

The digital sensor light system from STEINEL.

Connected Lighting.

Intelligent lights, sensors and components with built-in Bluetooth Mesh for maximum CO2 and energy savings.



Our Mission.

The best and most cost-effective energy is energy that is not consumed in the first place. It is crucial for the success of the energy transition to utilise electricity and heat even more efficiently. Energy efficiency plays an indispensable role in achieving our climate targets and protecting the environment. STEINEL relies on state-of-the-art LED technology, which inherently enables considerable energy savings. In addition, integrated sensor technologies and intelligent networking of the lights ensure that light is only switched on when it is actually needed, thus avoiding permanent illumination of unused areas.

Connected Lighting

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Connected Lighting - wireless light management for new construction and renovation.



Components

Extension of the system by switches, dimmers and relays possible and cross-system Control via BT/ Dali gateway or switch actuator.



STEINEL Connect app with sequencer function

You can use the STEINEL Connect app to commission and adjust individual components, products, entire lighting groups and complete projects. Updates and new functions can also be easily installed via the app. The sequencer function turns Connected Lighting into a light management system - this can be used to set various scenarios depending on the day and time.



Connected Lighting explained directly.



Presence detector

Cross-range networking is possible via Bluetooth Mesh.



Lights with integrated motion sensors

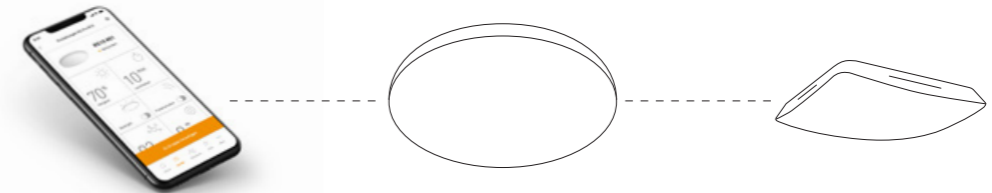
Simple 230 V connection, no bus voltage or gateways required. All products communicate wirelessly via Bluetooth Mesh and can therefore be intelligently adjusted and networked. If one product fails, the rest of the system continues to run stably.

How Connected Lighting works: simple planning, installation, and networking.

As the global standard for wireless data Bluetooth is used practically everywhere. It is easy to use and the transmission is encrypted and without a gateway.

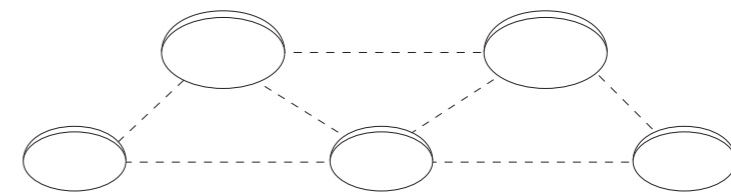
More than 100 STEINEL products can now be set, operated and networked via Bluetooth. **For more flexibility, convenience and energy efficiency.**

1. Bluetooth Mesh



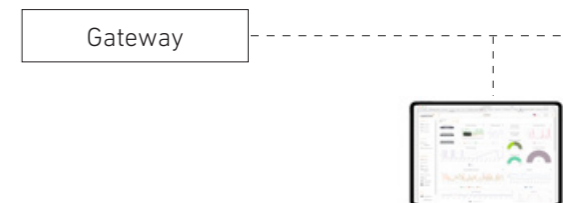
Instead of laying complex cables, several lights are simply connected to each other via the STEINEL Connect app and combined into lighting groups thanks to Bluetooth Mesh.

2. Lighting Intelligence



Intelligent network. Easy networking combined with intelligent control offers the opportunity for even greater energy savings and efficiency. High sensor density and networking enable intelligent lighting control with high savings potential. Never before has intelligent lighting control has never been so easy.

3. Bluetooth IoT



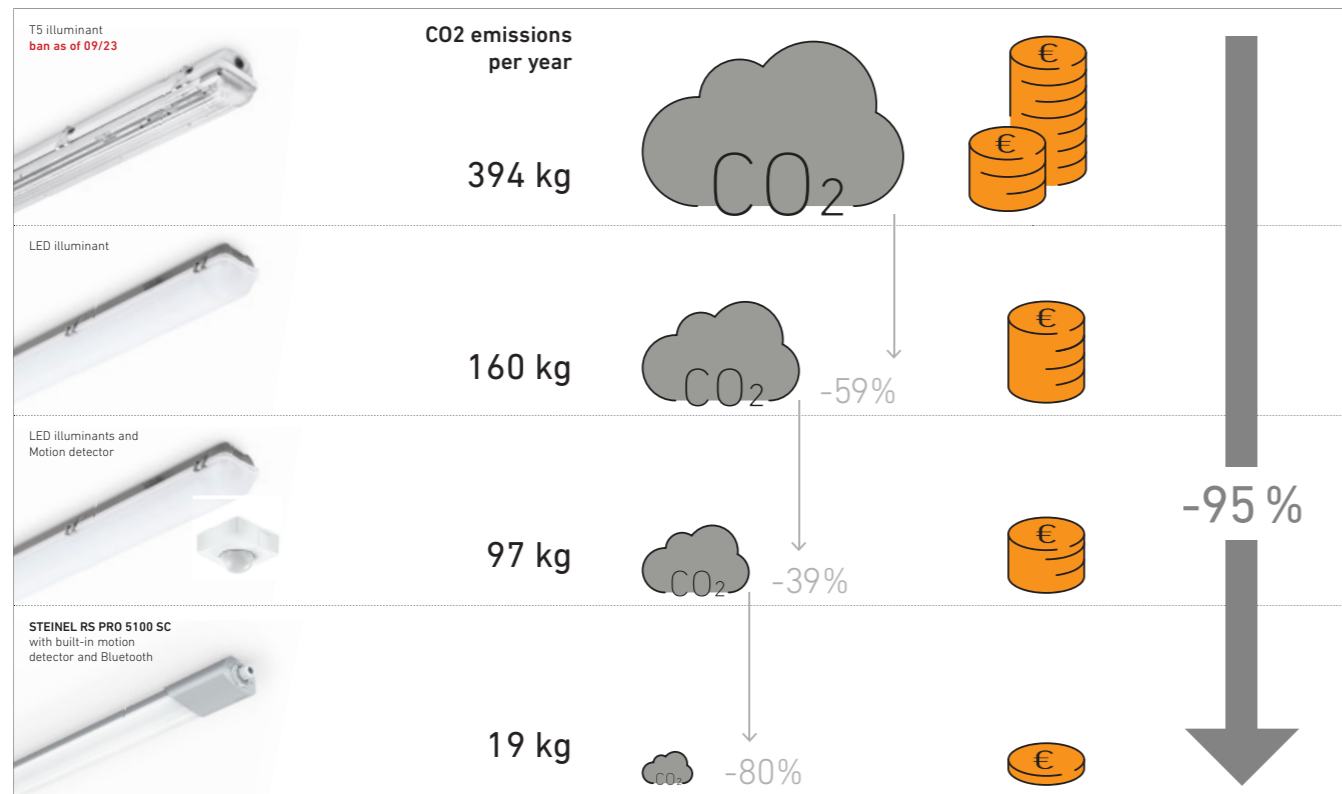
Luminaires with integrated motion sensors

