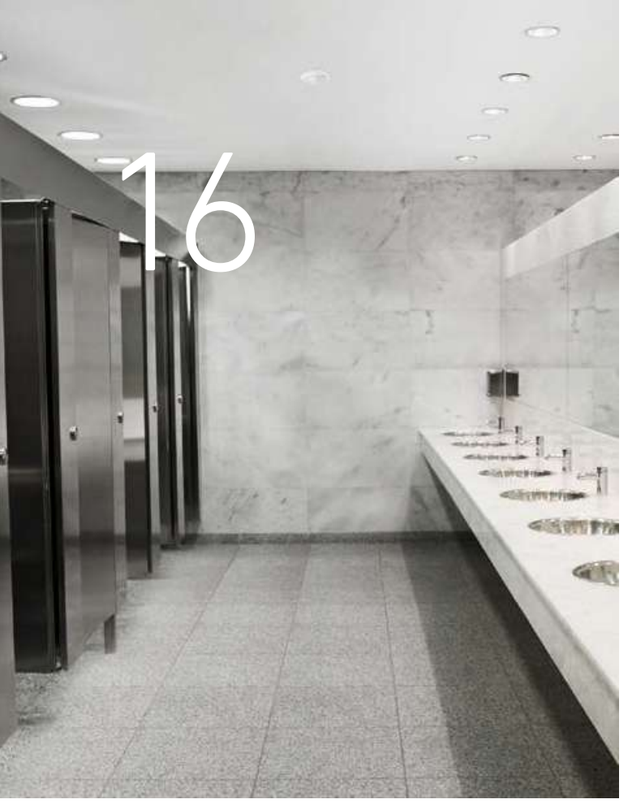
- Can unambiguously detect human presence
- Micro-movements due to breathing are enough
- Reliable absence detection
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height
- COM1, COM2, DALI-2 APC, KNX V3.0 (concealed installation only), IP, BT IPD (slave)

For EANs, see page 42

Presence detector IR Quattro HD

- 360°infrared presence detector
- Square detection zone, mechanically scalable
- 64 sq.m. square presence detection zone
- Constant-lighting control for three groups
- Bi-directional readout and sensor setting via Smart Remote

For EANs, see page 44



WC / washroom
Sensors

In WCs and washrooms, cubicles and partitions make it difficult to detect movement. Conventional infrared technology involves installing a large number of sensors to ensure well-functioning detection – in fact, a sensor above each WC. That is expensive and involves a lot of work.

Benefits from STEINEL
- The high-frequency technology developed by STEINEL is capable of reliably detecting movement through stud walls
- Compared with infrared technology, this means you only need a fraction of the sensors

Technical advice
In larger-type WC facilities with several rooms, several HF 360-2 sensors can be interconnected via Bluetooth.

Presence detector HF 360-2

- 360° high-frequency presence detector
- HF sensor detects through thin walls and suspended ceilings
- Reach 12 m in diameter, ceiling mounting
- Wireless interconnection via Bluetooth
- Surface-mounted and concealed versions
- COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX V3.5, IP, BT IPD (slave)

For EANs, see page 43

Presence detector US 360

- 360° ultrasonic presence detector
- US sensor envelops objects but does not pass through them
- Presence detection zone covering 28 sq.m., ceiling mounting
- COM1, COM2, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Presence Detector IR Quattro MICRO

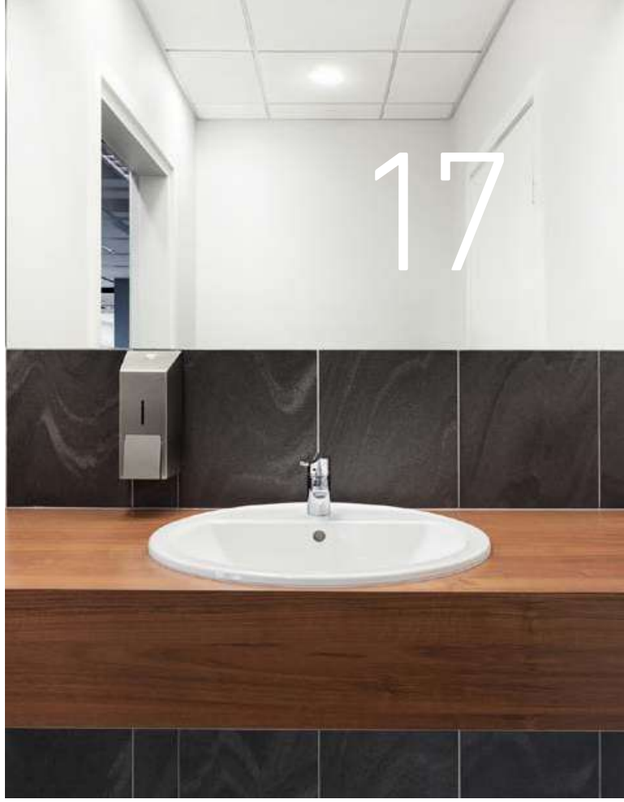
- 360° infrared presence detector
- 16 sq.m. presence detection zone
- Only Ø 43 mm
- Micro-precision lens, 15 x 15 mm
- Also suitable for rooms exposed to moisture (IP65)
- Adjustable via smart remote
- COM1, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Presence switch HF 180

- 180° high-frequency presence switch
- For stair wells, entrance rooms and WC facilities
- 1- 8 m reach in diameter
- The KNX version indicates temperature and air humidity levels measured
- Adapters for all commonly used 55 mm surrounds
- COM1, KNX V3.1

For EANs, see page 45



WC / washroom
Sensor-switched lights

In WCs and washrooms, the sensor-switched lights can really demonstrate their advantages. The sensor integrated in the light even detects movements behind partitions, e.g. in WC cubicles. The high-frequency sensor invented by STEINEL is invisibly integrated into the light and only switches light ON when it is needed.

Benefits from STEINEL
- Detection through stud walls and ceilings

Technical advice
Use the cost-effective master-slave networking to form luminaire groups with the RS PRO P2/P3 series. All models of the R series can be connected via Bluetooth and can be put into operation via app.

Sensor-switched indoor light RS PRO R plus series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 10 m reach
- max. 23,9 W, giving up to 3019 lumens, 3000 K or 4000 K
- Optional 1 – 100% basic light level, main light 1 – 100 % and backlight, presence mode, neighbouring group function, interconnection via Bluetooth, group configuration, switches OFF in relation to daylight
- Can be connected to central battery systems

For EANs, refer to page 50/51

Sensor-switched indoor light RS PRO R basic series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 10 m reach
- max. 23,9 W, giving up to 3019 lumens, 3000 K or 4000 K
- Optional 1 – 100% basic light level, main light 1 – 100 % and backlight, presence mode, neighbouring group function, interconnection via Bluetooth, group configuration, switches OFF in relation to daylight

For EANs, refer to page 50/51

Sensor-switched indoor light RS PRO S series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 26 W giving up to 2920 lumens, 3000 K or 4000 K
- Optional 10 % basic light level, presence mode, neighbouring group function, bi-directional wireless interconnection capability, switches OFF in relation to daylight

For EANs, see page 51

Sensor-switched indoor light RS PRO P series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 20 W giving up to 2310 lumens, 3000 K or 4000 K
- Optional 10% basic light level
- Also available as emergency light version in compliance with EN 60598-2-22
- Up to 10 lights can be interconnected by cable

For EANs, see page 50

Side room
Sensors

Particularly in seldom used side rooms, the light is often left on when there is nobody there. Depending on room type, STEINEL offers you three technologies based on infrared, high-frequency and ultrasonic systems.

Benefits from STEINEL
- Use the IR Quattro for small to medium-sized rooms
- The HF 360 is the ideal solution where the influence of temperature makes it difficult to detect movement via infrared (e.g. printer rooms)
- The IR 180 can be integrated into the 55 mm adapter surrounds of commonly used switch ranges from Busch-Jaeger and Feller (a dedicated surround is available for Jung). The colour of the IR 180 is similar to RAL 9010

Presence detector IR Quattro

- 360° infrared presence detector
- Square detection zone, mechanically scalable
- Presence detection zone covering 16 sq.m., ceiling mounting
- COM1, COM2, DALI-2 APC, KNX V3.1

For EANs, see page 44

Motion detector IS 2360-3 ECO

- 360° infrared motion detector
- Ceiling installation at a height of up to 6 m
- Covers up to 133 sq.m., max. reach 12 m in diameter
- Also available in white

For EANs, see page 47

Presence detector HF 360

- 360° high-frequency presence detector
- HF sensor detects through thin walls and suspended ceilings
- Reach 12 m in diameter, ceiling mounting
- COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Presence switch IR 180

- 180° infrared presence switch, 20 m reach
- For corridors and passageways in residential and office buildings
- The KNX version indicates temperature and humidity levels measured
- Adapters for all commonly used 55 mm surrounds
- Available as 2 and 3-wire option
- COM1, KNX V3.1

For EANs, see page 45

Side room
Sensor-switched lights

Side rooms often have no windows, making them dark when you enter them. This is where you want the light to come ON quickly. Instead, you sometimes have to fumble around to find the switch. Sensor-switched lights from STEINEL are ideal in this situation.

Benefits from STEINEL
- Invisibly integrated in the light, the high-frequency sensor reliably switches the light ON when anyone enters the room
- High-efficiency STEINEL LED systems on the cutting edge of technology provide contemporary and energy-efficient lighting

Technical advice
The RS PRO 5100 S can be interconnected via Bluetooth and put into operation by app.

