



light is nothing without control

New Products for 2016



light is nothing without control

Lighting, air-conditioning, shading etc. - intelligent buildings demand modern control solutions. The basis for this are sensors that intuitively and reliably recognise requirements, significantly increasing convenience and energy efficiency - and the better the sensors work as the "sensory organs" of a building, the more successful lighting and building management will be. As the inventor of sensor-switched lights, we at STEINEL continuously work on making our products even better as an active contribution to shaping the future of building automation with pioneering ideas and innovations. Four sensor technologies, our new LiveLink light management system and our pioneering innovations in sensors, sensor-switched lights and floodlights substantiate this claim impressively.

**STEINEL has been synonymous with uncompromising brand quality since 1959.
We are impressed by our products and want to impress you as well.
Not least with our five-year warranty on all STEINEL PROFESSIONAL products.**

55

Sensor-switched floodlights

from page 8

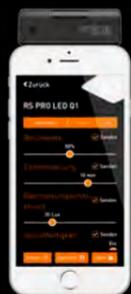
XLED PRO Wide
XLED PRO Wide XL
XLED PRO Square
XLED PRO Square XL



Interconnection systems

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Smart Remote
LiveLink
eNet
KNX



Presence switches
Presence detectors

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IR 180 UNIVERSAL
IR 180
HF 180
IR Quattro SLIM XS



Multi-sensor technology

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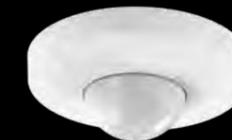
HPD 2



Motion detectors
Light sensors

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3000 series
Light Sensor Dual
NM 5000-3



Sensor-switched lights

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RS PRO LED R1





Precision and imagination are
the key to innovation and quality.



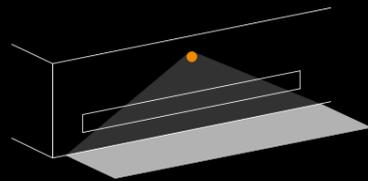
Swivelling through 360°, the LED panel can be adjusted for any chosen lighting situation.

Sensor-switched floodlights as you have never seen them before. XLED PRO Wide and XLED PRO Square

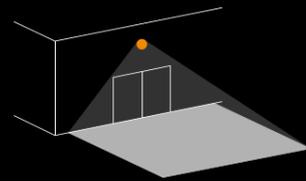
In 2008 we launched the XLED 10 and 25 as the first manufacturer to put a sensor-switched-LED floodlight on the market and set the standard. During the conceptual design phase of the next generation, two aspects were of key importance to us: the full adjustability of the floodlight head and a light pattern aligned to the application. This resulted in the completely new concept of XLED PRO Wide and Square being created: Wide for the illumination of rectangular areas along the side of buildings and Square for the illumination of large areas. We achieve the evenness of light using a precisely calculated LED lens matrix. The sophisticated mechanism permits adjustment in all directions, catering to any specific lighting situation. To top it all, we have optimised the sensor and, by the way, the price as well.

Precisely calculated light system for the homogenous illumination of surfaces.
Rectangular: XLED PRO Wide
Square: XLED PRO Square

Intricately calculated lens optics for maximum light efficiency.



Rectangular illumination: XLED PRO Wide



Square illumination: XLED PRO Square

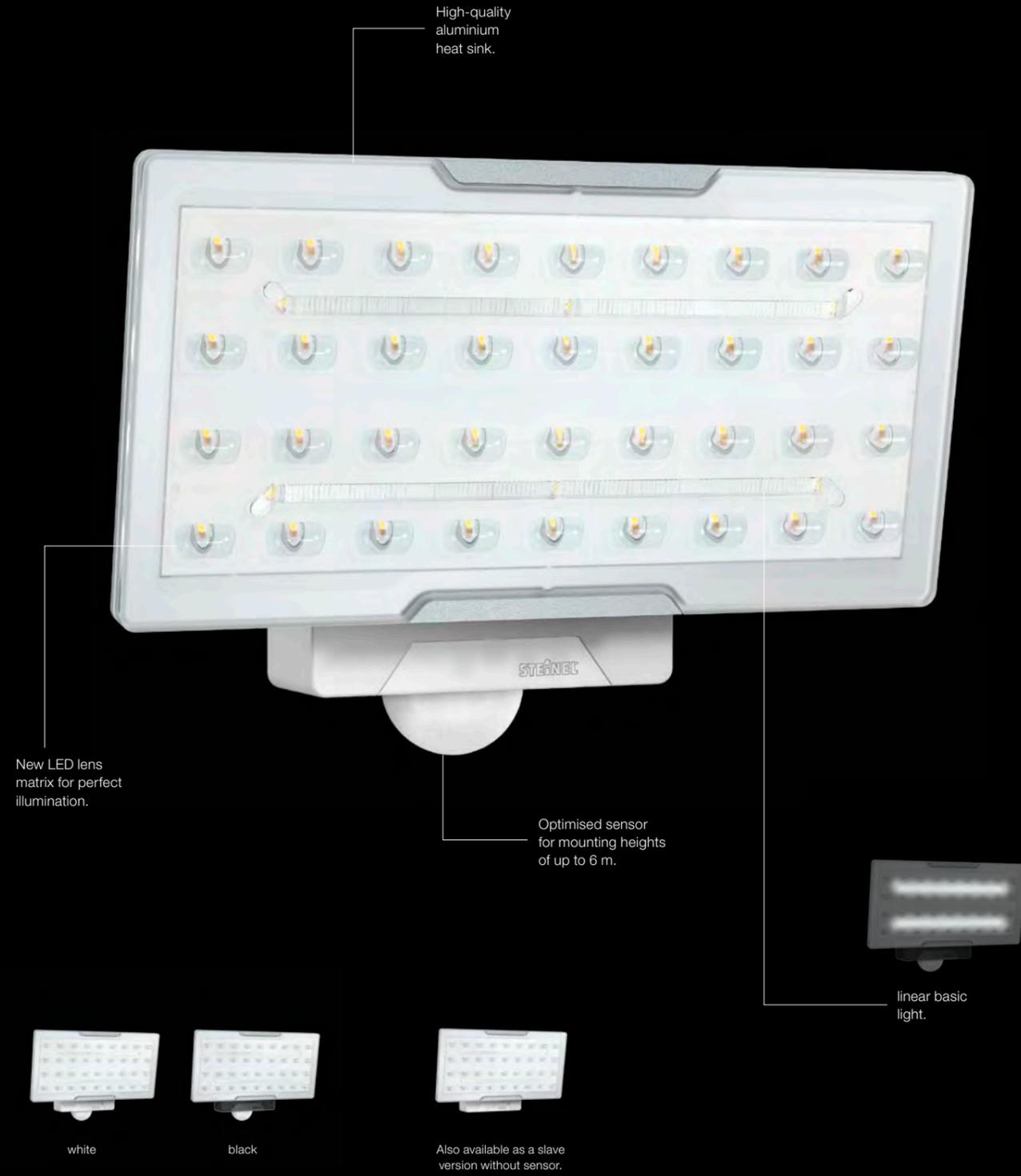
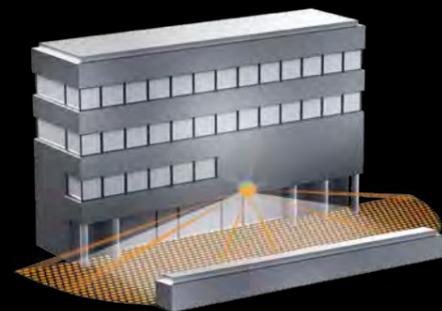


Full light power. Extra wide. XLED PRO Wide

The new XLED PRO Wide floodlight. Lighting precision in wide format. Developed by STEINEL, the lens matrix and the fully swivelling and tilting flat design light head provides perfect illumination over particularly large areas or along buildings. The powerful high-end LEDs create an impressive brightness of 2400 lumens while consuming just 24.8 watts. The integrated basic light LEDs provide orientation and safety with minimal energy consumption. The sensor has an angle of coverage of 240° and a reach of 12 metres. The slave version offered separately can simply be interconnected by cable. The XLED PRO Wide eNet version can also be integrated into the new eNet system by wireless link.

If it has to be even brighter, night can be turned into day with the XLED PRO Wide XL version. Delivering 4400 lumens from just 48 watts, this spot light really ought to be called a floodlight.

| | | | | | | | |
|---------------------------------------|----------------------------------|--------------------------------|------------------------|--|----------|--------------|---------------|
| LED 30 years (Ø4,5h/day) | 24,8w 2400lm 97lm/W | 48w 4400lm 92lm/W | 4000K neutral white | 240° | max. 12m | 2 - 1000 Lux | 5 sec - 15min |
| 360° | soft light start | basic brightness | manual override | 5 JAHRE GARANTIE functional warranty | | | |



Technical specifications

Dimensions: (H x W x D): 188 x 265 x 126 mm*
 Dimensions: (H x W x D): 165 x 265 x 126 mm
 Power supply: 220 - 240 V, 50 / 60 Hz
 Output: 24,8 W / 48 W (XL)
 Brightness: 2400 lumens / 4400 lumens (XL)
 Efficiency: 97 lm/W / 92 lm/W (XL)
 Colour temperature: 4000 K / SDCM 3
 Colour rendering: Ra ≥ 80
 LED life expectancy: 50,000 h (L70B10 to LM80)
 LED cooling system: passive Thermo Control
 Sensor technology: passive infrared*
 Angle of coverage: 240°**
 Reach: max. 12 m*

Twilight setting: 2 - 1000 lux*
 Time setting: 5 sec - 15 min*
 Basic light level: 3%, optionally for 10 min, 30 min or all night long
 Soft light start: Yes
 Manual override: 4 hours, selectable
 Sensor/slave interconnection: max. of 10 floodlights
 IP rating / protection class: IP 54 / I
 Material: UV-resistant plastic (base), aluminium (heat sink)
 Temperature range: -20°C to +40°C
 Accessories: remote control RC9, Smart Remote

*Sensor version

XLED PRO Wide
 EAN white 4007841 010072
 EAN black 4007841 010096
 EAN slave white 4007841 010232
 EAN slave black 4007841 010256

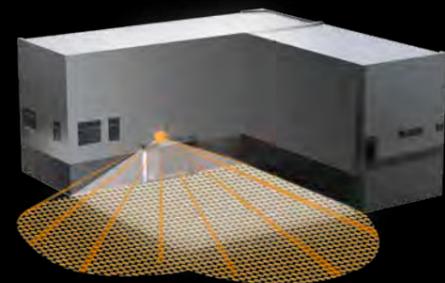
XLED PRO Wide XL
 EAN white 4007841 010041
 EAN black 4007841 010065
 EAN slave white 4007841 010201
 EAN slave black 4007841 010225

Square-shaped light. Extremely bright. **XLED PRO Square**

The XLED PRO Square. Even illumination of large areas. THE XLED PRO Square is also equipped with the lens matrix developed by STEINEL and the fully swivelling and tilting flat design light head. It was specially developed to illuminate large areas homogeneously. The powerful high-end LEDs create an impressive brightness of 2400 lumens while consuming just 24.8 watts. The basic light LEDs provide orientation and safety with minimal energy consumption. The sensor has an angle of coverage of 240° and a reach of 12 metres. The slave version offered separately can simply be interconnected by cable. The XLED PRO Square eNet version can also be integrated into the new eNet system by wireless link.