Simple 230 V connection, no bus voltage or gateways required. All products communicate wirelessly via Bluetooth Mesh and can thus be intelligently adjusted and networked. If one product fails, the rest of the system continues to run stably.

For over 30 years, our sensor lights have been saving energy. Now we're going one step further.

Connected Lighting is a luminaire system that revolutionizes the lighting sector in terms of comfort, energy savings and safety. As a technology leader in sensor technology in combination with modern LED technology, we are using our exper-

ience together with the new Bluetooth Mesh standard as the basis for the lighting innovation of the future. The result: **STEINEL Connected Lighting with integrated control system ensures energy savings of up to 95 %.**



Specification per luminaire and year. Independent measurements by Swiss Lighting Society | Source: INEC Institute, Steinel

1. Bluetooth

The Bluetooth Mesh Standard provides the basis for secure and simple networking - without any additional cables.

2. Light

The luminaires we develop and built set the benchmarks in energy efficiency, luminous efficacy and durability.

3. Sensors

In the field of sensor technology, we are innovation leaders and have the right sensor technology for every application.

Technology that convinces. Connected Lighting is a stable system that you can rely on.

In addition to the noticeable cost and energy savings, the Connected Lighting system offers another decisive advantage: the simplicity and associated reliability of the technology. Where a KNX bus fails due to the size of the area, Connected Lighting continues to run. Dieter Gschwentner, Head of the Infrastructure

Department at Salzburg Airport, explains how a Bluetooth lighting control system can replace KNX and DALI.



Watch the video



What are the advantages of the new Bluetooth Mesh standard?

The new Bluetooth SIG Mesh standard is **manufacturer-independent**. This ensures 100% compatibility with products from other manufacturers.

Proprietary systems (often) use a standard key - if this is accidentally published, anyone can theoretically gain access to the system. With the new SIG Mesh, this key is generated individually for each network and thus ensures **maximum security**.

The structure of the Bluetooth SIG Mesh standard now makes it possible to make **changes or updates to the entire network** - previously, each product had to be changed individually.

The configuration of intelligent systems (such as group networking, neighbour group management) is much easier and faster.

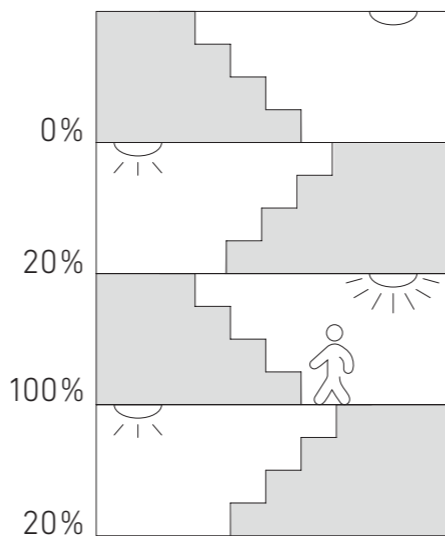
Connected Lighting - packed with features.



Neighbour Group Function

The Neighbour Group Function ensures that paths are safely illuminated without unnecessarily lighting up the entire building. This keeps it bright where people are moving – and dark where there's no need for light.

- If a luminaire detects movement, it activates its own group.
- Adjacent groups automatically switch to basic light level.
- Light leads the way for people moving around the building, while groups further away remain off.



Integrated Lighting Management System

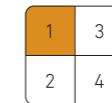
- Constant-light control for a consistent brightness level
- Optional adjustable basic light level
- Soft light start for gentle fade-up/dimming up



Scheduler

The Scheduler function enables predictive, automated lighting control, increasing comfort, efficiency and planning reliability.

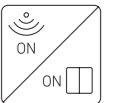
- Time- and day-based lighting control
- Individual settings for light levels, duration and basic light level



Push-button integration

Enables manual control of the Connected Lighting system – switching, dimming and scenes.

- Wired push-button input
- Wireless radio push-buttons via Bluetooth Mesh
- Wireless integration of existing switches via a Bluetooth Mesh push-button coupler



Operating modes

Via push-button integration, presence detectors and luminaires can be flexibly controlled in fully or semi-automatic mode.

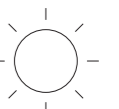
- Manual switch-on independent of presence
- Automatic switch-off based on time or brightness
- Combination of automatic and manual control



Data backup

Data can be backed up either locally or conveniently in the cloud. The free cloud backup offers the following benefits:

- Information is available anytime, anywhere
- Invite additional project participants
- Roles & permissions can be assigned flexibly
- Maximum security thanks to European servers



LUX Teach

Setting the twilight threshold or the setpoint for constant-light control – based on automatically measured light values, either now or at a defined time.

A system with advantages for all involved.

Connected Lighting creates many benefits, from planning installation and building maintenance.