Sensor-switched indoor light RS PRO R plus series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 10 m reach
- max. 23,9 W, giving up to 3019 lumens, 3000 K or 4000 K
- Optional 1 – 100% basic light level, main light 1 – 100 % and backlight, presence mode, neighbouring group function, interconnection via Bluetooth, group configuration, switches OFF in relation to daylight
- Can be connected to central battery systems

For EANs, refer to page 50/51

Sensor-switched indoor light RS PRO S series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 26 W giving up to 2920 lumens, 3000 K or 4000 K
- Optional 10 % basic light level, presence mode, neighbouring group function, bi-directional wireless interconnection capability, switches OFF in relation to daylight

For EANs, see page 51

Sensor-switched indoor light RS PRO P series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 20 W giving up to 2310 lumens, 3000 K or 4000 K
- Optional 10% basic light level
- Also available as emergency light version in compliance with EN 60598-2-22
- Up to 10 lights can be interconnected by cable

For EANs, see page 50

Sensor-switched indoor light RS PRO 5100 SC

- Sensor LED diffuser light
- For rugged applications: IP66, IK07
- 360° high-frequency sensor, Ø 10 m reach
- 30 W delivering 4200 lumens, 4000 K
- Optional 10 - 50% basic light level, 50 - 100% main light level, presence mode, neighbouring group function
- Wireless interconnection via Bluetooth

For EANs, see page 51

Multi-storey / underground car park
Sensors

We've all seen it – multi-storey car parks are always brightly lit when there's nobody around. This is where on-demand lighting can make huge savings. These areas need to be provided with efficient coverage using just a few sensors. Infrared sensors are very well suited for this job.

Benefits from STEINEL
- The IS 3360 covers an area of over 1000 sq.m. with just one sensor
- At entrances, the HF 3360 is ideal for providing light that switches ON immediately. Because light is switched ON as soon as the sensor detects the door opening

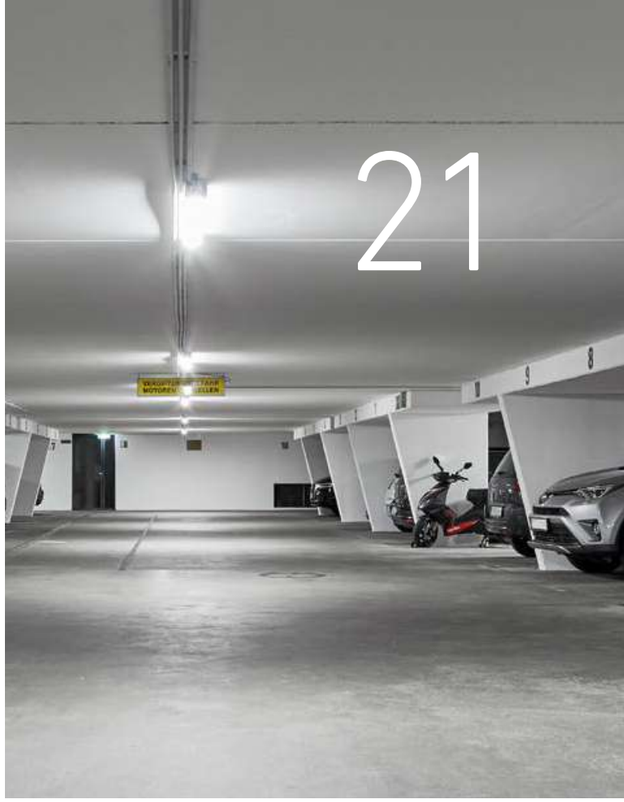
Technical advice
All four sensors can be controlled bi-directionally via the Smart Remote.

Multi-storey / underground car park
Sensor-switched lights

To illuminate multi-storey car parts safely, powerful lights are needed that use a lot of energy. In many cases, lighting is switched ON over entire levels without anyone being there. Using STEINEL sensor-switched lights, lighting is switched ON when it is needed, saving a large amount of energy.

Benefits from STEINEL
- Invisibly integrated in the light, the high-frequency sensor reliably switches the light ON
- Lights can be switched ON and OFF in groups
- You are provided with the basic light level option for night-time safety lighting

Technical advice
To install the RS PRO 5100 S you can use existing wiring and drill holes. The lights can be interconnected and adjusted via Bluetooth without the need for cables using the STEINEL app.



Motion detector IS 3360
- 360° infrared motion detector
- Ceiling installation at a height of up to 4 m
- Watches over up to 1000 m², 20 m reach radius
- 3 pyro-sensors, surface-mounted installation: IP54, concealed installation: IP20
- Surface-mounted and concealed versions in both round and square designs
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 46

Motion detector IS 3180
- 180° infrared motion detector
- Wall or corner mounting
- Watches over up to 500 m², 20 m reach radius
- 2 pyro-sensors, surface-mounted installation: IP54, concealed installation: IP20
- Surface-mounted and concealed versions
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 46

Motion detector sensIQ S
- 300° motion detector for outdoors
- Wall or corner mounting
- 1360 switching zones
- Each zone can be mechanically adjusted from 2 – 20 m
- Installation at a height of up to 5 m, IP54
- Including corner wall mount and remote control
- Also available as a KNX version

For EANs, see page 48

Motion detector HF 3360
- 360° high-frequency motion detector
- 8 m reach in diameter
- Ceiling, wall or corner mounting
- Ideal for entrances
- Surface-mounted and concealed versions in both round and square designs
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 45

Sensor-switched indoor light RS PRO R plus series
- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 10 m reach
- max. 23,9 W, giving up to 3019 lumens, 3000 K or 4000 K
- Optional 1 – 100% basic light level, main light 1 – 100 % and backlight, presence mode, neighbouring group function, interconnection via Bluetooth, group configuration, switches OFF in relation to daylight
- Can be connected to central battery systems

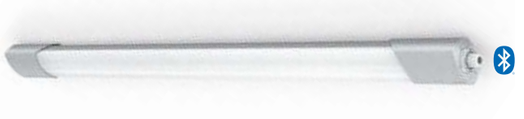
For EANs, refer to page 50/51

Sensor-switched indoor light RS PRO S series
- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 26 W giving up to 2920 lumens, 3000 K or 4000 K
- Optional 10 % basic light level, presence mode, neighbouring group function, bi-directional wireless interconnection capability, switches OFF in relation to daylight

For EANs, see page 51

Sensor-switched indoor light RS PRO P series
- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 20 W giving up to 2310 lumens, 3000 K or 4000 K
- Optional 10% basic light level
- Also available as emergency light version in compliance with EN 60598-2-22
- Up to 10 lights can be interconnected by cable

For EANs, see page 50



Sensor-switched indoor light RS PRO 5100 SC
- LED Sensor Indoor Light
- For rugged applications: IP66, IK07
- 360° high-frequency sensor, Ø 10 m reach
- 30 W delivering 4206 lumens, 4000 K
- Optional 10 - 50% basic light level, 50 - 100% main light level, presence mode, neighbouring group function
- Wireless interconnection via Bluetooth

For EANs, see page 50

Sports hall
Sensors

Ceilings in sports halls are often 8 – 10 m high. Detecting movement reliably in environments like this is no easy task. STEINEL has created a convincing solution for this in the form of the IR Quattro HD.

Benefits from STEINEL
- The IR Quattro HD guarantees reliable detection from a ceiling height of up to 10 m
- With its four pyro sensors, it effortlessly covers an area of up to 1,300 m^2 when installed at a height of 10 m
- True Presence® provides a detection zone of no less than an unprecedented 177 m^2 – even from a height of up to 12 m

Technical advice
The additional guard cage protects the sensor from ball damage and vandalism.

Equipment room
Sensors / Sensor-switched lights

Equipment rooms in schools or other facilities, such as exercise studios, are rooms in which lighting is often left ON unused.

Benefits from STEINEL
- The ultrasonic sensor US 360 is ideal for irregularly shaped rooms, such as changing rooms with lockers, as ultrasonic waves propagate throughout the room
- The infrared sensor IS 3360 is the perfect solution for large, open spaces
- As impact-resistant sensor-switched lights with integrated HF sensor, the RS PRO 5100 S is equipped for the toughest of applications

Technical advice
With all STEINEL indoor lights, the push-in shrouds supplied with them let you mask out specific areas of the detection zone very easily.