If this is not enough, its big brother - the XLED PRO Square XL - provides almost twice as much light output. With 4400 lumens at a consumption of just 48 watts, now the sun also shines at night.

| | | | | | | | |
|-------------------------|------------------|------------------|------------------------|-------------------------|----------|--------------|---------------|
| LED | 24,8w | 48w | | | | | |
| 30 years (Ø4,5h/day) | 2400lm 97lm/W | 4400lm 92lm/W | 4000K neutral white | 240° | max. 12m | 2 - 1000 Lux | 5 sec - 15min |
| | | | | 5 JAHRE GARANTIE | | | |
| 360° | soft light start | basic brightness | manual override | functional warranty | | | |



Technical specifications

Dimensions (H x W x D): 230 x 178 x 130 mm*
 Dimensions: (H x W x D): 208 x 178 x 130 mm
 Power supply: 220 - 240 V, 50 / 60 Hz
 Output: 24,8 W / 48 W (XL)
 Brightness: 2400 lumens / 4400 lumens (XL)
 Efficiency: 97 lm/W / 92 lm/W (XL)
 Colour temperature: 4000 K / SDCM 3
 Colour rendering: Ra ≥ 80
 LED life expectancy: 50,000 h (L70B10 to LM80)
 LED cooling system: passive Thermo Control
 Sensor technology: passive infrared*
 Angle of coverage: 240°*
 Reach: max. 12 m*

Twilight setting: 2 - 1000 lux*

Time setting: 5 sec - 15 min*
 Basic light level: 3%, optionally for 10 min, 30 min or all night long
 Soft light start: Yes
 Manual override: 4 hours, selectable
 Sensor/slave interconnection: max. of 10 floodlights
 IP rating / protection class: IP 54 / I
 Material: UV-resistant plastic (base), aluminium (heat sink)
 Temperature range: -20°C to +40°C
 Accessories: remote control RC9, Smart Remote

*Sensor version

XLED Square

EAN white 4007841 009953
 EAN black 4007841 009977
 EAN slave white 4007841 010010
 EAN slave black 4007841 010034

XLED Square XL

EAN white 4007841 009922
 EAN black 4007841 009946
 EAN slave white 4007841 009984
 EAN slave black 4007841 010003



Open the doors to progress
and discover a language that connects generations.

One for all. Smart Remote

The never-ending search for the right remote control is over! With the Smart Remote, all STEINEL sensors and sensor-switched lights can be controlled very conveniently with just one device. Simply download the appropriate app to your smartphone or tablet, connect via Bluetooth to the remote control Smart Remote and control all STEINEL products from a central point via infrared. It doesn't get any smarter than that!



Download app.



Connect Smart Remote via Bluetooth.



Device is ready for use.



App for Android and iOS.



Replaces the following remote controls:
RC1, RC2, RC3, RC4, RC5,
RC6, RC7, RC8, RC9, RC10



Technical specifications

Dimensions: (H x W x D): 115 x 52 x 26 mm
Power: 2 batteries, type AAA

Products controllable by Smart Remote:

Presence detectors: IR Quattro, IR Quattro HD, IR Quattro SLIM, IR Quattro SLIM XS, HF 360, Dual HF, US 360, Single US, Dual US, DualTech

Presence switches: IR 180, HF 180

Motion detectors: iHF 3D, sensIQ, sensIQ S, IS 3360, IS 3360 MX, IS 345, IS 345 MX, IS 3180, HF 3360

Photo-cell controller / light sensor:
NM 5000-3, Light Sensor Dual

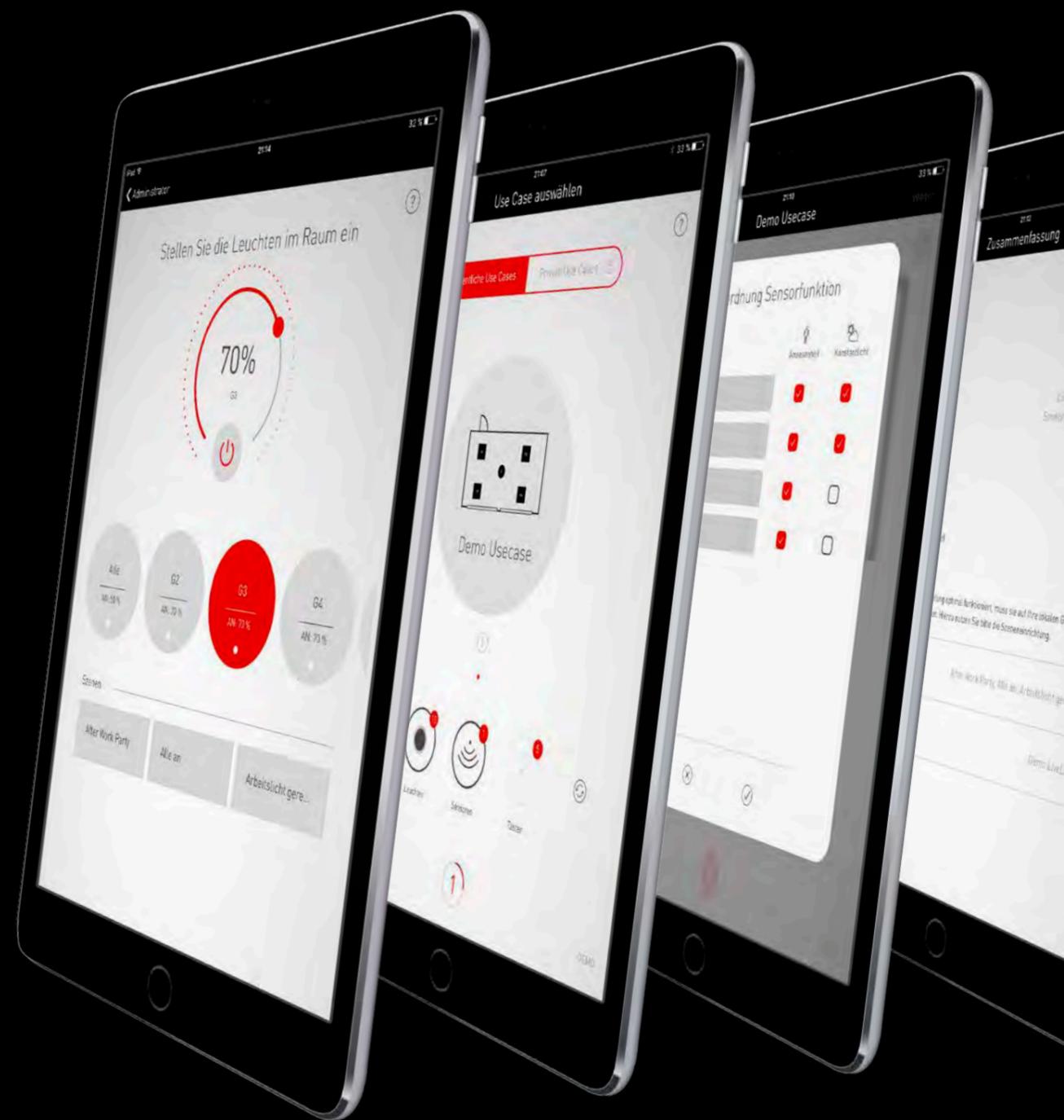
Sensor-switched indoor lights: RS PRO 5000, RS PRO 5002, RS PRO 5100, RS PRO 5200, RS PRO 5500, RS PRO 5800 LED, RS PRO 5850 LED, RS PRO DL LED 15/20 W, RS PRO LED Q1

Sensor-switched floodlights: XLED PRO Square, XLED PRO Wide

Smart Remote
EAN 4007841 009151

Light management revolutionarily simple. LiveLink

LiveLink is the new DALI-based light management system developed by STEINEL in cooperation with the lighting specialists TRILUX. What used to be very complex and time intensive can now be configured with LiveLink in just a few minutes without any specialist knowledge or programming experience. Operation is simple and intuitive via tablet or smartphone. The LiveLink app assists you step by step through the installation process. Common application scenarios, such as in an office or classroom, are stored as so-called Use Cases and make planning particularly simple. Special, highly sensitive LiveLink sensors from STEINEL control the light precisely depending on room use and the amount of daylight present.



LiveLink. Software developed for today's electrical fitters.

In cooperation with planners, architects, electrical fitters and users, we placed the greatest value on the needs of the users when developing this software. The graphic user interface and the intuitive user prompts are proving to be great advantages in practice. These not only make fast, easy work of installing the LiveLink components but also of configuring them and setting them for the specific situation.

The app. Plan intelligently and configure via drag and drop.

For commissioning, the "LiveLink Install" app provides the fitter with numerous intelligent functions for configuring the light management system quickly, accurately and easily. The LiveLink apps are available for iOS and Android operating systems and are extremely user-friendly. The "LiveLink Control" app allows the end user to adjust light quickly and simply to personal or situational demands.

LiveLink anticipates. Many applications are already preconfigured.

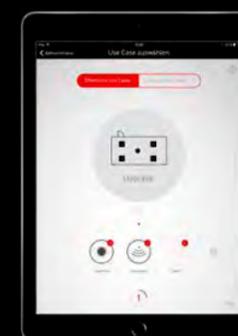
To simplify the planning and installation of lights, LiveLink offers the user a series of preset room configurations. These "Use Cases" give the user the certainty of optimised lighting configured in compliance with industry standards. Grouping lights and presetting them accordingly ensures that the electrical fitter can commission the light management system without any effort at all.

The right solution for every building and every application.

LiveLink combines knowledge of architectural conditions and various industry-specific requirements. It provides electrical fitters and users with professional and yet simple and secure access to the possibilities of lighting control. This way, almost every segment and application can benefit from LiveLink because it caters to any scenario and standard.



Intuitive operation



Search for Use Case



Assign components



Assign sensor functions



Done



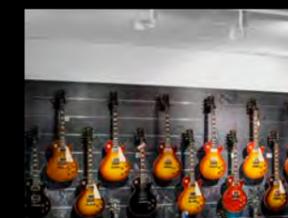
Office



Industry



Health care



Shop



At home



Education



LiveLink

Addressable DALI - simpler than ever before.