Planner

- Light, motion detector and brightness meter in one
- Networking, grouping, neighbor function - without additional wiring
- Complete luminaire system with integrated sensor technology
- Suitable for use in new construction and renovation
- Emergency lighting variants for the planning of escape and rescue routes
- Suitable for operation on central battery systems
- One system for indoor and outdoor

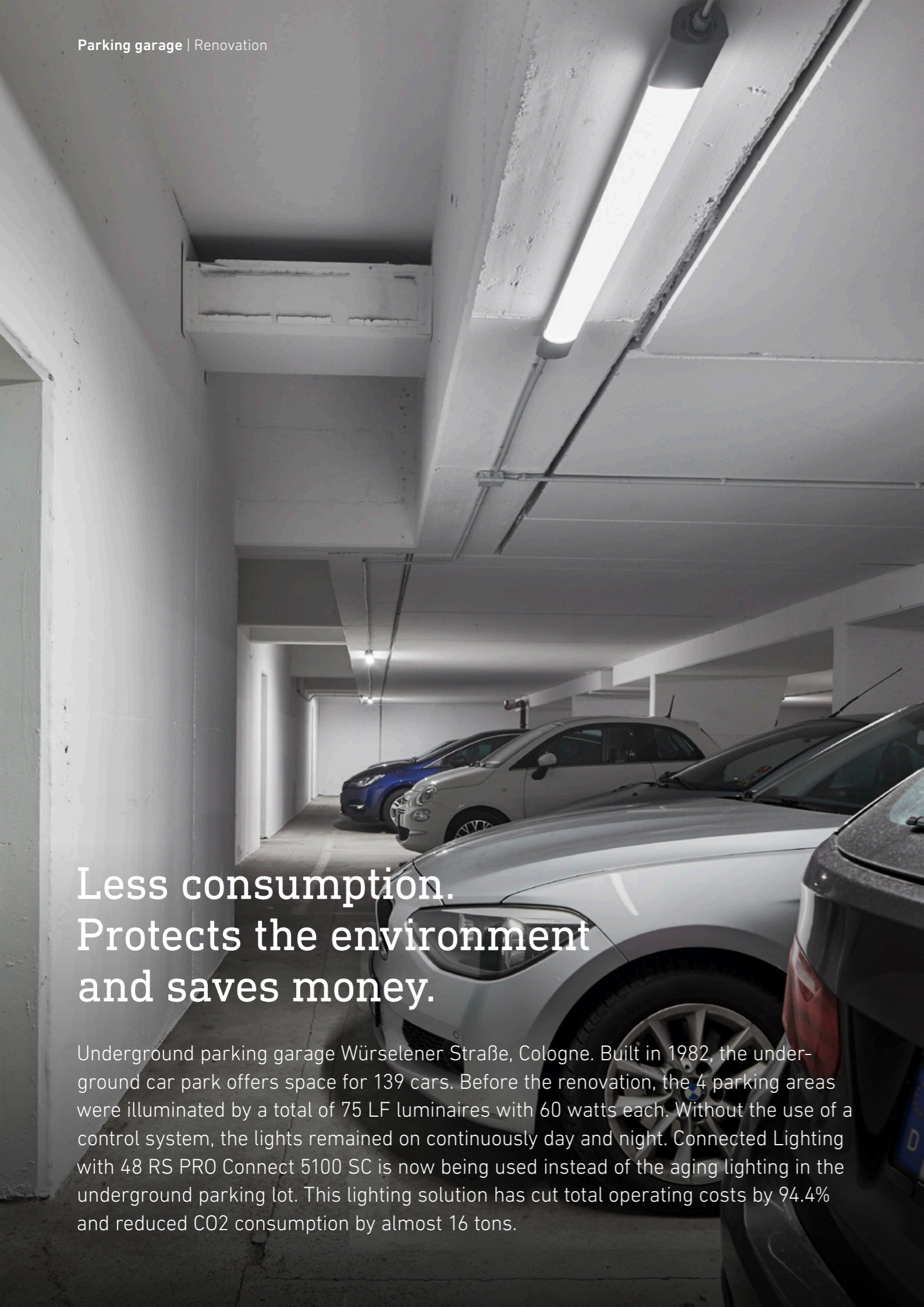
Installers

- Easy installation: the luminaire only needs to be connected to 230 V
- Tool-free commissioning via the STEINEL Connect App
- Wirelessly adjustable and networkable, easy creation of luminaire groups
- Emergency lighting module can be retrofitted without tools, certified according to DIN EN60598-2-22

Operator

- Top efficiency of up to 140 lm/W
- Up to 95% savings in electricity and maintenance costs
- Eligible for federal funding for efficient buildings (BEG)
- Comfortable lighting system
- Future-proof due to Bluetooth / possible IOT connection
- Extremely durable LED light
- 5 years manufacturer warranty





Less consumption.
Protects the environment
and saves money.

Underground parking garage Würselener Straße, Cologne. Built in 1982, the underground car park offers space for 139 cars. Before the renovation, the 4 parking areas were illuminated by a total of 75 LF luminaires with 60 watts each. Without the use of a control system, the lights remained on continuously day and night. Connected Lighting with 48 RS PRO Connect 5100 SC is now being used instead of the aging lighting in the underground parking lot. This lighting solution has cut total operating costs by 94.4% and reduced CO2 consumption by almost 16 tons.

RS PRO 5100/5150 SC V2

Bluetooth MESH



Length 5100: 1370 mm
Length 5150: 1500 mm

LED-Moisture-proof luminaire

- Sliding holder for easy mounting
- max, 42 W, 5940 lumen
- 4000 K neutral white
- 137 lm/W
- Mounting height max. 3.5 m

Sensor

- For rugged applications IP65 / IK07
- LED 68.000h | L80B10
- Basic light 10-100 %
- Main light 10-100 %
- Throughwiring

- 360° HF sensor, 24 GHz
- Ø 10 m range
- Shielding plate included
- No unintentional switching off

Connectivity

- Wireless networking via Bluetooth mesh
- Adjustable via APP
- Light ahead thanks to neighbor function
- Group parameterization



Previously, 139 parking spaces in four parking areas were illuminated with 75 fluorescent lamps. Now 48 RS PRO 5100 Connected Lighting luminaires ensure greater safety and maximum energy savings.

Before renovation

Energy consumption with continuous lighting	[kWh]	33.636,74
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After renovation

Energy consumption through lighting control	[kWh]	1.796,7
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Energy saved	[kWh]	31.840
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CO2 emissions saved	[t]	15,9
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Reduction of total cost of ownership	[%]	94,4
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Return of Invest	[Years]	<2
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<2

Amortization costs for Lighting under 2 years.

-15,9^t

94% less energy consumption and 15.9 tons less CO2.

94%

Energy saving with up to 80% higher light level.