Presence detector IR Quattro HD

- 360°infrared presence detector
- Square detection zone, mechanically scalable
- 64 sq.m. square presence detection zone
- Ceiling installation at a height of up to 10 m
- COM1, COM2, DALI-2 APC, DALI-2 IPD, DALI plus, KNX V3.1
- 4800 switching zones

For EANs, see page 44

Presence detector True Presence®

- Can unambiguously detect human presence
- Micro-movements due to breathing are enough
- Reliable absence detection
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height
- COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX V3.1 (concealed and in-ceiling installation only), IP, BT IPD (slave)

For EANs, see page 42

Presence detector IR Quattro

- 360° infrared presence detector
- Square detection zone, ' mechanically scalable
- Presence detection zone covering 16 sq.m., ceiling mounting
- COM1, COM2, DALI-2 APC, KNX V3.1
- 1760 switching zones

For EANs, see page 44

Motion detector IS 3360 MX Highbay

- 360° infrared ceiling sensor
- For large halls or entrances
- Ceiling installation at a height of up to 14 m
- 18 m reach radius
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 47

Presence detector US 360

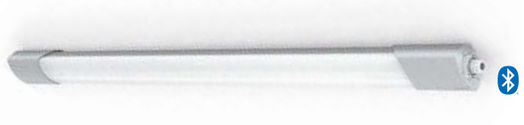
- 360° ultrasonic presence detector
- US sensor envelops objects but does not pass through them
- Presence detection zone covering 28 sq.m., ceiling mounting
- COM1, COM2, DALI-2 IPD, KNX V3.1

For EANs, see page 44

Motion detector IS 3360

- 360° infrared motion detector
- Ceiling installation at a height of up to 4 m
- Watches over up to 1,000 m^2, 20 m reach radius
- 3 pyro-sensors, surface-mounted installation: IP54, concealed installation: IP20
- Surface-mounted and concealed versions in both round and square designs
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 46



Sensor-switched indoor light RS PRO 5100 SC

- LED Sensor Indoor Light
- For rugged applications: IP66, IK07
- 360° high-frequency sensor, Ø 10 m reach
- 30 W delivering 4206 lumens, 4000 K
- Optional 10 - 50% basic light level, 50 - 100% main light level, presence mode, neighbouring group function
- Wireless interconnection via Bluetooth

For EANs, see page 51

Sensor-switched indoor light RS PRO S series

- Indoor LED SensorLight
- 360° high-frequency sensor, Ø 8 m reach
- 26 W giving up to 2600 lumens, 3000 K or 4000 K
- Optional 10 % basic light level, presence mode, neighbouring group function, bi-directional wireless interconnection capability, switches OFF in relation to daylight

For EANs, see page 50

High-bay warehouse
Sensors

In high-bay warehouses, ceilings of up to 14 m in height place exacting demands on the sensor technology. On the one hand, it must reliably detect movements from these heights. On the other, it must only detect movement in the particular aisle it covers. Infrared is the only technology suitable for these heights.

Benefits from STEINEL
- For large expanses and ceilings as high as 10 m we recommend the IR Quattro HD for covering areas of up to 400 m² with just one sensor
- For warehouse aisles, STEINEL offers the IS 345 MX Highbay with a reach of 30 m per aisle
- The IS 3360 MX Highbay with a mounting height of up to 14 m is particularly suitable for warehouses

Technical advice
The sensors can be interconnected for covering even larger areas.

Motion detector IS 345 MX Highbay

- Infrared corridor sensor
- High-bay warehouse and aisles
- Ceiling installation at a height of up to 14 m
- Detection over a max. length of 30 m and width of 4 m (exact detection depending on mounting height)
- Lens specifically geared to corridors
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 47

Presence detector True Presence®

- Can unambiguously detect human presence
- Micro-movements due to breathing are enough
- Reliable absence detection
- 64 sq.m. True Presence® detection, 177 sq.m. presence and motion detection
- Precisely adjustable digital detection zone
- 2 - 12 m mounting height
- COM1, COM2, DALI-2 APC, DALI-2 IPD, KNX V3.1 (concealed and in-ceiling installation only), IP, BT IPD (slave)

For EANs, see page 42

Presence detector IR Quattro HD

- 360°infrared presence detector
- Square detection zone, mechanically scalable
- 64 sq.m. square presence detection zone
- Ceiling installation at a height of up to 10 m
- COM1, COM2, DALI-2 APC, DALI-2 IPD, DALI plus, KNX V3.1

For EANs, see page 44

Motion detector IS 3360 MX Highbay

- 360° infrared ceiling sensor
- For large halls or entrances
- Ceiling installation at a height of up to 14 m
- 18 m reach radius
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 47

Warehouse
Sensor-switched lights

Almost all warehouse facilities are illuminated by artificial light and in most cases lighting is left on all the time during working hours, even though it is only needed for short periods. Using STEINEL sensor-switched lights, the light is only switched ON when it's needed. Otherwise it is off or can be dimmed to a stand-by mode. In short – using automatic lighting in warehouses can produce very high potential savings.

Benefits from STEINEL
- Invisibly integrated in the light, the high-frequency sensor reliably switches the light ON, lights can be switched ON and OFF in groups
- Highly efficient STEINEL LED systems on the cutting edge of technology
- All lights are also available in a slave version

Technical advice
Benefiting from its neighbouring-light function, the RS PRO 5100 S is capable of providing preceding and accompanying light for more safety and convenience.

Sensor-switched indoor light RS PRO 5100 SC

- LED Sensor Indoor Light
- For rugged applications: IP66, IK07
- 360° high-frequency sensor, Ø 10 m reach
- 30 W delivering 4206 lumens, 4000 K
- Optional 10 - 50% basic light level, 50 - 100% main light level, presence mode, neighbouring group function
- Wireless interconnection via Bluetooth

For EANs, see page 51

Sensor-switched indoor light RS PRO 5100 SC EM

- LED Sensor Indoor Light
- Emergency light version with 3 hours of emergency lighting in compliance with EN 60598-2-22
- For rugged applications: IP66, IK07
- 360° high-frequency sensor, Ø 10 m reach
- 30 W delivering 4206 lumens, 4000 K
- Optional 10 - 50% basic light level, 50 - 100% main light level, presence mode, neighbouring group function
- Wireless interconnection via Bluetooth

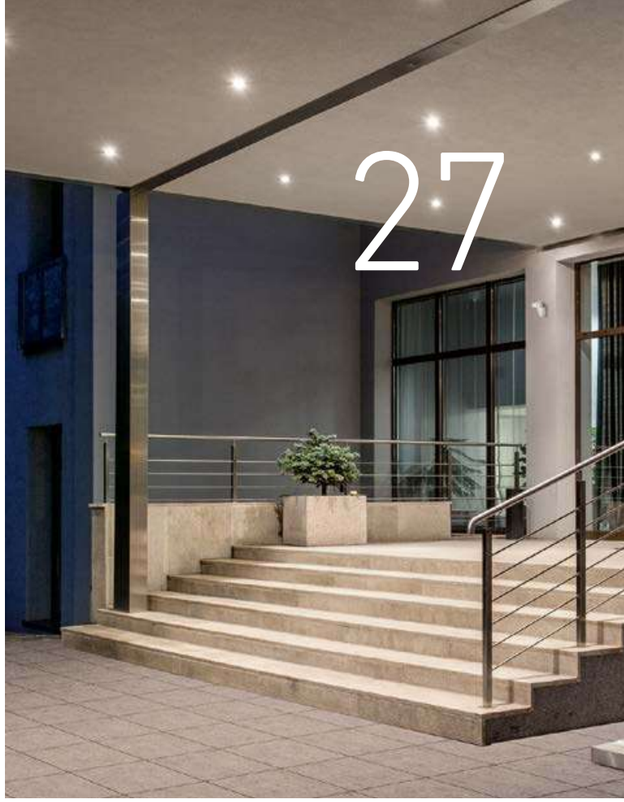
For EANs, see page 51

Outdoors
Sensors

Private residential buildings
In private residential buildings, the main reason for using motion detectors is safety and convenience. Whether on the driveway or at the front door – lighting needs to switch ON reliably when anyone approaches the house.

Benefits from STEINEL
- STEINEL offers sensors with an angle of coverage of up to 300 degrees for mounting on the wall, ceiling or on building corners
- The sensIQ S is divided into three 100-degree zones, with each zone being separately adjustable in reach

Technical advice
The iHF 3D technology suppresses inadvertent triggering by small animals and permits precision electronic adjustment of the detection zone in 3 directions over a maximum reach of 7 m.



Outdoors
Sensors

Commercial buildings
The outdoor areas around commercial buildings are among the fields in which sensors are most frequently used. This is where the main focus is on security and efficiency in illuminating large areas.

Benefits from STEINEL
- The sensIQ can be installed at a height of up to 5 m, either on the wall, on the ceiling or on corners
- The IS 3180 can watch over outdoor areas of up to 628 sq.m.
- Besides high-resolution infrared detectors, STEINEL is the only manufacturer to offer iHF technology that opens up completely new options in detecting movement outdoors

Technical advice
Wherever possible, install infrared sensors so they are aimed across the direction walking in order to obtain optimum detection results.

Motion detector iHF 3D

- 160° high-frequency sensor for outdoors
- Max. reach 1 – 7 m, precision-adjustable in 3 directions
- Detects movement equally well, from whichever direction
- No inadvertent triggering by small animals
- Wireless interconnection via Bluetooth
- Also available as a KNX version

For EANs, see page 48

Motion detector IS 2180-2

- 180° infrared motion detector for outdoors
- Watches over up to 200 sq.m., 12 m reach radius
- 2 pyro sensors corner wall bracket included
- Compact design fits close to the wall

For EANs, see page 47

Motion detector IS 3180

- 180° infrared motion detector
- Wall or corner mounting
- Watches over up to 628 m^2, 20 m reach radius
- 2 pyro-sensors, surface-mounted installation: IP54, concealed installation: IP20
- Surface-mounted and concealed versions
- COM1, PF, DALI-2 APC, DALI-2 IPD, KNX V3.1

For EANs, see page 46

Motion detector sensIQ

- 300° motion detector for outdoors
- Wall, corner or ceiling mounting
- Three 100° zones and sneak-by guard
- Each zone can be mechanically adjusted from 2 – 20 m
- Installation at a height of up to 5 m, IP54
- Including corner wall mount and remote control
- Also available as a KNX version
- 1360 switching zones

For EANs, see page 48

Motion detector sensIQ S

- 300° motion detector for outdoors
- Wall or corner mounting
- Three 100° zones and sneak-by guard
- Each zone can be mechanically adjusted from 2 – 20 m
- Installation at a height of up to 5 m, IP54
- Including corner wall mount and remote control
- Also available as a KNX version

For EANs, see page 48

Motion detector IS 180 digi HD

- 180° motion detector for outdoors
- Tangential and radial detection almost equally as good
- Wall mounting
- 9 zones can be configured by app
- Installation at a height of 1.8 – 4 m, IP54
- Also available as a KNX version

For EANs, see page 48

Outdoors
Sensor-switched lights

Sensor-switched LED lights for outdoors. Whether for a private home, a residential complex or entrances to commercial properties – these lights fit perfectly into any surrounding.