Light management was never more reliable and quicker to plan, install and operate than it is with LiveLink. With just one control device and two convenient apps, individually definable spaces can be configured and controlled in next to no time. Installing LiveLink starts with conventional DALI wiring: the components - lights, sensors and switches - are connected to the control device via DALI. The control device and lights also require a standard power connection.

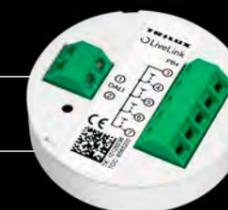
The LiveLink system can be fitted with all DALI lights. This is where TRILUX comes in, with a comprehensive range of options for all sorts of different applications, giving planners and architects broad creative flexibility in providing optimum lighting for any situation.



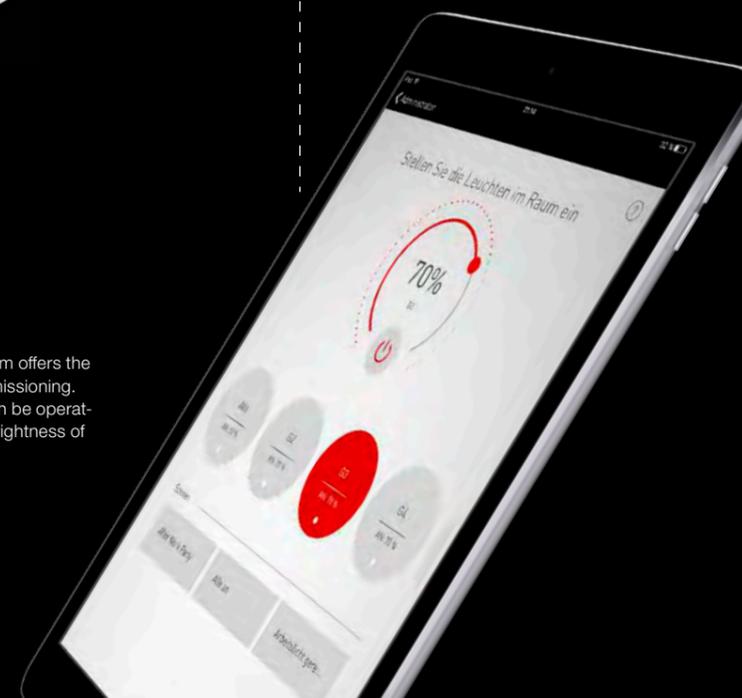
The "sensory organs" of the LiveLink system are the STEINEL sensors of the LiveLink series. Whether infrared or high-frequency technology, whether room, corridor or light sensor, the range offers the right sensor for any application.



The control device features a DALI interface and can be controlled by tablet, smartphone or switch. It can operate up to 16 light groups and 64 individual components. An integrated, autonomous WiFi network provides optimum connection and security.



The LiveLink switch coupler provides the capability of integrating up to four standard switches into the the LiveLink system. Installed simply behind the switches in the concealed box. Saved lighting scenarios can be assigned to individual buttons, making them available for selection in everyday use at the press of a button.



With the "LiveLink Install" app, the LiveLink system offers the appropriate software for configuration and commissioning. The "LiveLink Control" app is for the user and can be operated from tablets or smartphones for setting the brightness of lights or for selecting lighting scenarios.

LiveLink products overview



LiveLink control box

Dimensions: (H x W x D) 21 x 204 x 30 mm
 Power supply: 220 - 230 V, 50 / 60 Hz
 Interfaces: DALI and WiFi
 DALI supply: integrated DALI bus supply, max. 64 bus users
 WiFi connection: 868 MHz
 Control: via tablet and LiveLink Install app for commissioning
 Via smartphone/tablet and LiveLink Control app for control
 Additional inputs: switch input (230 V) with touch-dim function for one or more lighting groups or for selecting programmed lighting scenarios
 Material: plastic
 EAN 4007841 013653



IR Quattro HD LiveLink

Dimensions (W x H x D): 120 x 120 x 70 mm
 Power supply: DALI bus voltage
 Current consumption: 2 DALI users
 Sensor technology: passive infrared, 4800 switching zones, 4 pyro sensors
 Mechanically scalable reach
 Angle of coverage: 360°
 Mounting height: max. 10 m
 Reach (H = 2.8 m): max. 8 x 8 m presence/radial, max. 20 x 20 m tangential
 Settings: via LiveLink app
 Light level: 10-1000 lux, daylight operation
 Time setting: 30 sec - 60 min, IQ mode
 User-friendly functions: motion detection, light-level measurement, time setting, semi-automatic / fully automatic, teach mode, constant-lighting control
 IP rating / protection class: IP 20 / III
 Temperature range: -20°C to +55°C
 Material: UV-resistant plastic (casing), HDPE (lens)
 EAN 4007841 009717



IR Micro LiveLink

Dimensions: (Ø x D) 80 x 21 mm
 Power supply: DALI bus voltage
 Current consumption: 1 DALI user
 Sensor technology: passive infrared
 Angle of coverage: 360° with 90° angle of aperture
 Mounting height: 2.8 m
 Reach: 4 x 4 m presence and radial, 6 x 6 m tangential
 Settings: via LiveLink app
 Light level: 2-2000 lux
 Time setting: 1 min - 60 min, IQ
 User-friendly functions: motion detection, reach setting, brightness measurement, constant light control, semi-automatic / fully automatic, teach mode, test mode, daylight mode
 IP rating / protection class: IP 20 / III
 Temperature range: 0°C to +40°C
 Material: UV-resistant plastic (casing), HDPE (lens)
 EAN 4007841 009748



IR Quattro SLIM XS LiveLink

Dimensions: (H x W x D) 80 x 80 x 51 mm
 Power supply: DALI bus voltage
 Current consumption: 2 DALI users
 Sensor technology: passive infrared
 Angle of coverage: 360°
 Mounting height: max. 4 m
 Reach: 4 x 4 m presence, radial, tangential
 Settings: via LiveLink app
 Time setting: 1 min - 60 min, IQ
 Twilight setting: 10 - 1000 lux
 User-friendly functions: motion detection, reach setting, brightness measurement, constant-control, time setting, semi-automatic / fully automatic, teach mode, test mode, daylight operation
 IP rating / protection class: IP 20 / II
 Temperature range: 0°C to +40°C
 Material: UV-resistant plastic (casing), HDPE (lens)
 EAN 4007841 033040



Dual HF LiveLink

Dimensions (W x H x D): 120 x 120 x 75 mm
 Power supply: DALI bus voltage
 Current consumption: 7 DALI participants
 Sensor technology: high frequency, 5.8 GHz
 Angle of coverage: corridor
 Mounting height: max. 3.5 m
 Reach (H = 2.8 m): max. 20 x 3 m, (10 x 3 m in each direction)
 Settings: via LiveLink app
 Light level: 10-1000 lux, daylight operation
 Time setting: 30 sec - 60 min, IQ mode
 User-friendly functions: motion detection, light-level measurement, time setting, semi-automatic / fully automatic, teach mode, constant-lighting control
 IP rating / protection class: IP 20 / III
 Temperature range: -20°C to + 55°C
 Material: UV-resistant plastic
 EAN 4007841 009700



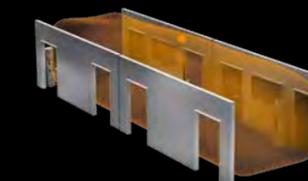
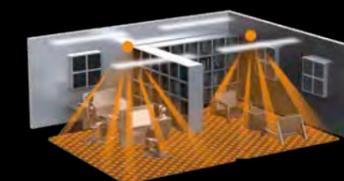
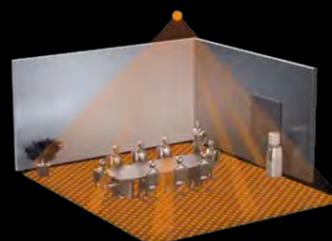
Switch coupler: 4x DALI

Dimensions: (Ø x H) Ø 50 x 16 mm
 Power supply: DALI bus voltage
 Current consumption: 1 DALI user
 Inputs: 4 inputs for conventional switches
 Commissioning: via tablet and LiveLink Install app
 Functions: freely selectable during commissioning: Touch-dim function of one or more light groups, selecting programmed light scenarios
 Material: plastic
 EAN 4007841 013660



LiveLink KNX gateway

Integration of LiveLink components into KNX building automation
 EAN 4007841 034009



LiveLink products overview



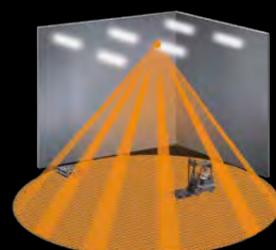
Light Sensor Dual LiveLink
 Dimensions: (H x W x D) 95 x 95 x 65 mm
 Power supply: DALI bus voltage
 Current consumption: 1 DALI user
 Sensor technology: photodiode
 Angle of coverage: directed and diffuse
 Light level: 2-1000 lux
 Settings: via LiveLink app
 User-friendly functions: brightness measurement
 diffuse or directed, constant-lighting control
 Mounting: ceiling, wall
 Suitable for use: indoors and outdoors
 IP rating / protection class: IP 54 / III
 Temperature range: 0°C to +40°C
 Material: UV-resistant plastic
 EAN 4007841 009762



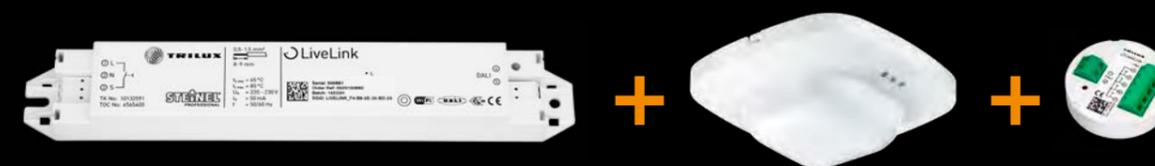
IS 345 MX Highbay LiveLink
 Dimensions: (H x W x D): 95 x 95 x 65 mm
 Power supply: DALI bus voltage
 Current consumption: 2 DALI users
 Sensor technology: passive infrared
 Angle of coverage: 51° with 9° angle of aperture
 Mounting height: 4 - 14 m
 Reach: max. 30 x 4 m (radial)
 Settings: via LiveLink app
 Light level: 2-1000 lux
 Time setting: 1 min – 60 min, IQ
 User-friendly functions: motion detection,
 brightness measurement, time setting,
 semi-automatic / fully automatic, teach mode,
 test mode, daylight operation
 IP rating / protection class: IP 54 / III
 Temperature range: -20°C to +50°C
 Material: UV-resistant plastic (casing), HDPE (lens)
 EAN 4007841 009731