Order details

RS PRO 5100 SC V2 with sensor, 3- wire, 4000 K	4007841 091453
RS PRO 5100 SC V2 with sensor, 3- wire, 3000 K	4007841 087524
RS PRO 5100 SC V2 with sensor, 3- wire, 1800 K	4007841 091439
RS PRO 5100 SC V2 with sensor and emergency light, 4000 K	4007841 091460
RS PRO 5100 SC V2 with sensor, 5- wire, 4000 K	4007841 082017
RS PRO 5150 SC V2 with sensor, 3- wire, 4000 K	4007841 091477
RS PRO 5150 SC V2 with sensor, 3- wire, 3000 K	4007841 087531
RS PRO 5150 SC V2 with sensor, 3- wire, 1800 K	4007841 091446
RS PRO 5150 SC V2 with sensor and emergency light, 4000 K	4007841 091484
RS PRO 5150 SC V2 with sensor, 5- wire, 4000 K	4007841 082000



About the series



Attractive linear luminaires - visually, technically and energetically.

Our two new RS PRO 5500 / 5550 SC linear luminaires cut an excellent figure in industrial environments as well as in passageways and office environments. In addition to their attractive appearance, their inner values are also impressive. The luminaires offer pleasant lighting comfort and are also a shining example of exemplary energy efficiency - also, but not only, thanks to the Bluetooth-based benefits of STEINEL Connected Lighting. Thanks to new high-frequency technology with 24 GHz, detection ends at the wall. Added to this is the centimetre-precise range setting, which in turn ensures even greater detection sensitivity.

RS PRO 5500/5550 SC

 **Bluetooth® MESH**



Length 5500: 1200 x 164 x 75 mm
Length 5550: 1500 x 164 x 75 mm

LED-Linear luminaire

- Sliding brackets for easy mounting
- max. 43W, 6163 Lumen
- 3000K / 4000K
- max. 141,7 lm/W
- Mounting height max. 4 m

- Impact-resistant for robust applications IK07
- LED 60.000h | L80B10
- Basic light 10-100 %
- Main light 10-100 %
- 3-pole through-wiring

Sensor

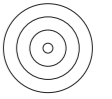
- 360° HF sensor, 24 GHz
- Ø 8 m Reach
- No unintentional switching off

Connectivity

- Wireless networking via Bluetooth Mesh
- Adjustable via app
- Travelling light thanks to neighbour function
- Group parameterisation



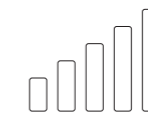
For better repairability and the longest possible service life, the lights have a deliberately modular design. This means that the sensor, control gear, LEDs, emergency lighting battery and emergency lighting control gear can be replaced as spare parts by a specialist in addition to the canopy.



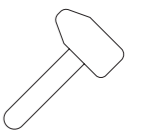
360° sensor with new 24 GHz high-frequency technology that does not detect through walls.



Sensor range
max. Ø 8 m



Pleasant
Soft light start



Impact-resistant
IK07 light

Order details

RS PRO 5500 SC, warm white, with sensor and Bluetooth	4007841 087289
RS PRO 5500 SC EM, warm white, with sensor, Bluetooth and emergency light	4007841 087272
RS PRO 5500 SC, neutral white, with sensor and Bluetooth	4007841 086084
RS PRO 5500 SC EM, neutral white, with sensor, Bluetooth and emergency light	4007841 086862
RS PRO 5550 SC, warm white, with sensor and Bluetooth	4007841 087302
RS PRO 5550 SC EM, warm white, with sensor, Bluetooth and emergency light	4007841 087296
RS PRO 5550 SC, neutral white, with sensor and Bluetooth	4007841 086091
RS PRO 5550 SC EM, neutral white, with sensor, Bluetooth and emergency light	4007841 086879



To the series



Less consumption.
Protects the environment
and saves money.

Pioneering efficiency and sustainability - this is how our new RS PRO 6150 circular SC luminaire presents itself. The low-maintenance, modular luminaire is made from 99% recycled plastic. If the components designed for a particularly long service life, such as the sensor, power supply unit or LED card, should ever stop working, they can be easily replaced. The basic light function and intelligent sensor technology reduce the running times of the lighting components, further increasing their service life. And to close the loop at the end, thanks to the take-back concept, every luminaire is returned to the material cycle at the end of its long product life. Put your hand on it!

RS PRO 6100/6150 circular SC

 **Bluetooth® MESH**



Length 6100: 1200 x 90 x 80 mm
Length 6150: 1500 x 90 x 80 mm

LED-Linear luminaire

- Sliding brackets for easy mounting
- max. 43W, 6412 Lumen
- 4000K neutral white
- 147 lm/W
- Mounting height max. 4 m

Sensor

- For robust applications IP65 / IK08
- LED 68.000h | L80B10
- Basic light 10-100 %
- Main light 10-100 %
- 3-pole through-wiring

- 360° HF sensor, 24 GHz
- Ø 8 m Reach
- No unintentional switching off

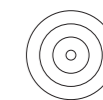
Connectivity

- Wireless networking via Bluetooth Mesh
- Adjustable via app
- Travelling light thanks to neighbour function
- Group parameterisation



A sustainable cooperation

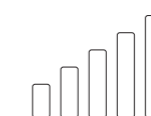
Intelligent, sensor-based lighting control for maximum energy and CO2 savings paired with a luminaire that has a recycled content of 99% and is also repairable - we have realised this combination with our cooperation partner PRACHT.



360° sensor with new 24 GHz high-frequency technology that does not detect through walls.



Sensor range
max. Ø 8 m



Pleasant
Soft light start



Impact-resistant
IK08 light

Order details

RS PRO 6100 SC, with sensor and Bluetooth

4007841 089832

RS PRO 6100 SC EM, with sensor, Bluetooth and emergency light

4007841 089849

RS PRO 6150 SC, with sensor and Bluetooth

4007841 089856

RS PRO 6150 SC EM, with sensor, Bluetooth and emergency light

4007841 089863



To the series



Quick installation and commissioning thanks to Connected Lighting.

Luminaires and separate motion detectors were originally planned for a residential complex in Nuremberg. However, when the project was awarded, it quickly became clear that the A-Series with integrated sensor and Bluetooth-enabled Connected Lighting was the better choice. On the four floors, the combination of basic lighting functions and predictively controlled luminaire groups ensures a high level of comfort with significantly shorter installation times. In addition, R-series luminaires in the stairwells are also networked via Bluetooth, creating a complete lighting network that ensures a high level of comfort while keeping energy costs low.