Benefits from STEINEL
- Sensor-switched lights for outdoors provide convenience, safety and security thanks to innovative infrared sensor technology
- Integrated LED light systems are perfectly geared to the sensors
- Lights with optional basic light level attractively illuminates the house number at night

Technical advice
If required, you can select 4 hours of permanent lighting (manual override) by operating the mains power switch.
Up to 10 lights can also interconnected by cable.

Outdoors
Sensor-switched lights

Sensor-switched LED lights for outdoors. Luminaires can be interconnected quickly and easily by Bluetooth technology and provide a consistent pattern of lighting around the entire property.

Benefits from STEINEL
- The mini-sensor can simply be removed from the light to facilitate configuration
- Thanks to its 4 individually adjustable sensors, the DL Vario Quattro PRO can be matched perfectly to needs, reducing inadvertent triggering
- The intelligent high-frequency technology in the L 825 manages without any visible sensor

Technical advice
The L 825 SC is easily and conveniently set and interconnected via Bluetooth using the STEINEL app.
As a result, parameters are quickly readjusted.

Sensor-switched outdoor light L 690/691 S

- LED sensor-switched outdoor light
- 360° infrared sensor, 7 m reach
- 8.5 W LED light system, 7max. 700 lm, 3000 K
- Optional basic light level 10 %, soft start
- Four intelligent basic light-level programs
- Up to 10 lights can be interconnected by cable
- Front of the light provides the optimum surface for affixing the house numbers supplied with it

For EANs, see page 52

Sensor-switched outdoor light L 666/665 S

- LED sensor-switched outdoor light
- 360° infrared sensor, 7 m reach
- 8.5 W LED light system, 596 lm, 3000 K (L 666 S)
- 10.4 W LED light system, 611 lm, 3000 K (L 665 S)
- Optional basic light level 10 %, soft start
- Four intelligent basic light-level programs
- Front of the light provides the optimum surface for affixing the house numbers supplied with it
- Up to 10 lights can be interconnected by cable

For EANs, see page 52

Sensor-switched outdoor light L 330/331 S

- LED sensor-switched outdoor light
- 360° infrared sensor, 7 m reach
- 8.4 W LED light system, max. 815 lm, 3000 K
- Optional basic light level 10 %, soft start
- Four intelligent basic light-level programs
- Up to 10 lights can be interconnected by cable

For EANs, see page 52

Sensor-switched outdoor light DL Vario Quattro PRO S

World first: the light diffuser with a patented honeycomb structure also acts as the sensor lens.
- LED sensor-switched outdoor light
- 360° infrared sensor, 2 - 8 m reach
- 14 W LED light system, 1430 lm, 3000 K or 4000 K
- Optional basic light level 10 %, soft start
- Up to 10 lights can be interconnected by cable

For EANs, see page 52

Sensor-switched outdoor light L 825 SC

- LED sensor-switched outdoor light
- 160° intelligent high-frequency sensor, 5 m reach
- 7 W LED light system, 707 lm, 3000 K
- Optional basic light level 10 - 50%, soft start
- Interconnection and start-up all very convenient by Bluetooth and STEINEL app

For EANs, see page 52

Sensor-switched outdoor light L 845 SC

- LED sensor-switched outdoor light
- 160° high-frequency sensor, 1 - 5 m reach
- 9,5 W LED light system, max. 719 lm, 3000 K
- Softlight start
- Interconnection and start-up all very convenient by Bluetooth and STEINEL app

For EANs, see page 52

Sensor-switched outdoor light GL 85-900/600 SC

- LED sensor-switched outdoor light
- 160° high-frequency sensor, 1 - 5 m reach
- 9 W LED light system, max. 719 lm, 3000 K
- Softlight start
- Available in 2 heights (900 and 600 mm)
- Interconnection and start-up all very convenient by Bluetooth and STEINEL app

For EANs, see page 52

Outdoors
Sensor-switched floodlights

Without using motion detectors, illuminating large outdoor areas uses a lot of energy. Only by using motion detectors can lighting be controlled intelligently and activated on demand. Particularly on drives and at the back of buildings, sensor-switched floodlights are a popular choice for installing as a security measure.

Benefits from STEINEL
- The XLED floodlights come in various power classes with different lumen packages
- All floodlights can be aimed in any way and feature an active LED cooling system

Technical advice
You can increase the illuminated area by incorporating floodlights without sensors.

Floodlight XLED PRO One S

- High-power sensor-switched LED floodlight
- 240° infrared sensor with 10 m reach
- 18.4 W giving 2236 lumens
- Optional 10% basic light level
- Mounting height up to 6 m
- Interconnectable by cable
- Version available without sensor

For EANs, see page 53

Sensor-switched floodlight XLED PRO One Plus/Max S

- High-power sensor-switched LED floodlight
- 240° infrared sensor with 10 m reach
- 33.8 W giving 4370 lumens (Plus version)
- 49.7 W giving 6116 lumens (Max version)
- Optional 10% basic light level
- Mounting height up to 6 m
- Interconnectable by cable
- Version available without sensor

For EANs, see page 53

Sensor-switched floodlight XLED PRO 240 S

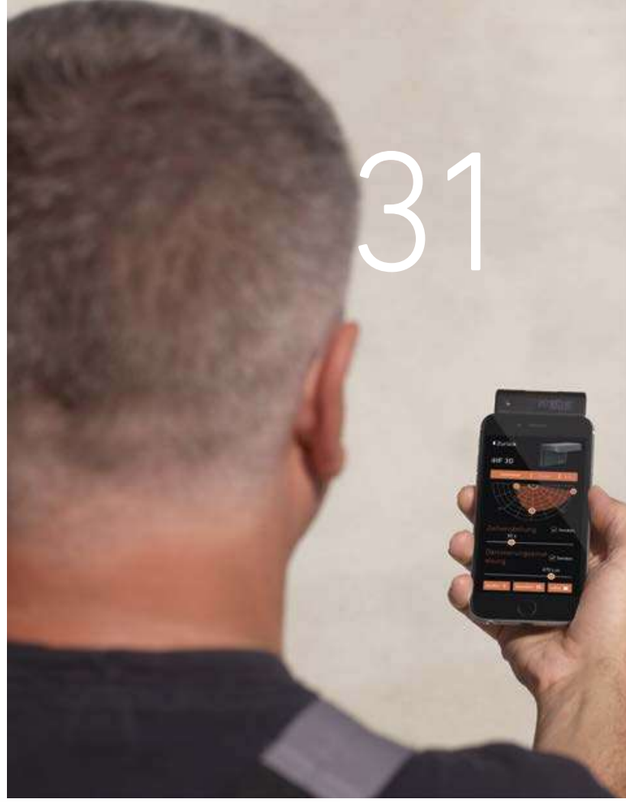
- High-power sensor-switched LED floodlight
- 240° infrared sensor with 12 m reach
- 19,3 W giving 2124 lumens, 3000 K or 4000 K
- Mounting height up to 6 m
- Fully swivelling LED panel
- Including corner wall mount
- Version available without sensor

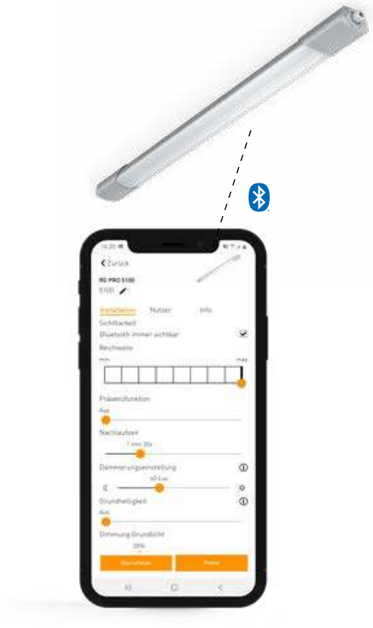
For EANs, see page 53

Smart Remote
One for all.

STEINEL sensors and sensor-switched lights are very easy to control via remote control and the associated app. For this, a smartphone or tablet is placed on the Smart Remote and connected via Bluetooth. An infrared interface permits communication with the sensors and lights.
It doesn't get any smarter than that!

Benefits from STEINEL
- The Smart Remote and associated app always give you the right remote control
- Replaces remote controls RC1-RC12





Remote control

Smart Remote

Settings are made conveniently via a smartphone or tablet.
A universal remote control that replaces the RC1 – RC12.
EAN 4007841 009151

The STEINEL App.

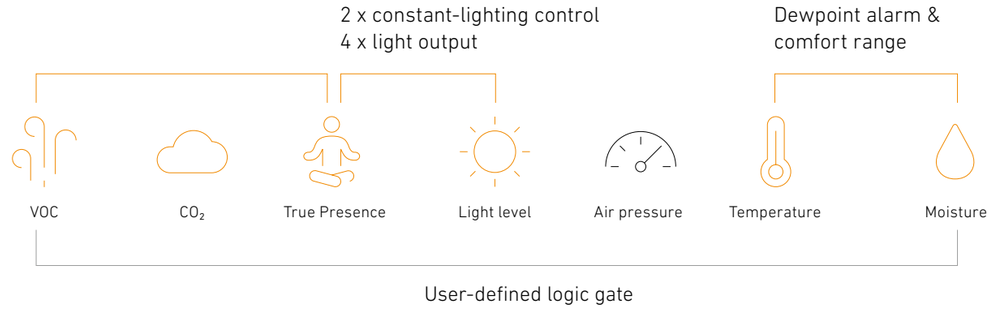
Control by Bluetooth.