IS 3360 MX Highbay LiveLink
 Dimensions: (H x W x D): 95 x 95 x 65 mm
 Power supply: DALI bus voltage
 Current consumption: 2 DALI users
 Sensor technology: passive infrared
 Angle of coverage: 360°
 Mounting height: 4 - 14 m
 Reach: max. 18 m (tangential)
 Settings: via LiveLink app
 Light level: 2-1000 lux
 Time setting: 1 min – 60 min, IQ
 User-friendly functions: motion detection,
 brightness measurement, time setting,
 semi-automatic / fully automatic, teach mode,
 test mode, daylight operation
 IP rating / protection class: IP 54 / III
 Temperature range: -20°C to +50°C
 Material: UV-resistant plastic (casing), HDPE (lens)
 EAN 4007841 009724



LiveLink-Starterkit



LiveLink-Starterkit
 Includes LiveLink control box,
 IR Quattro HD LiveLink and the
 switch coupler 4x DALI
 EAN 4007841 033958



The SmartHome standard for the trade.
eNet

Buildings can now be retrofitted and equipped with intelligent Smart Home technology effortlessly and without dirt or complicated new installation work. The cooperation of leading manufacturers now provides the platform for professional automation in existing buildings. With eNet, existing electrical installations can now be upgraded conveniently with smart, new functions. The devices can be remote-controlled either individually or in groups and from home or out and about. eNet is designed as the industry standard which further cooperation partners can join in the future. With the new bidirectional 868 MHz wireless system, installations such as lighting and roller shutters can be linked together intelligently. Energy sensors let you record how much energy you are using. eNet gives you smart, versatile, quickly installed, upgradeable, energy-efficient and future-proof convenience.



The start of a big story.

Our eNet range starts with a top-calibre triumvirate. The new XLED PRO floodlights for illuminating large or extremely wide areas and the sensIQ, an infrared motion detector that sets standards in all disciplines are forerunners of an upcoming comprehensive range of STEINEL products. In connection with the eNet components and the products of other top-calibre brands, the course for the future has been set.



sensIQ eNET

Power supply: 220 - 240 V, 50 / 60 Hz
 Mounting: ceiling, wall
 Output: max. 2000 W
 maximum of 8 fluorescent lamps / LED lamps C < 176 µF
 Sensor technology: passive infrared
 Angle of coverage: 300° with 180° angle of aperture
 Reach: 3 x 20 m, adjustable in 3 directions by turning
 Twilight setting: 2 - 2000 lux
 Time setting: 5 sec - 15 min
 Wireless system: 868 MHz eNet
 IP rating / protection class: IP 54 / II
 Material: UV-resistant plastic
 Incl. wall mount and RC1 remote control
 EAN white 4007841 020439
 EAN black 4007841 020422
 EAN stainless steel 4007841 020415



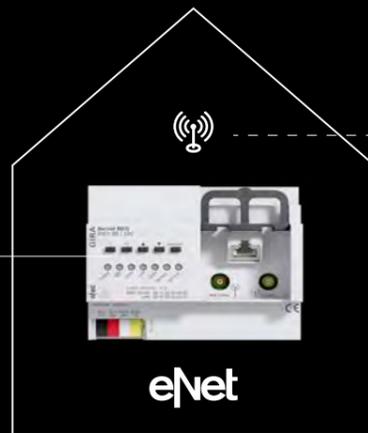
XLED PRO Wide eNET

Dimensions: (H x W x D) 188 x 265 x 126 mm
 Power supply: 220 - 240 V, 50 / 60 Hz
 Output: 24.8 W
 Brightness : 2400 lumens
 Efficiency: 97 lm/W
 Colour temperature: 4000 K / SDCM 3
 Colour rendering: Ra ≥ 80
 LED life expectancy: 50,000 h (L70B10 to LM80)
 LED cooling system: passive Thermo Control
 Sensor technology: passive infrared
 Angle of coverage: 240°
 Reach: max. 12 m
 Twilight setting: 2 - 1000 lux
 Time setting: 5 sec - 15 min
 Basic light level: 3%, optionally for 10 min, 30 min or all night long
 Soft light start: Yes
 Manual override: 4 hours, selectable
 Wireless system: 868 MHz eNet
 IP rating / protection class: IP 54 / I
 Material: UV-resistant plastic (base), aluminium (heat sink)
 Temperature range: -20°C to +40°C
 Accessories: remote control RC9, Smart Remote
 EAN white 4007841 010218
 EAN black 4007841 010249



XLED PRO Square eNET

Dimensions (H x W x D) 230 x 178 x 130 mm
 Power supply: 220 - 240 V, 50 / 60 Hz
 Output: 24.8 W
 Brightness : 2400 lumens
 Efficiency: 97 lm/W
 Colour temperature: 4000 K / SDCM 3
 Colour rendering: Ra ≥ 80
 LED life expectancy: 50,000 h (L70B10 to LM80)
 LED cooling system: passive Thermo Control
 Sensor technology: passive infrared
 Angle of coverage: 240°
 Reach: max. 12 m
 Twilight setting: 2 - 1000 lux
 Time setting: 5 sec - 15 min
 Basic light level: 3%, optionally for 10 min, 30 min or all night long
 Soft light start: Yes
 Manual override: 4 hours, selectable
 Wireless system: 868 MHz eNet
 IP rating / protection class: IP 54 / I
 Material: UV-resistant plastic (base), aluminium (heat sink)
 Temperature range: -20°C to +40°C
 Accessories: remote control RC9, Smart Remote
 EAN white 4007841 009991
 EAN black 4007841 010027



The eNet server is the wireless module, control room and intelligent centre of the eNet system.

The eNet wireless standard integrates all actuators and eNet-capable products into the system.



Simple configuration via tablet or smartphone. End users can also operate the system via the eNet Mobile Gate.



The greatest gift for an inventor is a smile.

Switches every lamp without flickering or shimmering.

Back to the future. Modern lamps make sense, are fun and are being installed in all applications. Unfortunately, however, the combination of conventional sensor switches and energy-saving lamps often results in flickering. Trouble-free, reduced power consumption is only possible here by using halogen lamps. STEINEL now offers a solution to this problem. The IR 180 UNIVERSAL features a super-capacitor and electrical isolation of the cable by a relay to prevent leakage currents. As a result, any lamp can be switched on without flickering. A small invention with great effects and a true global first.

| | Halogen | T5 | LED | CFL |
|----------------------------|---------|----|-----|-----|
| IR 180 Universal | ✓ | ✓ | ✓ | ✓ |
| Conventional 2-wire switch | ✓ | — | — | — |

High-precision 180° infrared sensor with a reach of 20 m.

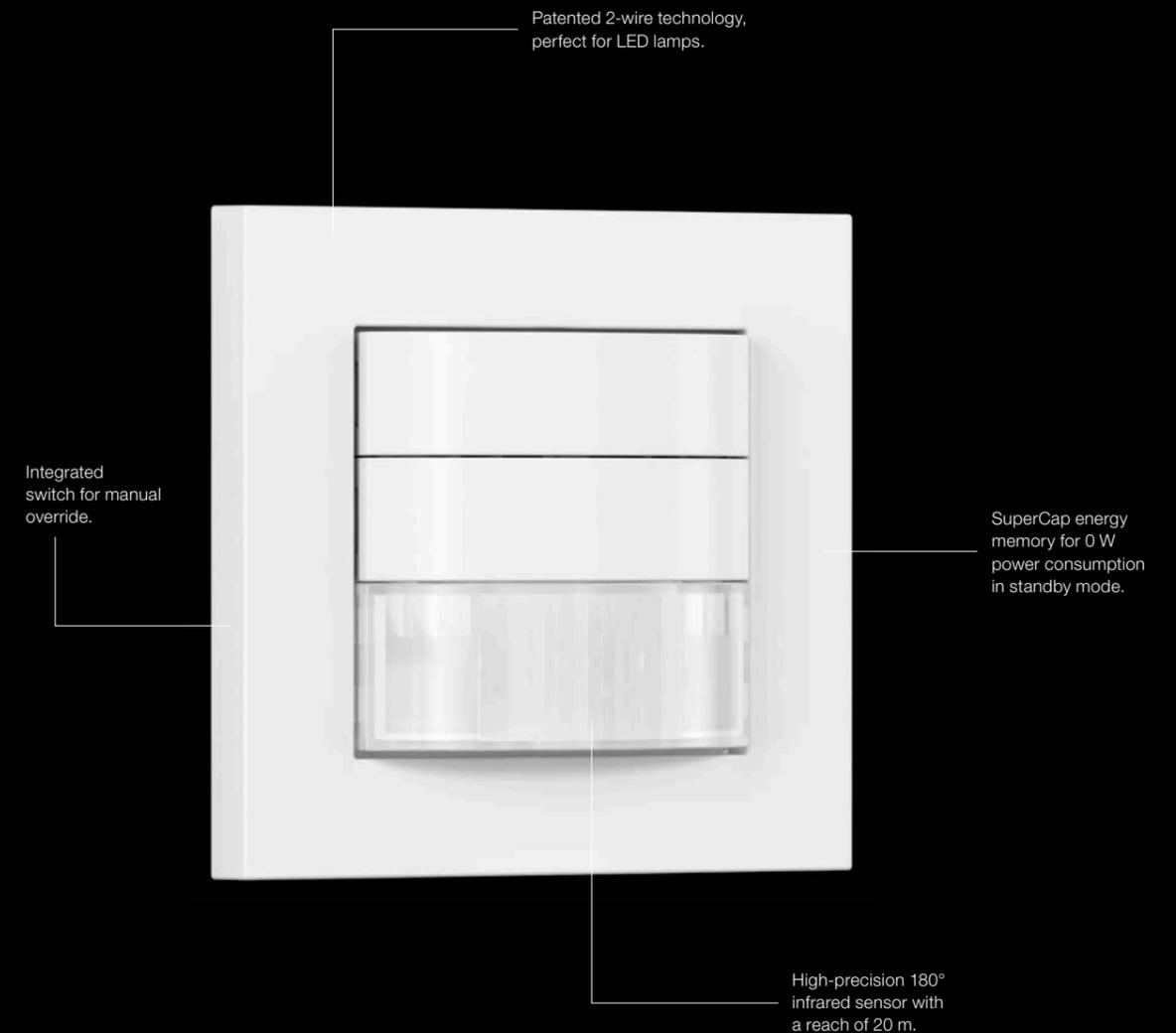
Patented 2-wire technology, perfect for LED lamps.

Integrated switch for manual override.

SuperCap energy memory for 0 W power consumption in standby mode.