RS PRO A-Series Bluetooth® MESH



Luminaire

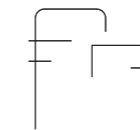
- 3 sizes, 2 housing colours
- 2 light colours
- Impact-resistant IK10
- Basic/main light 0-100 %
- Connection to central battery systems

Sensor

- Mounting height max. 4.00 m
- 360° HF sensor
- Ø 8 m range
- No unintentional switching off

Connectivity

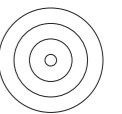
- Wireless networking via Bluetooth Mesh
- Adjustable via app
- Travelling light thanks to neighbour function
- Group parameterisation



All group and luminaire settings are made directly in the app

55x RS PRO A30 SC luminaires were installed in the arcades on 4 floors. The residents can reach their flat doors comfortably and safely thanks to the travelling light.

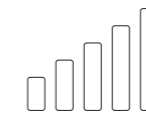
Available in three sizes and in the housing colours white and anthracite, the A series is ideally equipped for any application. All lights are also available with neutral or warm white light.



Integrated 360° high frequency sensor



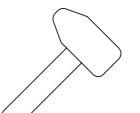
Adjustable main and ambient light



Pleasant soft light start



IP54, Weatherproof



Impact-resistant IK10 light

Order details

- RS PRO A10 SC, 3000 K, anthracite
- RS PRO A10 SC, 3000 K, white
- RS PRO A20 SC, 4000 K, anthracite
- RS PRO A20 SC, 4000 K, white
- RS PRO A30 SC, 4000 K, anthracite
- RS PRO A30 SC, 4000 K, white

- 4007841 085315
- 4007841 088316
- 4007841 085322
- 4007841 088323
- 4007841 085346
- 4007841 088347



To the series



Increase building efficiency, Reduce costs and feel safe and secure throughout the home.

Steinacker residential complex, Zurich. The three buildings with a total of 48 residential units were renovated in 2019. In the course of this, the floor lighting on 5 floors each was also completely changed. The previous E27 luminaires had to be checked often and had an open light shade that was cleaned frequently. The R20 luminaires now installed, with a warm white light, do not require this maintenance. At the same time, 19 emergency lighting modules are now installed, which meet the legal requirements for escape and rescue routes.

RS PRO R-Series



 **Bluetooth® MESH**

Luminaire

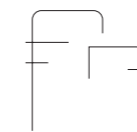
- LED sensor interior lights
- 2 light colors
- Impact resistant IK07
- LED 60.000h | L80B10
- Basic light 0–100 %
- Main light 0–100 %
- Adjustable fade times when switching on / off
- Backlight function
- Soft light start
- Optional emergency light module (battery)
- Suitable for operation on a central battery system

Sensor

- 360° HF sensor
- Ø 1–10 m Range
- Shielding plate inclusive
- No unintentional Switching off

Connectivity

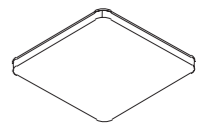
- Wireless networking via Bluetooth Mesh
- Adjustable via APP
- Neighbor function
- Group parameterization



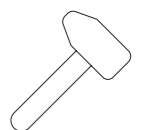
15 floors were lit with 105 E27 luminaires and light switches. Maintenance was intensive and there was often up to 24 hours of continuous light. Now 91 R20 luminaires provide significantly more comfort and lower costs.



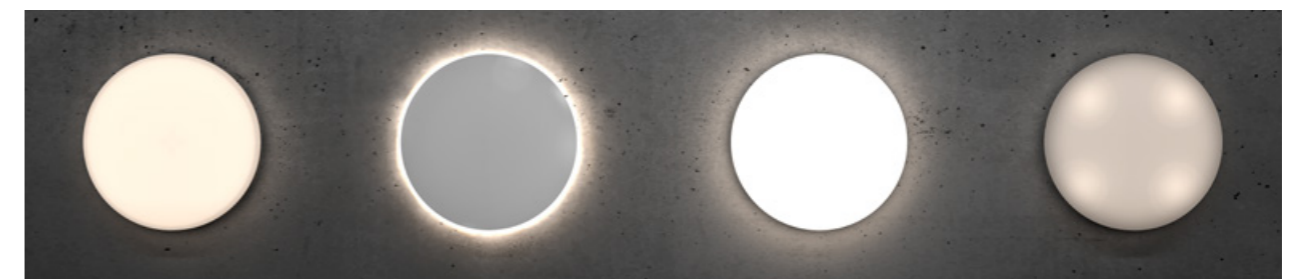
Optional emergency light module for the RS PRO R series, automatically switches an LED emergency light (107 lm) according to EN 60598-2-22 for 3 hours in case of a power failure. The module is simply plugged into the luminaire by Plug & Play.



Also available in square design with the same mounting module.



Impact resistant IK07 luminaire cover against vandalism.



4 light functions (basic, back, main and emergency light)

Order details

- RS PRO R20 plus, round, with backlight, 4000 K
- RS PRO R20 plus, rund, mit Backlight, 3000 K
- RS PRO R20 plus, square, with backlight, 4000 K
- RS PRO R20 plus, square, with backlight, 3000 K

- 4007841 067724
- 4007841 067755
- 4007841 067731
- 4007841 067748



About the series



Cross-linkable luminaires that work even under the toughest conditions function reliably.

The S-Series with Bluetooth Mesh is used whenever high impact resistance and protection against vandalism are required. In addition to the external highlights, the reliable Bluetooth Mesh technology inside ensures simple and wireless networking of the luminaires. In this way, groups of luminaires can be formed to provide light ahead, while illuminating stairwells, corridors and hallways with maximum energy efficiency and safety.

RS PRO S-Series Bluetooth MESH



Luminaire

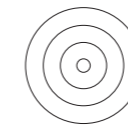
- LED sensor interior lights
- Impact resistant IK07 (RS PRO S20 SC)
- Basic / main light 7–100 %
- Adjustable fade times when switching on / off

Sensor

- 360° HF sensor
- Ø 1–8 m Range
- Shielding plate included
- No unintentional switching off

Connectivity

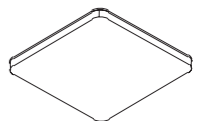
- Wireless networking via Bluetooth Mesh
- Adjustable via APP
- Neighbor function
- Group parameterization



The integrated 360° high-frequency sensor switches the light without delay. Adjacent rooms can be blanked out from detection via the shielding plates - another step against light pollution.