The STEINEL app can also be used without Smart Remote for controlling Bluetooth-capable products. This makes it easy and convenient to make all sensor and lighting settings. We are constantly expanding our range of Bluetooth-capable products.

KNX V3.1. Extended KNX application.

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

True Presence®
multisensor



26	0 | 1	Teach
KNX presence and motion detector	Logic gate for intelligent building automation	Constant light programming

DALI-2 - the new benchmark

Application controller (APC)

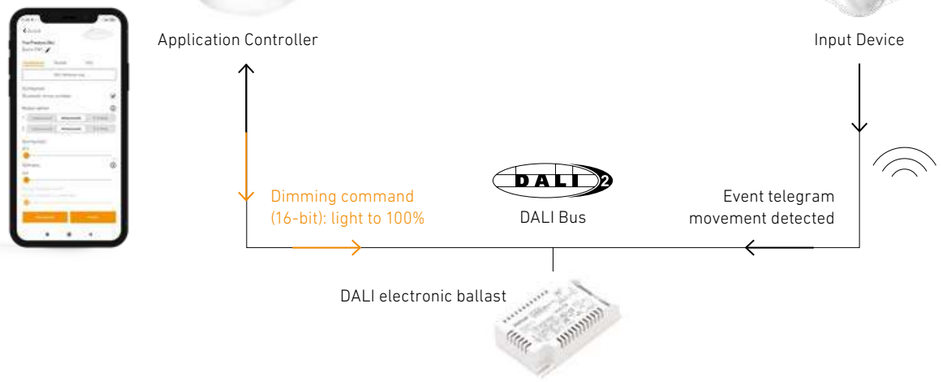
- System's decision-maker
- Commissions and configures the system
- Controls light by direct commands to control gear

Input device (IPD)

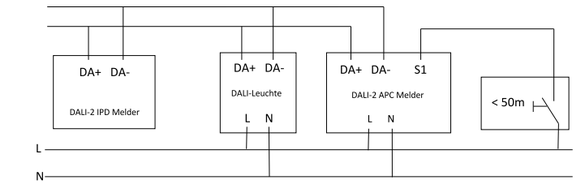
works with LiveLink

- Purely an input device (supplier of data)
- Informs the system about changes in surrounding environment or user inputs
- Compatible with automation interfaces
- Only sends non-solicited event messages

Communication between APC & IPD



DALI-2 APC connection



LiveLink - simple, versatile, reliable.

Optimum control for DALI luminaires. Using the LiveLink lighting management system, DALI-based sensors and luminaires can be quickly and easily integrated into a sensor-controlled lighting concept. This also takes account of incident daylight. Depending on intensity, the light is dimmed or switched off completely.

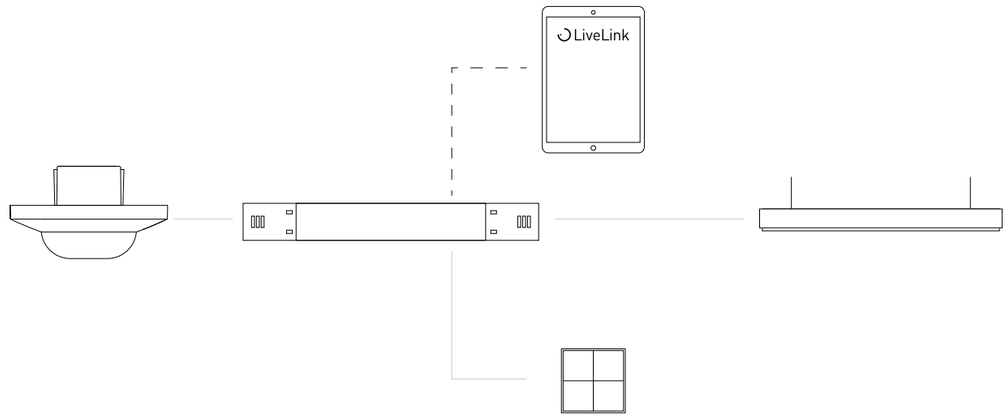
LiveLink

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

The benefits to you:

- Straightforward and versatile control of all DALI lights
- Intuitive app
- Comprehensive range of sensors and accessories
- Future-proof through IoT/cloud connection

LiveLink installation



DALI plus – the gateway to intelligent lighting control.

Integrating a complete control unit into the load section of a sensor has enabled us to combine the key functions for DALI-based lighting control for straightforward installation and use. This provides an easy, fast and cost-effective way of providing solutions for many different applications. DALI plus – developed for everyone wanting to create and quickly implement innovative lighting management.

For classrooms, cubicle areas or single offices: Our DALI plus solution is both easy to use and effective. With intelligent sensors that come with a complete lighting control module. The control unit fitted in the load section makes installation both fast and easy. Using the Smart Remote, you can control up to 64 luminaires via 3 lighting channels by app. DALI plus is the ideal solution for anyone wishing to plan and install intelligent lighting with just a few components.

Benefits from STEINEL

- Perfect IR Quattro HD detection
- 64 DALI electronic ballasts in 3 groups
- Surface-mounted and in-ceiling version

Technical advice

In classrooms or offices, large windows produce different light levels in the room. The sensor automatically dims lighting as the daylight component increases.

Spot on rather than a rough estimate.
STEINEL planning tools.

PROLog TÜV NORD

The PROLog planning tool answers the question: how much energy can intelligent sensor technology save in our particular project?

Easy to use, the PROLog planning tool tells you precisely the amount of energy you can save in a building. For you this means: spot on rather than a rough estimate. Overwhelming example calculations and generalisations are often far off the mark, leaving you to think you can save far more than is actually possible. PROLog from STEINEL puts an end to guesswork and calculates exactly how much energy intelligent sensor technology can save for a particular building.

PROLog records user behaviour as well as the level of light in a room and takes this as the basis for calculating the energy / lighting that is being wasted. This way, user behaviour determines the potential saving. Our PROLog, together with the PROLog software, gives you a comprehensive instrument to plan your lighting needs: it measures the exact amount of energy being wasted and calculates actual savings for a specific situation.

And the result? An objective basis that perfectly controls the lighting a building actually needs.

Simply intelligent.

RELUX®

Do you want direct access to our comprehensive collection of lighting and sensor data for planning the perfect solution? This software not only provides you with all the data for planning lighting and lights from STEINEL, but also for accurately configuring the detection zone of our sensors - including visual displays.

Available for download at www.relux.ch

DIALux

With our vast experience in planning lighting, you can be sure of getting professional results every time. Our expertise combined with free, all-inclusive software gives you a level of efficiency that delivers results you can be proud of. DIALux constantly offers you support with all lighting data and in meeting national and international guidelines, calculates your particular energy requirement and displays your planning results in photo-realistic quality. Having been geared specifically to practical needs, this software has been used by hundreds of thousands of lighting planners across the world.

The light planning and visualisation data is exclusively available to STEINEL Professional clients for online-plugin use in DIALux. Light distribution curves, technical specifications and 3D volumetric data are available for downloading from **www.dial.de.**

Free planning service
- PROLog / DIALux / Relux
- Phone: +49 (0) 52 45 / 448 307
- Fax: +49 (0) 52 45 / 448 308
- E-mail: objekte@steinel.de

Summary of sensors

Control PRO II

Product	Installation	Interface	Colour	EAN	Page
True Presence®	Concealed installation	**COM1**	White	**4007841 057923**	10, 13, 15, 22, 24
	Concealed installation	**COM1**	Black	**4007841 068509**	10, 13, 15, 22, 24
	Concealed installation	**COM2**	White	**4007841 057947**	10, 13, 15, 22, 24
	Concealed installation	**DALI-2 APC**	White	**4007841 057961**	10, 13, 15, 22, 24
	Concealed installation	**KNX V3.1**	White	**4007841 056339**	10, 13, 15, 22, 24
	Concealed installation	**KNX V3.1**	Black	**4007841 068516**	10, 13, 15, 22, 24
	Concealed installation	**IP**	White	**4007841 066031**	10, 13, 15, 22, 24
	Concealed installation	**BT IPD (slave)**	White	**4007841 064518**	10, 13, 15, 22, 24
	Surface-mounted installation	**COM1**	White	**4007841 057916**	10, 13, 15, 22, 24
	Surface-mounted installation	**COM1**	Black	**4007841 068493**	10, 13, 15, 22, 24
	Surface-mounted installation	**COM2**	White	**4007841 057930**	10, 13, 15, 22, 24
	Surface-mounted installation	**DALI-2 APC**	White	**4007841 057954**	10, 13, 15, 22, 24
	Surface-mounted installation	**IP**	White	**4007841 066024**	10, 13, 15, 22, 24
	Surface-mounted installation	**BT IPD (slave)**	White	**4007841 064525**	10, 13, 15, 22, 24
	Multisensor KNX, conc. installation	**KNX V3.1**	White	**4007841 056353**	10, 13, 15, 22, 24
	Multisensor Aerosol KNX, conc. inst.	**KNX V3.0**	White	**4007841 079208**	10, 13, 15, 22, 24
Multisensor	Air KNX, concealed installation	**KNX V3.1**	White	**4007841 056346**	11, 13, 15
	Aerosol KNX	**KNX V3.0**	White	**4007841 079192**	11, 13, 15