World first for modernisation and refurbishment. IR 180 UNIVERSAL

You can now upgrade existing buildings with state-of-the-art technology in next to no time! The infrared sensor switch IR 180 UNIVERSAL in a 2-wire design makes it possible. It can be installed with conventional 2-wire cables, making it a real sensation. The integrated super-capacitor, which feeds the sensor switch in the event of a power interruption, ensures perfect operation thanks to the zero-watt standby mode consumption. This means it can switch every lamp on and off, making it a future-proof investment. The IR 180 UNIVERSAL comes in a completely new design and can be installed quickly and easily in all existing walls.



Technical specifications

Dimensions (H x W x D): 80 x 80 x 20.5 mm
 Power supply: 220 - 240 V, 50 / 60 Hz
 Power consumption: 0 W, charge current depending on lamp
 Storage technology: super-capacitor energy storage
 Output: max. 200 W, maximum of 6 fluorescent lamps / LED lamps $C \leq 132 \mu\text{F}$
 Sensor type: passive infrared
 Angle of coverage: 180°
 Reach: max. 20 m
 Twilight setting: 2 - 1000 lux
 Time setting: 30 sec - 30 min

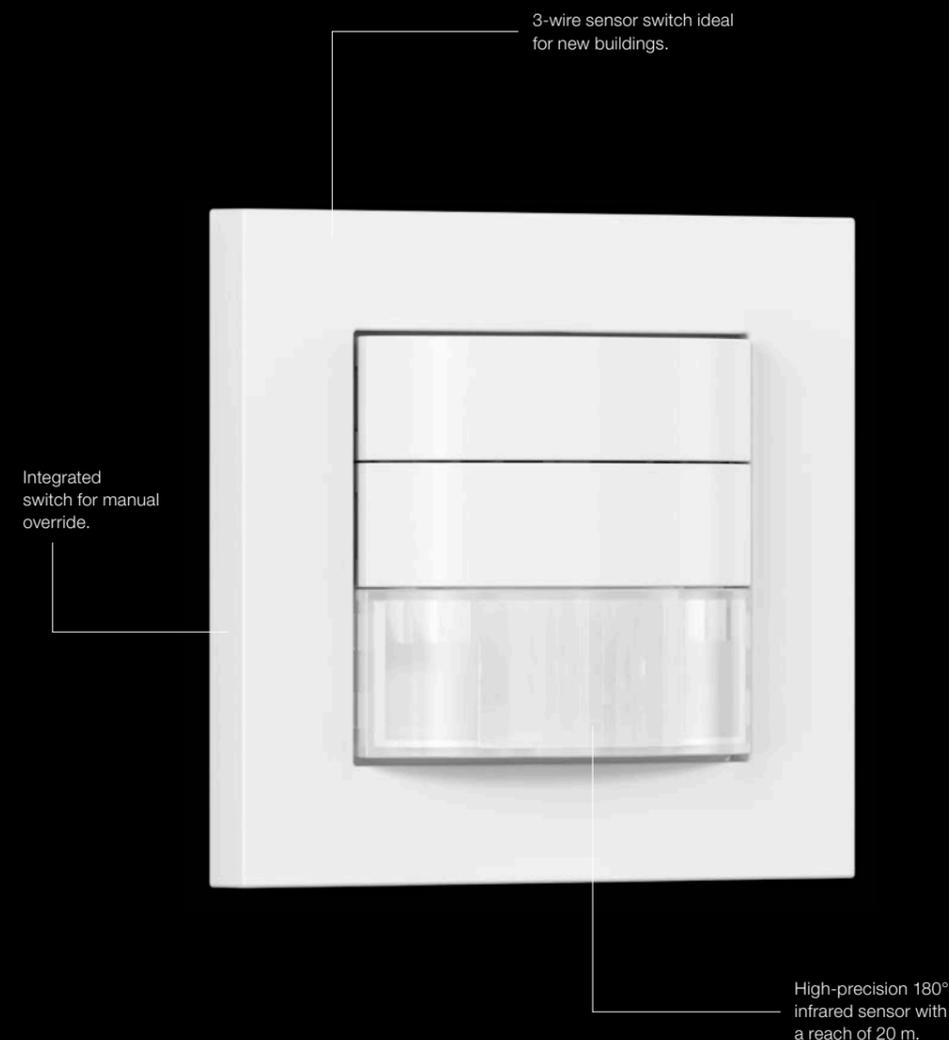
User-friendly settings: normal / test operation, semi- / fully automatic, switch active / switch inactive, ON / ON-OFF
 IP rating / protection class: IP 20 / II
 Accessories: adapter for Busch-Jäger and Jung switch ranges

IR 180 Universal

EAN COM1 white 4007841 033149
 EAN COM1 silver 4007841 033132

The new standard for infrared sensor switches. IR 180

New design, intelligent technology, fast installation. IR 180 is the answer to providing infrared sensor switches in new buildings or existing property. 180 denotes the sensor's huge angle of coverage. It misses absolutely nothing, either to the left or right. The IR 180 also comes in a new design and can be installed quickly and easily. The KNX version also indicates temperature and air humidity.



Technical specifications

Dimensions (H x W x D): 80 x 80 x 20.5 mm

COM1 / COM 2:

Power supply:
220 - 240 V, 50 / 60 Hz
Output: max. 2000 W, max. 6 fluorescent lamps / LED lamps C ≤ 132 µF

DALI:

Power supply: DALI bus voltage,
1x 2-conductor DALI control line /
broadcast for 2 x 12 electronic ballasts,
switching operation.

Sensor type: passive infrared

Angle of coverage: 180°

Reach: max. 20 m

Twilight setting: 2 - 1000 lux

Time setting: 30 sec - 30 min

User-friendly DALI functions: constant-lighting control, basic light at 10 - 50% for 0 - 30 min or all night long

IP rating / protection class: IP 20 / II

Accessories: adapter for Busch-Jäger and Jung switch ranges

IR 180

EAN white COM1 4007841 029944

EAN white COM2 4007841 033002

EAN white DALI 4007841 033026

EAN white KNX 4007841 032975*

EAN silver COM1 4007841 032982

EAN silver COM2 4007841 032999

EAN silver DALI 4007841 033019

EAN silver KNX 4007841032968*

*Technical specifications in the KNX brochure

Reliably detects through partition walls. HF 180

High-frequency technology meets top-calibre design! Producing an angle of coverage of 180°, the sensor switch HF 180 not only scores top marks in performance, it looks great too. The HF sensor technology detects every movement and switches instantly. The solution for offices, entrance rooms and washroom facilities where movement needs detecting through thin partition walls. Intelligent technology that not only looks good, but is also easy to install. The KNX version also indicates temperature and air humidity.



3-wire sensor switch ideal for new buildings.

Integrated switch for manual override.

Very fast detection regardless of temperature.

180° high-frequency sensor with Ø 8 m reach.



Technical specifications

Dimensions (H x W x D): 80 x 80 x 20.5 mm

COM1 / COM 2:

Power supply: 220 - 240 V, 50 / 60 Hz

Output: max. 2000 W, max. 6 fluorescent lamps / LED lamps $C \leq 132 \mu F$

DALI:

Power supply: DALI bus voltage, 1x 2-conductor DALI control line / broadcast for 2 x 12 electronic ballasts, switching operation.

Sensor type: High frequency

Angle of coverage: 180°

Reach: Ø 1 - 8 m

Twilight setting: 2 - 1000 lux

Time setting: 30 sec - 30 min

User-friendly DALI functions: constant-lighting control, basic light at 10 - 50% for 0 - 30 min or all night long

IP rating / protection class: IP 20 / II

Accessories: adapter for Busch-Jäger and Jung switch ranges

HF 180 (3-wire)

EAN white COM1 4007841 032883

EAN white COM2 4007841 032913

EAN white DALI 4007841 032937

EAN white KNX 4007841 032876*

EAN silver COM1 4007841 032890

EAN silver COM2 4007841 032906

EAN silver DALI 4007841 032920

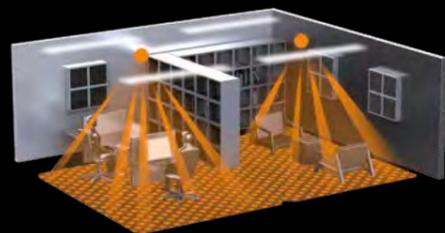
EAN silver KNX 4007841 032869*

*Technical specifications in the KNX brochure

Our slimmest presence detector.
 Now even smaller in concealed box format.
IR Quattro SLIM XS

Due to popular demand. The extra slim IR Quattro SLIM XS presence detector virtually disappears in the wall or ceiling. Thanks to the new and practical concealed box format it forms a remarkably unobtrusive symbiosis with the home environment and can now be installed in any standard concealed box. In short: our slimmest presence detector would seem to be pretending it wasn't even there - and yet is absolutely present when it matters.

- 
360°
- 
max. 4 x 4 m
presence
- 
10 - 1000 Lux
- 
30sec - 30min
- 
**5 JAHRE
GARANTIE**
functional
warranty



Technical specifications

Dimensions (H x W x D) COM1: 80 x 80 x 55 mm
 Power supply COM1: 220-240 V, 50 / 60 Hz
 Output: max. 1000 W, maximum of 8 fluorescent lamps / LED lamps C < 176 µF
 Sensor technology: passive infrared
 Angle of coverage: 360°
 Reach: 4 x 4 m presence, radial, tangential
 Twilight setting: 10 - 1000 lux
 Time setting: COM1: 30 sec - 30 min, IQ
 IP rating / protection class: IP 20 / II
 Accessories COM1: remote control RC5, RC8, Smart Remote

IR Quattro SLIM XS

EAN COM1 4007841 032951
 EAN KNX 4007841 033033*

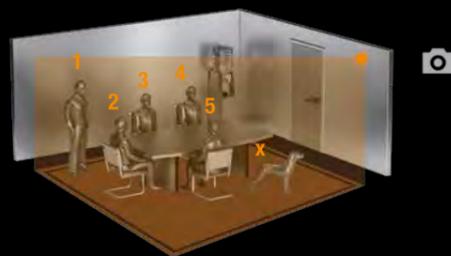
*Technical specifications in the KNX brochure



What's most important with intelligent technology?
Every detail.

Camera multi-sensor system. Coming close to the future. HPD 2

It has taken the world's best specialists and universities over 5 years to develop this system that analyses images directly in the sensor. With the HPD2 – HPD stands for "Human Presence Detection" – STEINEL makes a quantum leap in sensor technology. Because the HPD2 is the world's first presence detector that's not only capable of detecting whether people are present but can also count them. No matter whether they are moving about or not. At the heart of the person sensor is innovative camera technology that uses a highly sensitive optical system in combination with a complex mathematical algorithm. The HPD2 also has integrated temperature and air-humidity sensors, opening up completely new possibilities in building automation. Light, heating and air-conditioning can finally be controlled in line with demand for the number of people present in a room.