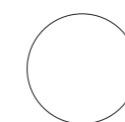
Setting and networking are easy via Connect App and thanks to the neighbor group function, light can be set ahead. For adjustments and security, there are three roles (admin, installer, user).



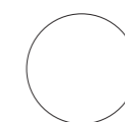
Also available in square design.



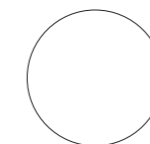
Impact resistant IK10 cover with IP65 luminaire version.



S10
Ø 300 mm



S20
Ø 300 mm



S30
Ø 350 mm



S30 Q
331x331 mm

2 shapes, 2 light colors and 3 luminaire covers.

Order details

- RS PRO S10 SC PC, IK07, 3000 K
- RS PRO S20 SC IP65, IK10, 3000 K
- RS PRO S30 SC PMMA, IK07, 3000 K
- RS PRO S30 Q SC, IK07, 3000 K

- 4007841 081096
- 4007841 079789
- 4007841 068059
- 4007841 067526



About the series



Intelligent light is now also finding its way into suspended ceilings.

Intelligent lighting control is increasingly being considered as early as the building planning stage. For example, sensor-controlled lighting should be considered in suspended ceilings in corridors, stairwells, WCs, and functional and ancillary rooms. To provide the best possible lighting for users, many architects want to use two different light colors (neutral white in utility rooms and warm white in corridors). STEINEL downlights with Connected Lighting and the ability to change light color by DIP switch meet all requirements in a single product.

RS PRO DL-Series

Bluetooth® MESH



Luminaire

- LED sensor recessed ceiling light
- 2 sizes (150, 200 mm)
- 3 light colors selectable via DIP switch 3000 / 4000 / 5700 K
- Room side IP54
- LED >54.000 h | L80B10
- Basic light 15–100 %
- Main light 15–100 %
- Fade time
- Installation height max. 4 m

Sensor

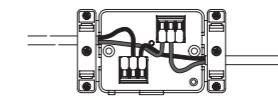
- 360° HF sensor
- Ø 7 m Range
- No unintentional Switching off

Connectivity

- Wireless networking
- Adjustable via APP
- Light ahead thanks to neighbor function
- Group parameterization



Special adapter ring for existing holes in the renovation.



The downlights can be easily connected via Wago terminals.



The color temperature is changed via DIP switch directly on the downlight.



The RS PRO DL 200 SC has a light output of more than 120 lm/W

The luminaires are IP54 tested on the room side and are protected against dust and splash water. This means that they can also be used in WCs.

Order details

RS PRO DL 150, with sensor and Bluetooth Mesh
 Adapter ring for DL 150
 RS PRO DL 200, with sensor and Bluetooth Mesh
 Adapter ring for DL 200

4007841 084998
 4007841 087364
 4007841 085292
 4007841 087371



About the series




Floodlights that impress with high efficiency and long service life.



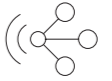




The LED sensor floodlight XLED PRO Expanse SC illuminates even the most hidden corner. With three powerful light panels, it provides wide-angle panoramic illumination that bathes even hard-to-reach areas in bright light. Up, down, right or left: the floodlight is fully rotatable, tiltable and lockable, allowing it to be flexibly adapted to the specific situation – for greater safety and orientation around the building. The sensor reliably detects movement – and with Eagle Eye Technology, the detection area is additionally supported as you approach the sensor. Setup and commissioning are quick and easy via the STEINEL Connect App.


XLED PRO Expanse-Series



XLED PRO Expanse XLED PRO Expanse S XLED PRO Expanse SC Bluetooth MESH

- | | | |
|---|--|--|
| <p>Light</p> <ul style="list-style-type: none"> • Wide-angle panoramic illumination from three high-performance LED light panels – ideal for yards and driveways • High light output of 1642 lumens, 15.1 W in warm white light (3000 K) • Flexibly adjustable: the floodlight is fully rotatable, tiltable and lockable • Robust design with IP54 protection and IK03 impact resistance • L' output: connection and control of external luminaires | <p>Sensor</p> <ul style="list-style-type: none"> • Reliable motion detection with a 240°/270° detection angle and 12 m range • Eagle Eye Technology on the SC variant expands the individual detection area when approaching the sensor head-on by up to 200% | <p>of time switch programs, and integration of wireless push-buttons</p> |
| <p>Connectivity on the SC variant</p> <ul style="list-style-type: none"> • Commissioning, settings and networking via Bluetooth Mesh • Comprehensive Connect functionalities, such as control of connected outdoor luminaires, definition | |  |

			
240° / 270°	5 sec. – 60 min	Networkable via cable or Bluetooth	Set up via app
		LED	
max. Ø 12 m	2–2.000 lx	30 years (Ø 4,5 h / day)	max. 6,00 m

Bestelldetails		 About the series
LED Strahler XLED PRO Expanse SC, anthrazit	4007841 093938	
LED Strahler XLED PRO Expanse SC, weiss	4007841 093945	
LED Strahler XLED PRO Expanse S, anthrazit	4007841 091200	
LED Strahler XLED PRO Expanse S, weiss	4007841 091217	
LED Strahler XLED PRO Expanse, anthrazit	4007841 091224	
LED Strahler XLED PRO Expanse, weiss	4007841 091231	



Connected Lighting also provides outside buildings for more comfort and safety.

The outdoor areas of residential quarters provide access to the entrance areas of the individual individual buildings. The GL 85 can be used for the lighting design of the paths. The soft light start of the luminaires creates a pleasant lighting ambience on the paths to the houses. The wireless Bluetooth networking of the luminaires also provides light ahead, so that there are no dark and unlit areas. Matching the path luminaires is the wall luminaire L 845 available.

RS PRO Cube-Series

Bluetooth® MESH



Luminaire

- LED Sensor Wall and Path Light Series
- Path light in two heights (600 / 900 mm)
- Color temperature 3000 K
- 60.000h | L80B10
- Basic light 10–100 %
- Main light 10–100 %
- Soft light start
- Fade time 4 hours permanent light
- Twilight switch

Sensor

- intelligent 160° HF sensor
- Ø 1–5 m Range

Connectivity

- Wireless networking
- Adjustable via APP
- Light ahead thanks to neighbor function
- Group parameterization



Wall and path luminaires provide uniform and safe illumination.