Product	Installation	Interface	Colour	EAN	Page
Hallway	Concealed installation	**COM1**	White	**4007841 057985**	7, 13
	Concealed installation	**COM2**	White	**4007841 058005**	7, 13
	Concealed installation	**DALI-2 APC**	White	**4007841 058029**	7, 13
	Concealed installation	**DALI-2 IPD**	White	**4007841 064532**	7, 13
	Concealed installation	**KNX V3.1**	White	**4007841 058036**	7, 13
	Concealed installation	**IP**	White	**4007841 066161**	7, 13
	Concealed installation	**BT IPD (slave)**	White	**4007841 064556**	7, 13
	Surface-mounted installation	**COM1**	White	**4007841 057978**	7, 13
	Surface-mounted installation	**COM2**	White	**4007841 057992**	7, 13
	Surface-mounted installation	**DALI-2 APC**	White	**4007841 058012**	7, 13
	Surface-mounted installation	**DALI-2 IPD**	White	**4007841 064549**	7, 13
	Surface-mounted installation	**KNX V3.1**	White	**4007841 064488**	7, 13
	Surface-mounted installation	**IP**	White	**4007841 066154**	7, 13
	Surface-mounted installation	**BT IPD (slave)**	White	**4007841 064563**	7, 13
HF 360-2	Concealed installation	**COM1**	White	**4007841 064433**	8, 16
	Concealed installation	**COM2**	White	**4007841 064242**	8, 16
	Concealed installation	**DALI-2 APC**	White	**4007841 064266**	8, 16
	Concealed installation	**DALI-2 IPD**	White	**4007841 064280**	8, 16
	Concealed installation	**KNX V3.2**	White	**4007841 064303**	8, 16
	Concealed installation	**IP**	White	**4007841 065973**	8, 16
	Concealed installation	**BT IPD (slave)**	White	**4007841 064419**	8, 16
	Surface-mounted installation	**COM1**	White	**4007841 064440**	8, 16
	Surface-mounted installation	**COM2**	White	**4007841 064259**	8, 16
	Surface-mounted installation	**DALI-2 APC**	White	**4007841 064273**	8, 16
	Surface-mounted installation	**DALI-2 IPD**	White	**4007841 064297**	8, 16
	Surface-mounted installation	**KNX V3.2**	White	**4007841 064860**	8, 16
	Surface-mounted installation	**IP**	White	**4007841 065966**	8, 16
	Surface-mounted installation	**BT IPD (slave)**	White	**4007841 064426**	8, 16
IR Quattro HD-2	Concealed installation	**COM1**	White	**4007841 064310**	11, 14, 15
	Concealed installation	**COM2**	White	**4007841 064334**	11, 14, 15
	Concealed installation	**DALI-2 APC**	White	**4007841 064358**	11, 14, 15
	Concealed installation	**DALI-2 IPD**	White	**4007841 064372**	11, 14, 15
	Concealed installation	**IP**	White	**4007841 065959**	11, 14, 15
	Concealed installation	**BT IPD (slave)**	White	**4007841 064396**	11, 14, 15
	Surface-mounted installation	**COM1**	White	**4007841 064327**	11, 14, 15
	Surface-mounted installation	**COM2**	White	**4007841 064341**	11, 14, 15
	Surface-mounted installation	**DALI-2 APC**	White	**4007841 064365**	11, 14, 15
	Surface-mounted installation	**DALI-2 IPD**	White	**4007841 064389**	11, 14, 15
	Surface-mounted installation	**KNX V3.1**	White	**4007841 064853**	11, 14, 15
	Surface-mounted installation	**IP**	White	**4007841 065942**	11, 14, 15
	Surface-mounted installation	**BT IPD (slave)**	White	**4007841 064402**	11, 14, 15
	Installation	**COM1**	White	**4007841 079406**	11, 14, 15
	Installation	**KNX V3.1**	White	**4007841 079413**	11, 14, 15

Control Pro

Product	Installation	Interface	Colour	EAN	Page
IR Quattro	Concealed installation	**COM1**	White	**4007841 000349**	18, 22
	Concealed installation	**COM2**	White	**4007841 000356**	18, 22
	Concealed installation	**DALI-2 APC**	White	**4007841 002749**	18, 22
	Concealed installation	**KNX V3.1**	White	**4007841 058487**	18, 22
	Surface-mounted installation	**COM1**	White	**4007841 592301**	18, 22
IR Quattro HD	Concealed installation	**COM1**	White	**4007841 002794**	22, 24
	Concealed installation	**COM1**	Black	**4007841 068608**	22, 24
	Concealed installation	**COM2**	White	**4007841 002770**	22, 24
	Concealed installation	**DALI-2 APC**	White	**4007841 002756**	22, 24
	Concealed installation	**DALI-2 IPD**	White	**4007841 057497**	22, 24
	Concealed installation	**KNX V3.1**	White	**4007841 058470**	22, 24
	Concealed installation	**KNX V3.1**	Black	**4007841 068622**	22, 24
	Surface-mounted installation	**COM1**	White	**4007841 592400**	22, 24
	Surface-mounted installation	**COM1**	Black	**4007841 068615**	22, 24
	Surface-mounted installation	**DALI plus**	White	**4007841 035273**	15
	Installation	**DALI plus**	White	**4007841 035204**	15
IR Quattro MICRO	Installation	**COM1**	White	**4007841 053789**	10, 16
	Installation	**COM1**	Black	**4007841 068639**	10, 16
	Installation	**DALI-2 IPD**	White	**4007841 053871**	10, 16
	Installation	**KNX V3.1**	White	**4007841 064129**	10, 16
	Installation	**KNX V3.1**	Black	**4007841 068646**	10, 16
IR Quattro SLIM	Installation	**KNX V3.1**	White	**4007841 058494**	11
IR Quattro SLIM XS	Concealed installation	**COM1**	White	**4007841 032951**	10
	Concealed installation	**DALI-2 IPD**	White	**4007841 057510**	10
	Concealed installation	**KNX V3.1**	White	**4007841 058500**	10
HF 360	Concealed installation	**COM1**	White	**4007841 002800**	18
	Concealed installation	**COM2**	White	**4007841 002848**	18
	Concealed installation	**DALI-2 APC**	White	**4007841 002817**	18
	Concealed installation	**DALI-2 IPD**	White	**4007841 057480**	18
	Concealed installation	**KNX V3.1**	White	**4007841 059484**	18
	Surface-mounted installation	**COM1**	White	**4007841 751302**	18
US 360	Concealed installation	**COM1**	White	**4007841 007935**	8, 10, 14, 16, 23
	Concealed installation	**COM2**	White	**4007841 007942**	8, 10, 14, 16, 23
	Concealed installation	**DALI-2 IPD**	White	**4007841 057534**	8, 10, 14, 16, 23
	Concealed installation	**KNX V3.1**	White	**4007841 059514**	8, 10, 14, 16, 23

Product	Installation	Interface	Colour	EAN	Page
Dual US	Concealed installation	**COM1**	White	**4007841 007843**	6
	Concealed installation	**COM2**	White	**4007841 007850**	6
	Concealed installation	**DALI-2 IPD**	White	**4007841 057466**	6
	Concealed installation	**KNX V3.1**	White	**4007841 059491**	6
	Installation	**COM1**	White	**4007841 079598**	6
	Installation	**KNX V3.1**	White	**4007841 079604**	6
HF 180	Wall switches	**COM1**	White	**4007841 032883**	8, 16
	Wall switches	**KNX V3.1**	White	**4007841 059460**	8, 16
IR 180	Wall switches	**COM1**	White	**4007841 029944**	6, 13, 18
	Wall switches	**KNX V3.1**	White	**4007841 058463**	6, 13, 18
	Wall switches (Universal)	**COM1**	weiß	**4007841 033149**	6, 13, 18
HPD					
HPD2	Surface-mounted installation	**IP**	White	**4007841 033965**	11, 12, 14
	Surface-mounted installation	**KNX**	White	**4007841 033200**	11, 12, 14
HPD3	Surface-mounted installation	**IP**	White	**4007841**	12
	Surface-mounted installation	**KNX**	White	**4007841**	12
3000 Series					
HF 3360	Surface-mounted, square	**COM1**	White	**4007841 011734**	8, 20
	Surface-mounted, square	**PF**	White	**4007841 010546**	8, 20
	Surface-mounted, square	**DALI-2 APC**	White	**4007841 011604**	8, 20
	Surface-mounted, square	**DALI-2 IPD**	White	**4007841 057312**	8, 20
	Surface-mounted, square	**KNX V3.1**	White	**4007841 058210**	8, 20
	Surface-mounted, round	**COM1**	White	**4007841 033668**	8, 20
	Surface-mounted, round	**PF**	White	**4007841 033699**	8, 20
	Surface-mounted, round	**DALI-2 APC**	White	**4007841 033736**	8, 20
	Surface-mounted, round	**DALI-2 IPD**	White	**4007841 057329**	8, 20
	Surface-mounted, round	**KNX V3.1**	White	**4007841 058234**	8, 20
	Concealed, square	**COM1**	White	**4007841 033675**	8, 20
	Concealed, square	**PF**	White	**4007841 033705**	8, 20
	Concealed, square	**DALI-2 APC**	White	**4007841 033743**	8, 20
	Concealed, square	**DALI-2 IPD**	White	**4007841 057336**	8, 20
	Concealed, square	**KNX V3.1**	White	**4007841 058227**	8, 20
	Concealed, round	**COM1**	White	**4007841 033682**	8, 20
	Concealed, round	**PF**	White	**4007841 033712**	8, 20
	Concealed, round	**DALI-2 APC**	White	**4007841 033750**	8, 20
	Concealed, round	**DALI-2 IPD**	White	**4007841 057343**	8, 20
	Concealed, round	**KNX V3.1**	White	**4007841 058241**	8, 20