Technical specifications

Dimensions: (H x W x D): 156 x 86 x 52 mm
 Power supply: KNX bus voltage
 IP: Power over Ethernet (PoE)
 Sensor technology: Camera technology
 Angle of coverage: 110°
 Reach: 15 m
 Twilight setting: 2 - 2000 lux
 Time setting: 1-255 min
 Communication objects HPD 2:
 KNX twisted pair:
 Light channel with constant-lighting control per zone
 Number of people present for up to 5 zones

Threshold control possible
 Output of temperature, air humidity and light level
 Presence output
 Output of the values for all zones accumulated
 Ethernet (IP):
 Output of the compiled sensor data
 Number of persons in total / per zone
 Light level total / per zone
 Presence
 Temperature
 Air humidity
 Brightness
 IP rating / protection class: IP 20 / III

Temperature range: 0°C to +40°C
 Material: UV-resistant plastic

HPD 2
 EAN KNX Twisted Pair 4007841 033200
 EAN Ethernet (IP) 4007841 033965



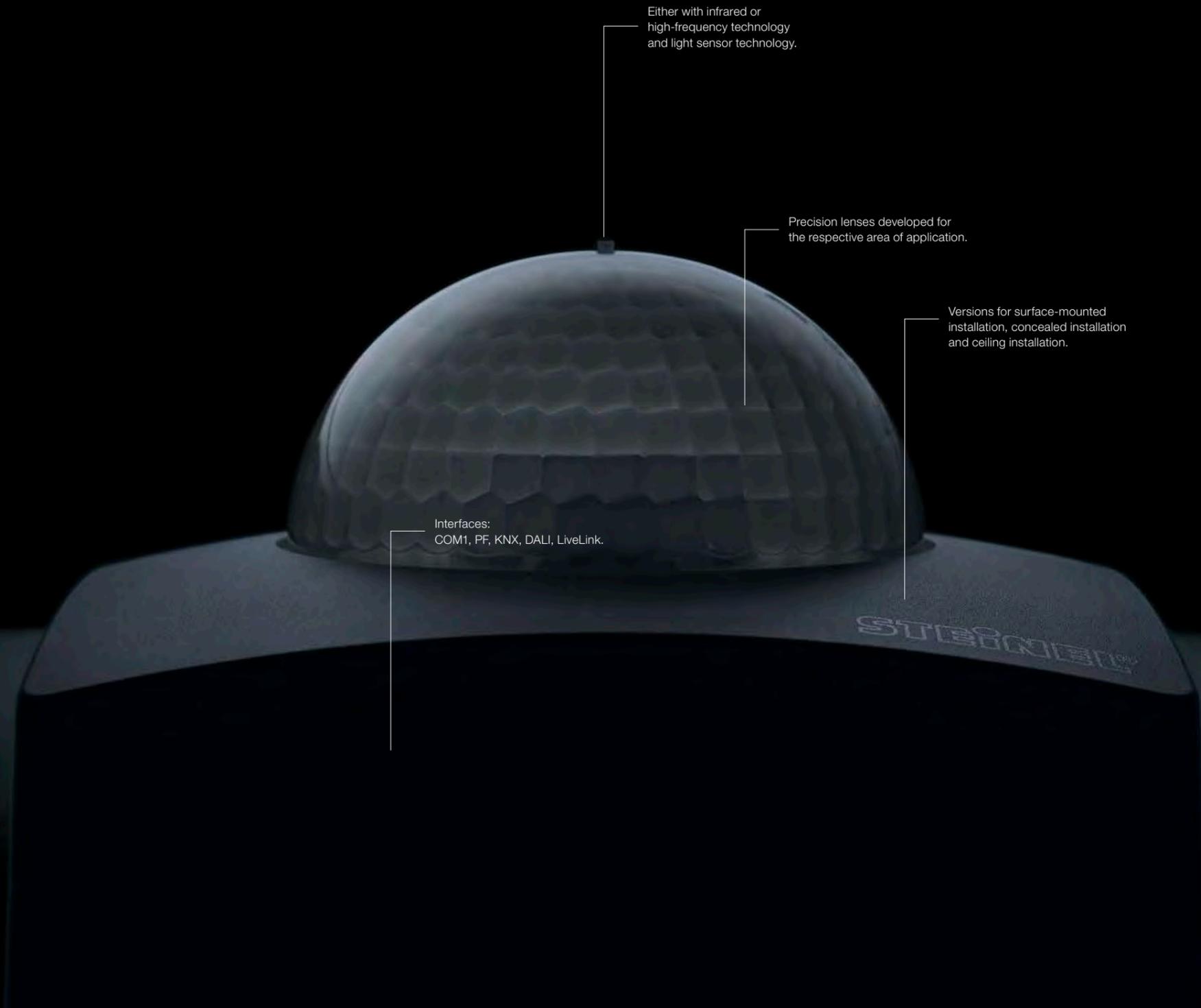
Complexity is best solved with simplicity.
And with the right solution for every need.

For all interfaces. For even more freedom. The 3000 series.

Because demand for our sensors is growing and growing, we have aligned our 3000 series with the needs of our customers and complemented our range. There are now surface-mounted and concealed versions of all sensors and, wherever it makes sense, round instead of square casings. The true innovation, however, is greater compatibility with the main interfaces. Whether COM1, COM2, DALI, KNX or LiveLink - with our 3000 series, even the largest plan can be turned into reality with the least amount of effort. And we are particularly proud of this: in connection with our Smart Remote remote control, configuration and control can now be performed simply and conveniently via tablet or smartphone.



The 3000 series - can be controlled remotely via the Smart Remote (LiveLink versions excepted)



Either with infrared or high-frequency technology and light sensor technology.

Precision lenses developed for the respective area of application.

Versions for surface-mounted installation, concealed installation and ceiling installation.

Interfaces:
COM1, PF, KNX, DALI, LiveLink.

8 sensors. 4 designs.
5 interfaces. 79 products.

The 3000 series.



Schnittstellen

IS 3360

IS 345

HF 3360

Light Sensor Dual

IS 3360 MX Highbay

IS 345 MX Highbay

IS 3180

NM 5000-3

Concealed installation, round

| | | | |
|----------|---|---|---|
| COM1 | • | • | • |
| PF | • | • | • |
| KNX | • | • | • |
| DALI | • | • | • |
| LiveLink | | | |

Concealed installation, square

| | | | |
|----------|---|---|---|
| COM1 | • | • | • |
| PF | • | • | • |
| KNX | • | • | • |
| DALI | • | • | • |
| LiveLink | | | |

Surface-mounted installation, round

| | | | |
|----------|---|---|---|
| COM1 | • | • | • |
| PF | • | • | • |
| KNX | • | • | • |
| DALI | • | • | • |
| LiveLink | | | |

Surface-mounted installation, square

| | | | |
|----------|---|---|---|
| COM1 | • | • | • |
| PF | • | • | • |
| KNX | • | • | • |
| DALI | • | • | • |
| LiveLink | | | |

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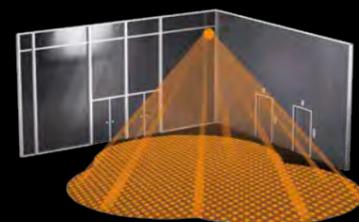
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With far-sightedness. And all-round vision. IS 3360

Large spaces, multi-storey car parks and production buildings with ceiling heights of up to 4 m rarely provide installation surfaces every metre. These environments call for motion detectors with a long reach. Like the IS 3360. It detects any tangential movement within an all-round radius of 20 metres. Even installed at heights of up to 4 metres. In short: one IS 3360 covers an area of more than 1000 m²! STEINEL Infrared technology that keeps its promises.



Technical specifications

Power supply COM1 / PF / DALI:
220 - 240 V, 50 / 60 Hz
Output COM1: max. 2000 W, max. 8 fluorescent lamps / LED lamps C < 176 µF
Output DALI: 1x 2-conductor DALI control line / broadcast for 30 electronic ballasts
Output PF: 50-240 V, 10 A
Sensor technology: passive infrared
Angle of coverage: 360° with 180° angle of aperture
Mounting height: 2.5 - 4 m
Reach: max. 20 m
Twilight setting: 2 - 2000 lux
Time setting: COM1, PF, DALI: 5 sec - 15 min
DALI user-friendly function: basic light level

0 - 30 min, all night 10 - 50%
IP rating / protection class: IP 54 / II
Temperature range: -20°C to +50°C
Material: UV-resistant plastic
Accessories: remote control RC5, RC8, Smart Remote

IS 3360

Surface-mounted, square (66x95x95 mm)
EAN COM1 4007841 010478
EAN PF 4007841 010515
EAN DALI 4007841 010560
EAN KNX 4007841 011635*

Surface-mounted, round (66xØ126 mm)
EAN COM1 4007841 033446

EAN PF 4007841 033477
EAN DALI 4007841 033507
EAN KNX 4007841 033538*

Concealed, square (78x94x94 mm)
EAN COM1 4007841 033460
EAN PF 4007841 033491
EAN DALI 4007841 033514
EAN KNX 4007841 033545*

Concealed, round (78xØ124 mm)
EAN COM1 4007841 033453
EAN PF 4007841 033484
EAN DALI 4007841 033521
EAN KNX 4007841 033552*

*Technical specifications in the KNX brochure

Pioneering sensor technology. Targeted detection. IS 345

Aisles and long corridors place special demands on sensor performance. The detection area of the sensor must be narrow, but long. Only in this way can the fewest possible sensors cover sections of the greatest possible length. Tried and proven over and over again, the IS 345 is the specialist for indoor applications of this type. It is specially designed for detection in corridors and has an angle of aperture of 45°. This means that it can watch over an area of up to 20 x 4 metres tangentially.