The grouping of the luminaires for light running ahead provides greater safety.



Adjustable overtravel times accompany residents safely all the way inside the building.

„The Cube PRO series is technologically and in design the perfect outdoor lighting.“

Heiner Westphal Jr, Elektro Westphal



About the series

RS PRO L 845 Wall light

with sensor and Bluetooth 4007841 078645
without sensor, with Bluetooth 4007841 078638

RS PRO GL 85 Path light

600 mm, with sensor and Bluetooth 4007841 078669
600 mm, without sensor, with Bluetooth 4007841 078652
900 mm, with sensor and Bluetooth 4007841 078683
900 mm, without sensor, with Bluetooth 4007841 078676

L 825 SC



Luminaire

- LED sensor outdoor light
- Colour temperature 3000 K
- 60.000h | L80B10
- Basic light 10–50 %
- Main light 50–100 %
- Main light
- 4 hours continuous light

Sensor

- Intelligent 160° HF sensor
- Ø 1 - 5 m range

Connectivity

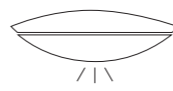
- Wireless networking
- Adjustable via app
- Group parameterisation



160° iHF sensor for fast and reliable motion detection.



Sensor settings on 3 axes with the free STEINEL Connect app.



Downlight with 707 lumens for bright entrance areas or effective wall lighting.

L 825 SC

SC, with sensor and Bluetooth

4007841 059903



To the product

L 40/42 SC



L 40 SC



L 42 SC

Luminaire

- LED sensor outdoor light
- Wall light in two shapes
- Colour temperature 3000 K
- 60.000h | L80B10
- Basic light 5–100 %
- Main light 5–100 %
- Soft light start

Sensor

- Fade-Time
- 4 hours continuous light
- Twilight switch
- 180° IR sensor with coloured lens
- Radius max. 12 m

- Cover clips with intelligent plug-in system for limiting the detection area

Connectivity

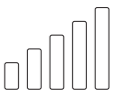
- Wireless networking
- Adjustable via app
- Group parameterisation



Pleasant ambient lighting



High-quality aluminium



Soft light start



10 sec - 60 min



2 - 2000 lx



L 40 SC



L 42 SC

To the products

L 40

SC, with sensor and Bluetooth
C, without sensor, with Bluetooth

4007841 085247
4007841 085230

L 42

SC, with sensor and Bluetooth
C, without sensor, with Bluetooth

4007841 085261
4007841 085254

nexx.IS PRO Series.

Bluetooth MESH



MD IR N130/270



MD IR N360
Ceiling installation



MD IR N360
Surface-mounted




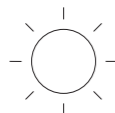





Sensor

- An even closer view of access areas: innovative 'Eagle Eye' technology improves freely selectable detection area with frontal walking direction towards the sensor
- 3 different detection areas: 130° or 270° surface-mounted versions for wall mounting and 360° for the ceiling

- Available with COM1, KNX-Secure and uDIM interfaces (phase dimming and section dimming)
- With uDIM, soft light start and ambient light can now also be used with conventional luminaires. Prerequisite: the light source is dimmable.

Connectivity

- Wireless networking
- All Connect functionalities: Control of connected outdoor lights and wireless push-buttons
- Adjustable via app and definition of timer programmes

		
Surface-mounted	max. 4,00 m	max. 13 m
		
2 – 2000 lx	IP54	Eagle Eye acquisition
<p>MD IR N130, COM1</p> <p>white 4007841 069056</p> <p>anthracite 4007841 069032</p> 	<p>MD IR N270, COM1</p> <p>white 4007841 079819</p> <p>anthracite 4007841 079796</p> 	<p>MD IR N360, Surface, COM1</p> <p>white 4007841 080006</p> <p>anthracite 4007841 079888</p> 

MD IR D180

Bluetooth MESH



Sensor

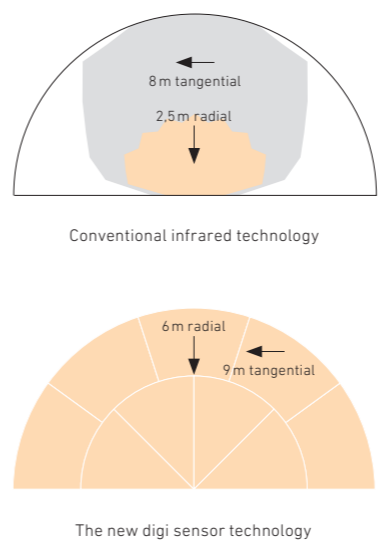





- Flat design for every building
- Infrared sensor technology hidden in the product
- Quality of sensor detection independent of the walking direction

- Sensitivity of the 9 detection areas can be set digitally via the STEINEL Connect app
- 100% secure - commissioning engineer decides on access rights

- 180°, max. 9 m range

Connectivity

- Wireless networking
- Adjustable via APP

<p>A significantly better coverage as conventional infrared motion detectors</p>  <p>Conventional infrared technology</p> <p>The new digi sensor technology</p>			
		180° infrared sensor	Max. radius 9 m
			
		Max. 2 m mounting height	9 detection zones individually adjustable
<p>MD IR D180</p> <p>white 4007841 066109</p> <p>anthracite 4007841 066079</p>		 <p>To the product</p>	

IR Micro Office

Bluetooth MESH



Sensor

- Optimum factory setting for a real mount & forget solution for single rooms
- Precision lens of 15 x 15 mm for up to 36 m² detection
- 4 x 4 m square presence detection with 168 switching zones

- Constant light control for energy-saving and perfect working light
- Integrated DALI Broadcast for up to 20 participants
- Push-button input for manual override

Connectivity

- Wireless networking
- Adjustable via app



DALI-2 Application Controller



360° PIR with square detection



Push-button input for manual override



IR Micro Office

Flush-mounted
Ceiling installation
Surface-mounted

4007841 067151
4007841 067144
4007841 067137



To the product

DALI-2 LuxMaster

LuxMaster stands for the new generation of networked lighting control – DALI-2 controllers that combine bus power supply, sensors and intelligent control in a single device. For precise, quickly configurable lighting management that brings function and design together.