3000 Series

Product	Installation	Interface	Colour	EAN	Page
IS 3180	Surface-mounted, square	**COM1**	White	**4007841 009113**	20, 27
	Surface-mounted, square	**PF**	White	**4007841 010508**	20, 27
	Surface-mounted, square	**DALI-2 APC**	White	**4007841 010553**	20, 27
	Surface-mounted, square	**DALI-2 IPD**	White	**4007841 057350**	20, 27
	Surface-mounted, square	**KNX V3.1**	White	**4007841 058135**	20, 27
	Concealed, square	**COM1**	White	**4007841 055721**	20, 27
	Concealed, square	**PF**	White	**4007841 055769**	20, 27
	Concealed, square	**DALI-2 APC**	White	**4007841 055738**	20, 27
	Concealed, square	**DALI-2 IPD**	White	**4007841 057367**	20, 27
	Concealed, square	**KNX V3.1**	White	**4007841 058142**	20, 27
IS 3360	Surface-mounted, square	**COM1**	White	**4007841 010478**	20, 23
	Surface-mounted, square	**COM1**	Black	**4007841 068523**	20, 23
	Surface-mounted, square	**PF**	White	**4007841 010515**	20, 23
	Surface-mounted, square	**DALI-2 APC**	White	**4007841 010560**	20, 23
	Surface-mounted, square	**DALI-2 IPD**	White	**4007841 057237**	20, 23
	Surface-mounted, square	**KNX V3.1**	White	**4007841 058166**	20, 23
	Surface-mounted, square	**KNX V3.1**	Black	**4007841 068561**	20, 23
	Surface-mounted, round	**COM1**	White	**4007841 033446**	20, 23
	Surface-mounted, round	**COM1**	Black	**4007841 068547**	20, 23
	Surface-mounted, round	**PF**	White	**4007841 033477**	20, 23
	Surface-mounted, round	**DALI-2 APC**	White	**4007841 033507**	20, 23
	Surface-mounted, round	**DALI-2 IPD**	White	**4007841 057251**	20, 23
	Surface-mounted, round	**KNX V3.1**	White	**4007841 058180**	20, 23
	Surface-mounted, round	**KNX V3.1**	Black	**4007841 068585**	20, 23
	Concealed, square	**COM1**	White	**4007841 033460**	20, 23
	Concealed, square	**COM1**	Black	**4007841 068530**	20, 23
	Concealed, square	**PF**	White	**4007841 033491**	20, 23
	Concealed, square	**DALI-2 APC**	White	**4007841 033514**	20, 23
	Concealed, square	**DALI-2 IPD**	White	**4007841 057244**	20, 23
	Concealed, square	**KNX V3.1**	White	**4007841 058173**	20, 23
	Concealed, square	**KNX V3.1**	Black	**4007841 068578**	20, 23
	Concealed, round	**COM1**	White	**4007841 033453**	20, 23
	Concealed, round	**COM1**	Black	**4007841 068554**	20, 23
	Concealed, round	**PF**	White	**4007841 033484**	20, 23
	Concealed, round	**DALI-2 APC**	White	**4007841 033521**	20, 23
	Concealed, round	**DALI-2 IPD**	White	**4007841 057268**	20, 23
	Concealed, round	**KNX V3.1**	White	**4007841 058197**	20, 23
	Concealed, round	**KNX V3.1**	Black	**4007841 068592**	20, 23

Product	Installation	Interface	Colour	EAN	Page
IS 345	Surface-mounted, square	**COM1**	White	**4007841 010485**	7
	Surface-mounted, square	**PF**	White	**4007841 010539**	7
	Surface-mounted, square	**DALI-2 APC**	White	**4007841 010584**	7
	Surface-mounted, square	**DALI-2 IPD**	White	**4007841 057275**	7
	Surface-mounted, square	**KNX V3.1**	White	**4007841 058258**	7
	Surface-mounted, round	**COM1**	White	**4007841 033798**	7
	Surface-mounted, round	**PF**	White	**4007841 033828**	7
	Surface-mounted, round	**DALI-2 APC**	White	**4007841 033859**	7
	Surface-mounted, round	**DALI-2 IPD**	White	**4007841 057299**	7
	Surface-mounted, round	**KNX V3.1**	White	**4007841 058272**	7
	Concealed, square	**COM1**	White	**4007841 033804**	7
	Concealed, square	**PF**	White	**4007841 033835**	7
	Concealed, square	**DALI-2 APC**	White	**4007841 033866**	7
	Concealed, square	**DALI-2 IPD**	White	**4007841 057282**	7
	Concealed, square	**KNX V3.1**	White	**4007841 058265**	7
	Concealed, round	**COM1**	White	**4007841 033811**	7
	Concealed, round	**PF**	White	**4007841 033842**	7
	Concealed, round	**DALI-2 APC**	White	**4007841 033873**	7
	Concealed, round	**DALI-2 IPD**	White	**4007841 057305**	7
	Concealed, round	**KNX V3.1**	White	**4007841 058289**	7
IS 3360 MX Highbay	Surface-mounted, square	**COM1**	White	**4007841 033569**	22, 24
	Surface-mounted, square	**PF**	White	**4007841 033583**	22, 24
	Surface-mounted, square	**DALI-2 APC**	White	**4007841 010577**	22, 24
	Surface-mounted, square	**DALI-2 IPD**	White	**4007841 057374**	22, 24
	Surface-mounted, square	**KNX V3.1**	White	**4007841 058364**	22, 24
IS 345 MX Highbay	Surface-mounted, square	**COM1**	White	**4007841 010492**	24
	Surface-mounted, square	**PF**	White	**4007841 010522**	24
	Surface-mounted, square	**DALI-2 APC**	White	**4007841 010591**	24
	Surface-mounted, square	**DALI-2 IPD**	White	**4007841 057398**	24
	Surface-mounted, square	**KNX V3.1**	White	**4007841 058296**	24

2000 Series

IS 2180-2	Wall and corner mounting	**COM1**	Black	**4007841 603717**	26
	Wall and corner mounting	**COM1**	White	**4007841 603816**	26
	Wall and corner mounting	**COM1**	Stainless steel look	**4007841 603915**	26
	Wall and corner mounting	**COM1**	Anthracite	**4007841 057664**	26
IS 2360-3 ECO	Ceiling mounting	**COM1**	White	**4007841 057770**	18
	Ceiling mounting	**COM1**	Black	**4007841 081706**	18

Outdoor motion detectors

Product	Installation	Interface	Colour	EAN	Page
iHF 3D	Wall mounting	**COM1**	Black	**4007841 066215**	26
	Wall mounting	**COM1**	White	**4007841 066222**	26
	Wall mounting	**COM1**	Anthracite	**4007841 066178**	26
	Wall mounting	**KNX V3.5**	Black	**4007841 059637**	26
	Wall mounting	**KNX V3.5**	White	**4007841 059644**	26
	Wall mounting	**KNX V3.5**	Anthracite	**4007841 059620**	26
sensIQ	Wall, ceiling and corner mounting	**COM1**	Black	**4007841 029579**	27
	Wall, ceiling and corner mounting	**COM1**	White	**4007841 029562**	27
	Wall, ceiling and corner mounting	**COM1**	Anthracite	**4007841 056636**	27
	Wall, ceiling and corner mounting	**KNX V3.1**	Black	**4007841 059552**	27
	Wall, ceiling and corner mounting	**KNX V3.1**	White	**4007841 059576**	27
	Wall, ceiling and corner mounting	**KNX V3.1**	Anthracite	**4007841 059538**	27
	Wall, ceiling and corner mounting	**eNet**	Black	**4007841 020422**	27
	Wall, ceiling and corner mounting	**eNet**	White	**4007841 020439**	27
	Wall, ceiling and corner mounting	**eNet**	Stainless steel look	**4007841 020415**	27
sensIQ S	Wall and corner mounting	**COM1**	Black	**4007841 034979**	26
	Wall and corner mounting	**COM1**	White	**4007841 034955**	26
	Wall and corner mounting	**COM1**	Stainless steel look	**4007841 034962**	26
	Wall and corner mounting	**COM1**	Anthracite	**4007841 056650**	26
	Wall and corner mounting	**KNX V3.1**	Black	**4007841 059606**	26
	Wall and corner mounting	**KNX V3.1**	White	**4007841 059613**	26
	Wall and corner mounting	**KNX V3.1**	Anthracite	**4007841 059583**	26
IS 180 digi HD			White		26
			Anthracite		26

Overview of sensor accessories

RC5	Remote control	**–**	Black	**4007841 592806**
RC6 KNX	Remote control	**KNX**	Black	**4007841 593018**
RC7 KNX	Remote control	**KNX**	Black	**4007841 592912**
RC8	Remote control	**–**	Black	**4007841 559410**
Smart Remote	Remote control (2x AAA batteries)	–	Black	**4007841 009151**
Black surrounds (Serie 3000)	Surface-mounted installation, square (IR)	–	Black	**4007841 056711**
	Surface-mounted installation, round (IR)	–	Black	**4007841 056735**
	Concealed installation, square (IR)	–	Black	**4007841 056728**
	Concealed, round (IR)	–	Black	**4007841 056742**
	Surface-mounted inst., square (HF 3360)	–	Black	**4007841 056674**
	Surface-mounted inst., round (HF 3360)	–	Black	**4007841 056698**
	Concealed installation, square (HF 3360)	–	Black	**4007841 056681**
	Concealed installation, round (HF 3360)	–	Black	**4007841 056704**