Technical specifications

Power supply COM1 / PF / DALI: 220 - 240 V, 50 / 60 Hz
 Output COM1: max. 2000 W, max. 8 fluorescent lamps / LED lamps C < 176 µF
 Output DALI: 1x 2-conductor DALI control line / broadcast for 30 electronic ballasts
 Output PF: 50-240 V, 10 A
 Sensor type: passive infrared
 Angle of coverage: corridor with 45° angle of aperture
 Mounting height: 2.5 - 5 m
 Reach: 20 x 4 m tangential, 12 x 4 m radial
 Twilight setting: 2 - 2000 lux
 Time setting: COM1, PF, DALI: 5 sec - 15 min
 DALI user-friendly function: basic light level

0 - 30 min, all night 10 - 50%
 IP rating / protection class: IP54 / II
 Temperature range: -20°C to +50°C
 Material: UV-resistant plastic
 Accessories: remote control RC5, RC8, Smart Remote

IS 345,
Surface-mounted, square (66x95x95 mm)
 EAN COM1 4007841 010485
 EAN PF 4007841 010539
 EAN DALI 4007841 010584
 EAN KNX 4007841 011659*

Surface-mounted, round (66xØ126mm)
 EAN COM1 4007841 033798

EAN PF 4007841 033828
 EAN DALI 4007841 033859
 EAN KNX 4007841 033880*

Concealed, square (78x94x94 mm)
 EAN COM1 4007841 033804
 EAN PF 4007841 033835
 EAN DALI 4007841 033866
 EAN KNX 4007841 033897*

Concealed, round (78xØ124 mm)
 EAN COM1 4007841 033811
 EAN PF 4007841 033842
 EAN DALI 4007841 033873
 EAN KNX 4007841 033903*

*Technical specifications in the KNX brochure

It detects simply everything.
Very fast and if required over 2 storeys.
HF 3360

High-frequency technology is the perfect alternative in areas that can pose problems for temperature-based infrared sensors. This makes the HF 3360 the ideal solution if you want to automate lighting in winding basement corridors, stairwells and multi-storey car parks. It detects the smallest of movements reliably and precisely and ensures the perfect automatic lighting control - even in stairwells over two storeys high. The HF 3360 is also ideal for all entrance areas because light is switched ON as soon as the sensor detects the door opening. Available in surface-mounted and concealed installation versions, and naturally compatible with the standard interfaces.



Technical specifications

Power supply COM1 / PF / DALI: 220 - 240 V, 50 / 60 Hz
Output COM1: max. 2000 W, maximum of 8 fluorescent lamps / LED lamps C < 176 µF
Output DALI: 1x 2-conductor DALI control line / broadcast for 30 electronic ballasts
Output PF: 50-240 V, 10 A
Sensor technology: high frequency
Angle of coverage: 360° with 140° angle of aperture
Mounting height: 2 - 2.8 m
Reach: Ø 1 - 8 m
Twilight setting: 2 - 2000 lux
Time setting: COM1, PF, DALI: 5 sec - 15 min
DALI user-friendly function: basic light level

0 - 30 min, all night 10 - 50%
IP rating / protection class: IP 54 / II
Temperature range: -20°C to +50°C
Material: UV-resistant plastic
Accessories: remote control RC5, RC8, Smart Remote
HF 3360
Surface-mounted, square (52x95x95 mm)
EAN COM1 4007841 011734
EAN PF 4007841 010546
EAN DALI 4007841 011604
EAN KNX 4007841 011673*

Surface-mounted, round (52xØ126 mm)
EAN COM1 4007841 033668
EAN PF 4007841 033699

EAN DALI 4007841 033736
EAN KNX 4007841 033767*

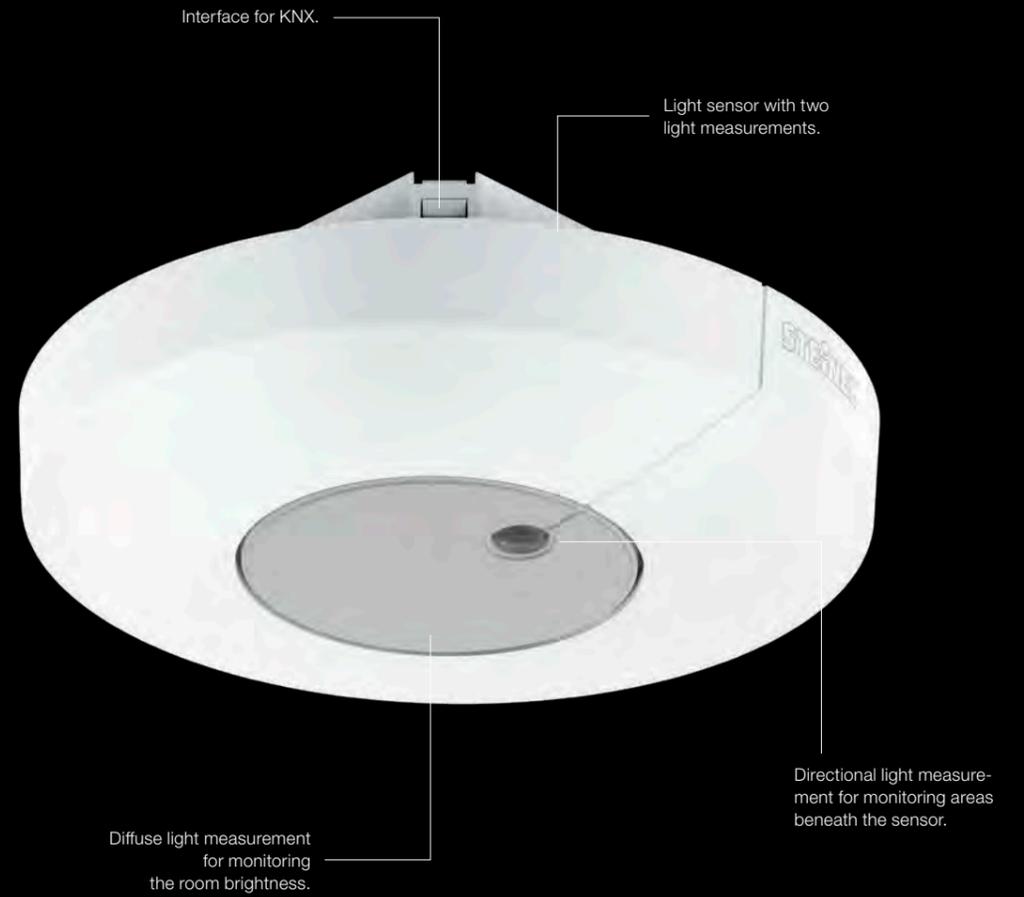
Concealed, square (64x94x94 mm)
EAN COM1 4007841033675
EAN PF 4007841 033705
EAN DALI 4007841 033743
EAN KNX 4007841 033774*

Concealed, round (64xØ124 mm)
EAN COM1 4007841 033682
EAN PF 4007841 033712
EAN DALI 4007841 033750
EAN KNX 4007841033781*

*Technical specifications in the KNX brochure

The duality of light measurement. Light Sensor Dual

No matter whether focused or diffuse measurements are needed - both work with the **Light Sensor Dual!** The challenge must not be underestimated. To obtain usable information on the lighting situation in a room, it is not sufficient simply to determine general brightness. It is important to use a combination of measuring the light level at the desk, for example, and determining diffuse room brightness. This way, errors can be ruled out for better lighting control. And the STEINEL Light Sensor Dual is simply perfect for this.



Technical specifications

Power supply: KNX bus voltage
 Sensor technology: photodiode
 Angle of coverage: directed and diffuse
 Mounting: ceiling
 Angle of coverage: directed and diffuse
 Twilight setting: 2 - 1000 lux
 KNX parameters:
 Output brightness: diffuse and directed
 Output, constant-lighting control: governed by brightness
 Output, photo-cell controller: switching governed by brightness

Further outputs:

light level, sabotage protection
 Temperature range: 0°C to +40°C
 IP rating / protection class: IP 54 / III
 Material: UV-resistant plastic
 Accessories: remote control RC6, RC7, Smart Remote

Light Sensor Dual

Surface-mounted, square (42x95x95 mm)
 EAN KNX 4007841 011727*

Surface-mounted, round (42xØ126 mm)
 EAN KNX 4007841 033644*

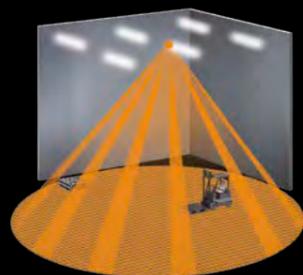
Concealed, square (54x95x95 mm)
 EAN KNX 4007841 033637*

Concealed, round (54xØ124 mm)
 EAN KNX 4007841 033651*



A head for heights. Powerful reach. Reliable. IS 3360 MX Highbay

The ceilings are generally quite high in industrial halls and business premises. Good to know then that even high ceilings do not present a problem to the IS 3360 MX Highbay. The long-reach motion detector has an extra-large detection zone and remains absolutely alert even when it is installed at a height of up to 14 metres. The IS 3360 MX Highbay is highly reliable.



Technical specifications

Power supply COM1 / PF / DALI: 220 - 240 V, 50 / 60 Hz
 Output COM1: max. 2000 W, max. 8 fluorescent lamps / LED lamps C < 176 µF
 Output DALI: 1x 2-conductor DALI control line / broadcast for 30 electronic ballasts
 Output PF: 50-240 V, 10 A
 Sensor technology: passive infrared
 Angle of coverage: 360°
 Mounting height: 4 - 14 m
 Reach: max. 18 m (tangential)
 Twilight setting: 2 - 2000 lux
 Time setting COM1, PF, DALI: 5 sec - 15 min

DALI user-friendly function: basic light level 0 - 30 min, all night 10 - 50%
 IP rating / protection class: IP 54 / II
 Temperature range: -20°C to +50°C
 Material: UV-resistant plastic
 Accessories: remote control RC5, RC8, Smart Remote

IS 3360 MX Highbay
Surface-mounted, square (66 x 95 x 95 mm)
 EAN COM1 4007841 033569
 EAN PF 4007841 033583
 EAN DALI 4007841 010577

EAN KNX 4007841 011642*
 EAN LiveLink 4007841 009724

Concealed, square (78 x 95 x 95 mm)
 EAN COM1 4007841 033576
 EAN PF 4007841 033590
 EAN DALI 4007841 033606
 EAN KNX 4007841 033613*

*Technical specifications in the KNX brochure

The specialist for high-bay warehouses.
And the highest level of surveillance quality.
IS 345 MX Highbay

High-bay warehouses often have narrow aisles and high ceilings. Too high for most sensors. We have just the right solution: the IS 345 MX Highbay infrared motion detector was specially developed for mounting at heights of up to 14 m and for precision detection between narrow aisles. Perched up there, it gives you surveillance quality at the highest level, literally. So in the future, you can confidently set your sights higher when it comes to sensor systems! Now also available for concealed installation.