Bluetooth MESH



True Presence®

- 360° high-frequency sensor
- Mounting height max. 12 m
- Range Ø 15 m

EAN 4007841 064495, Flush-mounted
EAN 4007841 064501, Surface-mounted



Bluetooth MESH



Hallway

- 360° high-frequency sensor
- Mounting height max. 4 m
- Range 25 x 3 m

EAN 4007841 086398, Flush-mounted
EAN 4007841 086367, Surface-mounted



Bluetooth MESH



HF 360-2

- 360° high-frequency sensor
- Mounting height max. 4 m
- Range Ø 12 m

EAN 4007841 086619, Flush-mounted
EAN 4007841 086602, Surface-mounted



Bluetooth MESH



IR Quattro HD -2 24 m

- 360° infrared sensor
- Mounting height max. 10 m
- Range 24 x 24 m

EAN 4007841 064372, Flush-mounted
EAN 4007841 064389, Surface-mounted



TTS PRO

- Modern design harmonises with any architecture
- Twilight switch and timer combined in one product, for brightness and time-dependent switching
- Installation saves even more time, as only one product needs to be installed
- Simple commissioning via the free Steinel Connect app
- Wired integration of existing luminaires and wireless integration of Bluetooth Mesh products possible
- Permanently functioning light management even in the event of a power failure thanks to Real Time Clock and 7-day battery storage
- Functions as a timer in the Connected Lighting System with automatic summer and winter time changeover



Bluetooth MESH

Bluetooth System components

Bus functionality during renovation - without any new cables. This is now possible with STEINEL Bluetooth components. The latest mesh version of the proven wireless technology sets completely new standards and is used wherever simple modernisation needs to be implemented quickly and cleanly.

Bluetooth MESH



PB2 / PB4-Wireless pushbutton

- Can be used anywhere, without power supply
- Flexible and easy to retrofit and convert
- Customised control of BT Mesh products

PB2 | EAN 4007841 084653
PB 4 | EAN 4007841 084660



Rotary dimmer RDIM-Bluetooth

- Intuitive switching and dimming of the lighting
- Dimming proportional to the rotational speed

EAN 40078410 67328



Push-button coupler PC4-Bluetooth

- Integration of up to four standard buttons
- Installation in flush-mounted box
- Functions freely programmable via app

EAN 4007841 067342



Relay REL5A-Bluetooth

- Integration of switched loads into the Bluetooth Mesh system
- Installation in flush-mounted box

EAN 4007841 067335



BT-IP Gateway

- Connection of BT Mesh systems to IP networks
- Output of status information of the lights and sensors
- Remote settings & override possible

EAN 4007841 091309



BT-DALI Gateway

- Integration of DALI luminaires in BT Mesh system
- No cable required between sensor and DALI luminaire necessary
- Broadcast up to 64 luminaires

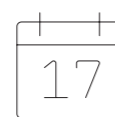
EAN 4007841 067311



Brightness and time-dependent switching



Adjustment via free app



Scheduler



Battery storage



Real Time Clock

TTS PRO

white
anthracite

4007841 089122
4007841 089139



TCL PRO (without relay)

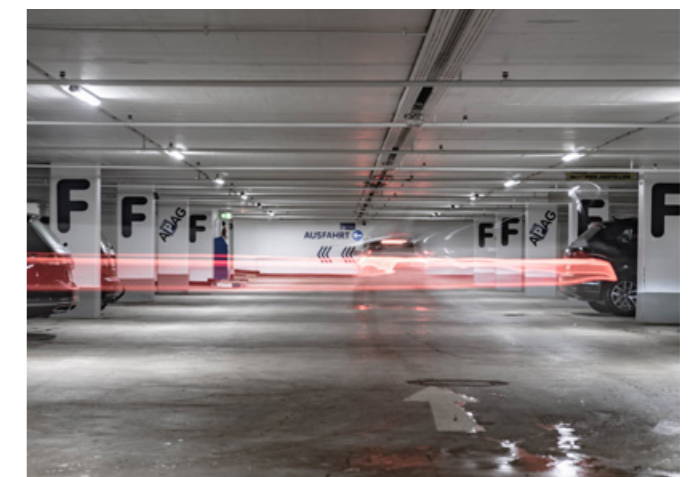
white 4007841 089146
anthracite 4007841 089153



**„We opted for the lighting solution from STEINEL,
because in our opinion we believe it is the best
and most up-to-date solution on the market.”**

Mr. Schauer, Managing Director of Gevetec

Installed: 451 x RS PRO 5100 SC

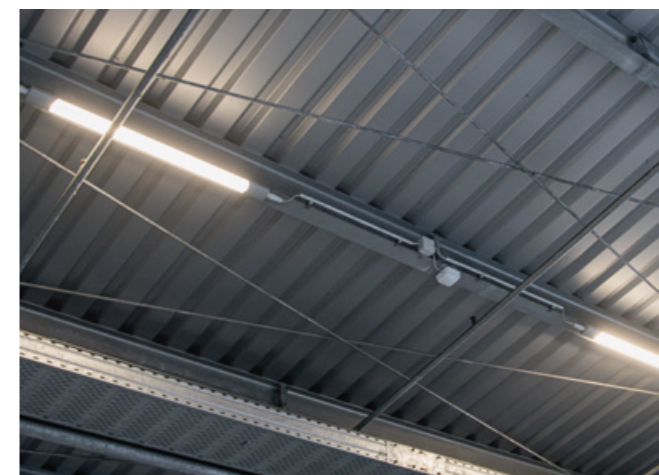




„The aim of the project was to create a long-term, long-lasting and, above all, energy-efficient lighting solution for our freight area to find.”

Michael Obermaier, Energy Management and Analysis Expert, Munich Airport

Installed: 1300 x RS PRO 5100 SC, 200 x IR Quattro HD 2





„We are very satisfied with the new STEINEL-lighting. The parking garage is better lit and when there is no activity, the light is dimmed. This maintains the feeling of safety, but achieves maximum energy savings.“

Kuno Kamstra, Sustainability and Energy Consultant / Systems Engineer, MST

Installed: 750 x RS PRO 5100 SC, 44 x R-Series



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