LiveLink

Control device		LiveLink		**4007841 013653**
	WiFi Connect	LiveLink		**4007841 035129**
Switch coupler	DALI 4x	LiveLink		**4007841 013660**

Summary of luminaires & floodlights

P-series

Product	Version	Colour temperature	Lumens	Energy efficiency*	EAN	Page
RS PRO P1	RS PRO LED P1 S NW	**4000 K**	1010 lm	E	**4007841 056032**	17, 19, 21
	RS PRO LED P1 S WW	**3000 K**	960 lm	D	**4007841 056063**	17, 19, 21
	RS PRO LED P1 NW	**4000 K**	1010 lm	D	**4007841 056049**	17, 19, 21
	RS PRO LED P1 WW	**3000 K**	960 lm	D	**4007841 056056**	17, 19, 21
RS PRO P2	RS PRO LED P2 S NW	**4000 K**	1810 lm	D	**4007841 056070**	17, 19, 21
	RS PRO LED P2 S WW	**3000 K**	1730 lm	D	**4007841 056100**	17, 19, 21
	RS PRO LED P2 NW	**4000 K**	1810 lm	D	**4007841 056087**	17, 19, 21
	RS PRO LED P2 WW	**3000 K**	1730 lm	D	**4007841 056094**	17, 19, 21
	RS PRO LED P2 S NW EM	**4000 K**	1810 lm	D	**4007841 058579**	17, 19, 21
	RS PRO LED P2 S WW EM	**3000 K**	1730 lm	D	**4007841 058586**	17, 19, 21
RS PRO P3	RS PRO LED P3 S NW	**4000 K**	2310 lm	D	**4007841 056117**	17, 19, 21
	RS PRO LED P3 S WW	**3000 K**	2210 lm	D	**4007841 056148**	17, 19, 21
	RS PRO LED P3 NW	**4000 K**	2310 lm	D	**4007841 056124**	17, 19, 21
	RS PRO LED P3 WW	**3000 K**	2210 lm	D	**4007841 056131**	17, 19, 21
	RS PRO LED P3 S NW EM	**4000 K**	2310 lm	D	**4007841 058593**	17, 19, 21
	RS PRO LED P3 S WW EM	**3000 K**	2210 lm	D	**4007841 058609**	17, 19, 21

R series

RS PRO R10	RS PRO R10 PLUS SC NW	**4000 K**	1130 lm	D	**4007841 067700**	17, 19
	RS PRO R10 PLUS SC WW	**3000 K**	1100 lm	D	**4007841 067717**	17, 19
	RS PRO R10 BASIC SC NW	**4000 K**	1130 lm	D	**4007841 067809**	17, 19
	RS PRO R10 BASIC SC WW	**3000 K**	1100 lm	D	**4007841 067816**	17, 19
RS PRO R20	RS PRO R20 PLUS SC NW	**4000 K**	2000 lm	D	**4007841 067724**	23
	RS PRO R20 PLUS SC WW	**3000 K**	1950 lm	D	**4007841 067755**	23
	RS PRO R20 BASIC SC NW	**4000 K**	2000 lm	D	**4007841 067823**	23
	RS PRO R20 BASIC SC WW	**3000 K**	1950 lm	D	**4007841 067854**	23
RS PRO R30	RS PRO R30 PLUS SC NW	**4000 K**	3200 lm	D	**4007841 067762**	21
	RS PRO R30 PLUS SC WW	**3000 K**	3120 lm	D	**4007841 067793**	21
	RS PRO R30 BASIC SC NW	**4000 K**	3200 lm	C	**4007841 067861**	21
	RS PRO R30 BASIC SC WW	**3000 K**	3120 lm	D	**4007841 067892**	21

*This product contains an energy efficiency class "D" light source.

R-series (Q)

Product	Version	Colour temperature	Lumens	Energy efficiency*	EAN	Page
RS PRO R20 Q	RS PRO R20 PLUS Q SC NW	**4000 K**	1950 lm	D	**4007841 067731**	23
	RS PRO R20 PLUS Q SC WW	**3000 K**	1900 lm	D	**4007841 067748**	23
	RS PRO R20 BASIC Q SC NW	**4000 K**	1950 lm	D	**4007841 067830**	23
	RS PRO R20 BASIC Q SC WW	**3000 K**	1900 lm	D	**4007841 067847**	23
RS PRO R30 Q	RS PRO R30 PLUS Q SC NW	**4000 K**	3150 lm	D	**4007841 067779**	21
	RS PRO R30 PLUS Q SC WW	**3000 K**	3070 lm	D	**4007841 067786**	21
	RS PRO R30 BASIC Q SC NW	**4000 K**	3150 lm	D	**4007841 067878**	21
	RS PRO R30 BASIC Q SC WW	**3000 K**	3070 lm	D	**4007841 067885**	21

S-series

RS PRO S10	RS PRO S10 SC NW PC	**4000 K**	1250 lm	D	**4007841 081072**	17, 19, 21
	RS PRO S10 SC WW PC	**3000 K**	1200 lm	D	**4007841 081096**	17, 19, 21
RS PRO S20	RS PRO S20 SC NW PC	**4000 K**	1580 lm	D	**4007841 067540**	17, 19, 21
	RS PRO S20 SC WW PC	**3000 K**	1423 lm	D	**4007841 067564**	17, 19, 21
RS PRO S30	RS PRO S30 SC NW PMMA	**4000 K**	2626 lm	D	**4007841 068042**	17, 19, 21
	RS PRO S30 SC WW PMMA	**3000 K**	2496 lm	D	**4007841 068059**	17, 19, 21

5100 Series

RS PRO 5100	RS PRO 5100 SC	**4000 K**	4206 lm	D	**4007841 078881**	19, 21, 23, 25
	RS PRO 5100 C	**4000 K**	4206 lm	D	**4007841 079178**	19, 21, 23, 25
	RS PRO 5100 SC EM	**4000 K**	4206 lm	D	**4007841 079161**	25
	RS PRO 5100 SC 5C	**4000 K**	4206 lm	D	**4007841 079185**	19, 21, 23, 25

*This product contains an energy efficiency class "D" light source.

Sensor-switched outdoor lights

Product	Version	Colour temperature	Lumens	Energy efficiency*	EAN	Page
L 690 S/ L 691 S	L 690 S	**3000 K**	700 lm	D	**4007841 053000**	28
	L 691 S	**3000 K**	576 lm	D	**4007841 053031**	28
L 330 S/ L 331 S	L 330 S	**3000 K**	815 lm	D	**4007841 053079**	28
	L 331 S	**3000 K**	720 lm	D	**4007841 053093**	28
L 666 S/ L 665 S	L 666 S	**3000 K**	596 lm	E	**4007841 053116**	28
	L 665 S	**3000 K**	611 lm	F	**4007841 053949**	28
DL Vario Quattro PRO	DL VARIO QUATTRO PRO S NW	**4000 K**	1430 lm	D	**4007841 068196**	28
	DL VARIO QUATTRO PRO S WW	**3000 K**	1430 lm	D	**4007841 068202**	28
L 825 SC	L 825 SC	**3000 K**	770 lm	E	**4007841 059903**	29
L 845	L 845 SC	**3000 K**	655 lm	F	**4007841 078645**	29
	L 845 C	**3000 K**	719 lm	F	**4007841 078638**	29
GL 85 S	GL 85-900 SC	**3000 K**	655 lm	F	**4007841 078683**	29
	GL 85-900 C	**3000 K**	719 lm	F	**4007841 078676**	29
	GL 85-600 SC	**3000 K**	655 lm	F	**4007841 078669**	29
	GL 85-600 C	**3000 K**	719 lm	F	**4007841 078652**	29

Floodlights

Product	Version	Colour temperature	Lumens	Energy efficiency*	EAN	Page
XLED PRO 240	XLED PRO 240, S, white	**3000 K**	2120 lm	E	**4007841 068073**	30
	XLED PRO 240, S, white	**4000 K**	2407 lm	E	**4007841 068370**	30
	XLED PRO 240 S, black	**3000 K**	2120 lm	E	**4007841 068110**	30
	XLED PRO 240 S, black	**4000 K**	2407 lm	E	**4007841 068363**	30
	XLED PRO 240 S, anthracite	**3000 K**	2120 lm	E	**4007841 068066**	30
	XLED PRO 240, white	**3000 K**	2120 lm	E	**4007841 068103**	30
	XLED PRO 240, black	**3000 K**	2120 lm	E	**4007841 068097**	30
	XLED PRO 240, anthracite	**3000 K**	2120 lm	E	**4007841 068080**	30
XLED PRO One	XLED PRO ONE S	**3000 K**	2200 lm	E	**4007841069568**	30
	XLED PRO ONE PLUS S	**3000 K**	4450 lm	E	**4007841069551**	30
	XLED PRO ONE MAX S	**3000 K**	6350 lm	E	**4007841069537**	30
	XLED PRO ONE	**3000 K**	2200 lm	E	**4007841069513**	30
	XLED PRO ONE PLUS	**3000 K**	4450 lm	E	**4007841069544**	30
	XLED PRO ONE MAX	**3000 K**	6350 lm	E	**4007841069520**	30

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STEINEL Vertrieb GmbH
Dieselstrasse 80-84
33442 Herzebrock - Clarholz
Germany

Phone: 49 (0) 5245 448 0
Fax +49 (0) 5245 448 197
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