Technical specifications

Power supply COM1 / PF / DALI: 220 - 240 V, 50 / 60 Hz
 Output COM1: max. 2000 W, maximum of 8 fluorescent lamps / LED lamps C < 176 µF
 Output DALI: 1x 2-conductor DALI control line / broadcast for 30 electronic ballasts
 Output PF: 50-240 V, 10 A
 Sensor technology: passive infrared
 Angle of coverage: corridor with 9° angle of aperture
 Mounting height: 4 - 14 m
 Reach: 30 x 4 m radial
 Twilight setting: 2 - 2000 lux

Time setting: COM1, PF, DALI: 5 sec - 15 min
 DALI user-friendly function: basic light level 0 - 30 min, all night 10 - 50%
 IP rating / protection class: IP 54 / II
 Temperature range: -20°C to +50°C
 Material: UV-resistant plastic
 Accessories: remote control RC5, RC8, Smart Remote

EAN DALI 4007841 010591
 EAN KNX 4007841 011666*
 EAN LiveLink 4007841 009731

Concealed, square (78x94x94 mm)
 EAN COM1 4007841 033910
 EAN PF 4007841 033927
 EAN DALI 4007841 033934
 EAN KNX 4007841 033941*

IS 345 MX Highbay
Surface-mounted, square (66x95x95 mm)
 EAN COM1 4007841 010492
 EAN PF 4007841 010522

*Technical specifications in the KNX brochure

Great performers for industry and business.
 100% surveillance over up to 500 m².
IS 3180

These sensors are the perfect choice when it comes to protecting industrial and business premises and making them secure. So it is important to have far-sighted guards that instantly respond to any movement. The IS 3180 is made for the job. The IP 54 rating reliably protects its inner values: featuring top-calibre components such as two precision modular pyro sensors and multi-lens, it watches over almost every last inch of areas measuring a good 500 m². The concealed installation sensor that combines everything that's important to electrical fitters and security personnel.

-  180°
-  max. 20m
-  2-2000 Lux
-  5sec-15min
-  **5 JAHRE GARANTIE**
functional warranty



Interfaces for COM1, PF, DALI and KNX.

Swivelling multi-lens with 2 reaches of 8 - 20 m or 4 - 8 m.



High-precision 180° infrared sensor.

Watches over up to 500 sq.m.

Technical specifications

Power supply COM1 / PF / DALI: 220 - 240 V, 50 / 60 Hz
 Output COM1: max. 2000 W, maximum of 8 fluorescent lamps / LED lamps C < 176 µF
 Output DALI: 1x 2-conductor DALI control line / broadcast for 30 electronic ballasts
 Output PF: 50-240 V, 10 A
 Sensor technology: passive infrared
 Angle of coverage: 180° with 90° angle of aperture
 Reach: basic setting 1: 8 - 20 m, basic setting 2: 4 - 8 m
 Twilight setting: 2 - 2000 lux

Time setting: COM1, PF, DALI: 5 sec – 15 min
 DALI user-friendly function: basic light level 0 - 30 min, all night 10 - 50%
 IP rating / protection class: IP 54 / II
 Temperature range: -20°C to +50°C
 Material: UV-resistant plastic
 Accessories: remote control RC8, RC5, Smart Remote

IS 3180

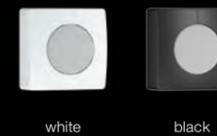
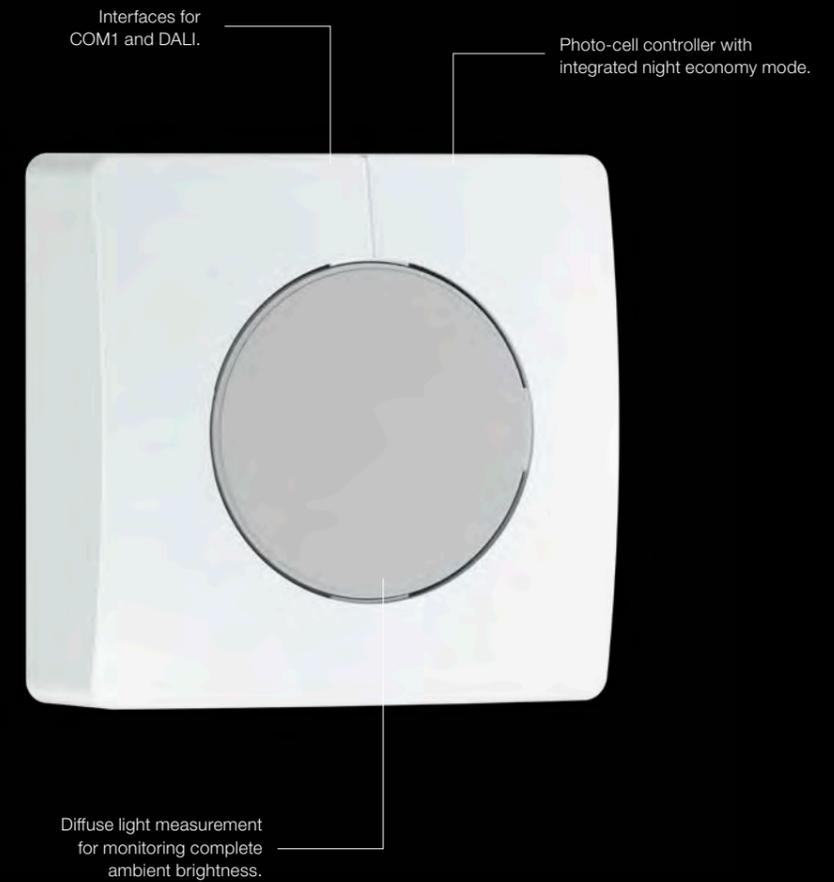
Surface-mounted, square (95x95x66mm)
 EAN COM1 4007841 009113
 EAN PF 4007841 010508
 EAN DALI 4007841 010553
 EAN KNX 4007841 011628*

*Technical specifications in the KNX brochure

Night illumination as the mood dictates.
 And exactly so.
NM 5000-3

Lighting generates emotions! Dramatic shop windows staged with lighting accents, and hoardings or building facades attract the attention of the observer and project the image of the owner. All automatically. Whenever the day goes to sleep, NightMatic 5000-3 wakes up and controls the finest lighting effects. Exactly when it really makes sense to and is wanted, thanks to the numerous setting options. On the technical side, the NightMatic 5000-3 comes with innovative, diffuse light measurement. This detects the level of light in its entire surrounding, taking better measurements than conventional light sensors. A must for budget-conscious management accountants and electricians.

 **5 JAHRE GARANTIE**
 2 - 1000 Lux functional warranty



Technical specifications

Power supply COM1 / DALI:
 220 - 240 V, 50 / 60 Hz
 Output COM1: max. 2000 W, maximum of
 8 fluorescent lamps / LED lamps C < 176 µF
 Output DALI: 1x 2-conductor DALI control line /
 broadcast for 30 electronic ballasts
 Sensor technology: photodiode
 Angle of coverage: Diffuse
 Twilight setting: 2 - 1000 lux
 IP rating / protection class: IP 54 / III
 Temperature range: -20°C to +50°C
 Material: UV-resistant plastic

NM 5000-3

Surface-mounted, square (95x95x42 mm)
 EAN white COM1 4007841 011697
 EAN white DALI 4007841 011703
 EAN black COM1 4007841 011680
 EAN black DALI 4007841 033729



If you say light, you should also say sensor.
An insight that we are glad to share.

The new benchmark.
Now with basic light.
RS PRO LED R1

Meeting great expectations on aesthetic appeal and technology is actually quite hard to do on a tight budget. We have managed to do precisely this balancing act with the RS PRO LED R1. This is where attractive design meets cutting-edge LED and high-frequency sensor technology in STEINEL quality. Including Easy Install function and pleasant basic light. And all at a truly attractive price. You'll be surprised. And then stunned.

| | | | | | | | |
|-------------------------|------------------|------------------------|---------------------|------|---------|--------------|----------------|
| LED | 11w | | | | | | |
| 30 years (Ø4,5h/day) | 890lm 81 lm/W | 3000K neutral-white | 4000K warm-white | 360° | Ø1 - 8m | 2 - 2000 Lux | 5 sec - 15 min |

| | | | |
|-----------------|------------------|-----------------|-------------------------|
| | | | 5 JAHRE GARANTIE |
| Softlicht-start | basic brightness | manual override | functional warranty |



Easy-install concept for fast installation.

STEINEL LED system.

Basic light level: 20%, optionally selectable.

Integrated 360° high-frequency sensor with Ø 8 m reach.



white



silver



Technical specifications

Dimensions: (H x W x D): ø 270 x 70 mm
Power supply: 220 - 240 V, 50 / 60 Hz
Output: 11 W
Brightness: 890 lm
Efficiency: 81 lm/W
Colour temperature: 3000 K, 4000 K / SDCM 3
Colour rendering: Ra ≥ 80
LED life expectancy: 50,000 h (L70B10 to LM80)
LED cooling system: Passive Thermo Control
Sensor technology: high frequency
Angle of coverage: 360°
Reach: Ø 1 - 8 m
Twilight setting: 2 - 2000 lux

Time setting: 5 sec- 15 min
Basic light level: optional, 20%
Soft light start: Yes
Manual override: 4 hours, selectable
IP rating / protection class: IP 20 / II
Material: UV-resistant plastic
Temperature range -10°C to +50°C

RS PRO LED R1

3000 K
EAN white 4007841 728323
EAN silver 4007841 007377

4000 K
EAN white 4007841 728354
EAN silver 4007841 007378

Quality and service



STEINEL Brand

- STEINEL has been specialising in sensor technology for over 25 years
- German engineering
- Produced in Europe



5 years of warranty are a long time.
Not for our products.

Everything we sell isn't only developed in-house but made by us too. And only in Europe. We also check every STEINEL product for perfect working order before it leaves the factory. This way, we can guarantee the origin, perfect quality and long life of every product we deliver. With this in mind, we send out a signal that's seen nowhere else in the industry: a 5-year functional warranty on all products from STEINEL Professional.



Certified Quality



For us, it goes without saying that all products from STEINEL comply with European safety standards. Despite involving a huge effort and not always easy from a technical point of view, we're never deterred. Because it's all worth it.

So you get certified quality – every step of the way.



Needless to say, our management system holds certification under Quality Standard DIN EN ISO 9001 and Environmental Management Systems Standard DIN EN ISO 14001



STEINEL Customer Service

- Phone: +49 (0)5245 448 188
- E-mail: service@steinel.de
- Monday – Friday 8 a.m. – 5 p.m.



www.steinel.de

- Product overview
- Operating instructions available to download
- Product videos



STEINEL Replacement Parts Service

- Availability guaranteed for genuine STEINEL parts



Free planning service

- PROLog / DIALux / Relux
- Phone: +49 (0) 5245 448 307
- Fax: +49 (0) 5245 448 308
- E-mail: objekte@steinel.de



STEINEL Academy

- our own Training Centre in Herzebrock is available to you and our mutual customers
- Phone: +49 (0) 5245 448 0
- E-mail: academy@steinel.de



STEINEL near you

- Our own field staff are your direct contacts
- Individually tailored POS modules boost awareness and sales.

