# Novelties
# Sensors & Lights

Light & Building 2024

.o steinel

# Solutions for tomorrow.

As a leading provider of intelligent solutions for sensor technology, lighting and building automation, we work on visionary ideas every day. Ideas that become solutions. Solutions that improve tomorrow. Improvements that mean more efficiency, more sustainability and more comfort.

On the following pages, we show you how we see the future today - and how we are shaping tomorrow with shaping tomorrow with intelligent solutions. In our endeavour to find forward-looking solutions for the best possible tomorrow. We can't help it. We love progress.

**We are "The inventors' company".**
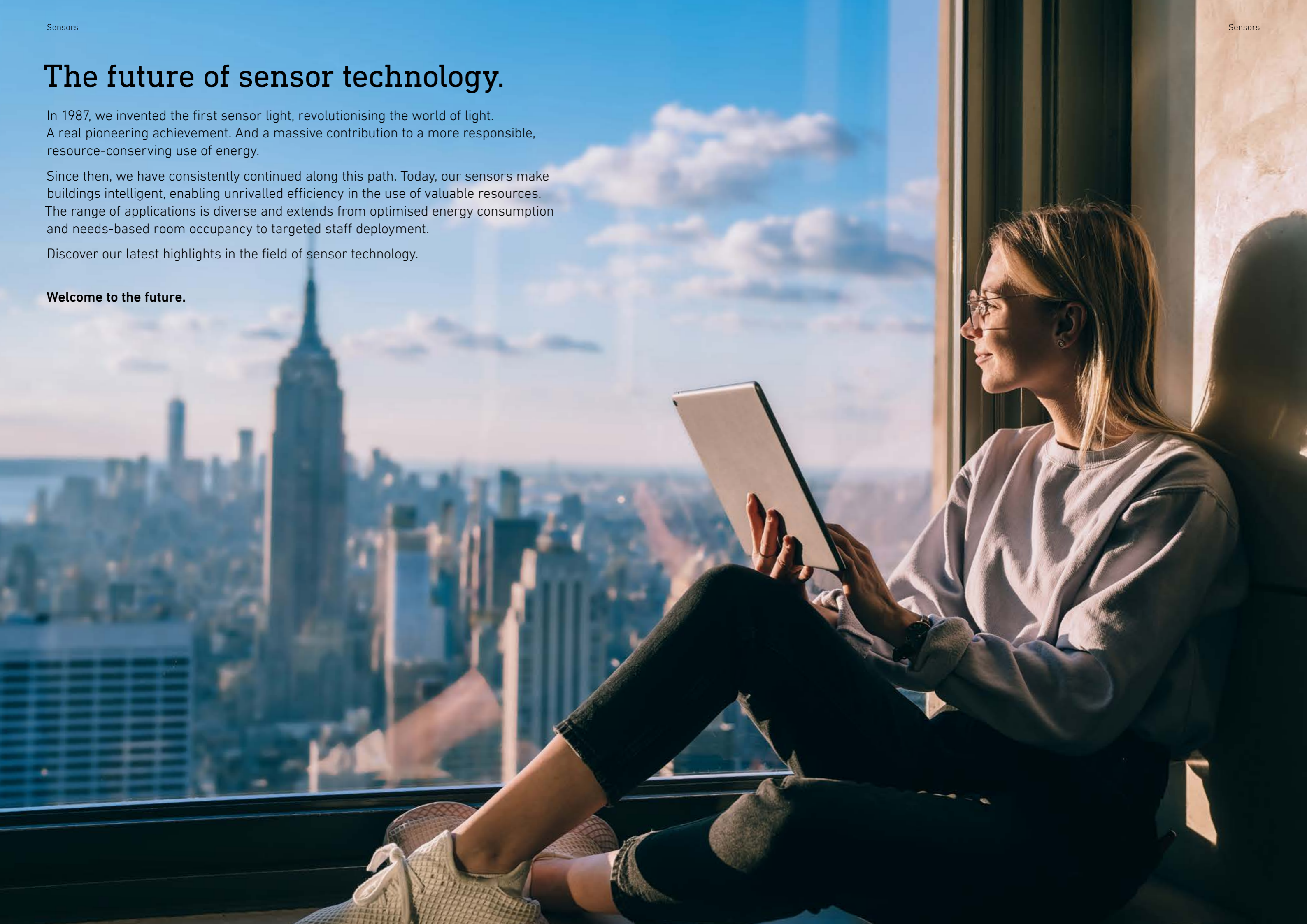
# Table of contents

# The future of sensor technology.

In 1987, we invented the first sensor light, revolutionising the world of light. A real pioneering achievement. And a massive contribution to a more responsible, resource-conserving use of energy.

Since then, we have consistently continued along this path. Today, our sensors make buildings intelligent, enabling unrivalled efficiency in the use of valuable resources. The range of applications is diverse and extends from optimised energy consumption and needs-based room occupancy to targeted staff deployment.

Discover our latest highlights in the field of sensor technology.

**Welcome to the future.**

# EO. Smart Space Sensor with many detection variables.

From the ceiling, our new Smart Space Sensor detects, localises and counts all the people in the room. Privacy is always guaranteed. This is because the innovative passive infrared matrix sensor does not have a camera and therefore cannot identify people.
Keyword: privacy by design.

How does it work? Via a heat matrix. All existing temperatures are precisely recorded in a precisely adjustable room area of up to 35 square metres. The data obtained is analysed using intelligent software based on the latest AI algorithms. It can be used to precisely identify and locate human heat radiation.

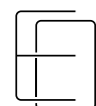The new technology opens up a wide range of possible applications.
For example in the following areas
• Office space optimisation - people counting, workplace occupancy, flex-desk planning
• Real estate management - optimised use of space/buildings
• Safety & Security - Identification of dangerous heat sources
• Retail analytics - checkout rush, staff planning, optimisation of shelves and walkways
• Elderly Care - Patient Safety
• HVAC - room temperature measurement and improvement of indoor air quality
and much more.

**Bluetooth® MESH**

EO

| | | | |
|---|---|---|---|
| **Bluetooth® MESH** | Setting via app | Number of persons | Tracking |
| Bluetooth Mesh | Setting via app | Number of persons | Tracking |
| Zoning | Localisation | Traffic | Fencing |
| Brightness | Temperature | Air Humidity | max. 3.50 m |
| 360° | 7x5m at 3m height | Movement | Presence |

**Technical data**
Dimensions FM ......................103 x 103 x 49 mm
Dimensions SM ......................123 x 123 x 45 mm
Sensor type................................ Infrared matrix
Mounting height ............................2.50 – 3.50 m
Angle of coverage ........................................360°
Detection area (3m height) ...................... 7 x 5m
Capture matrix.................................... 96 Fields
Detection zones.................................... max. 10
Protection class.............................................IP20
Capture variables.........Movement, Presence,
...............................................EO-People counting
.....................................................and localisation,
...................................Brightness, Temperature,
...........................................................Air Humidity

**Order details**

**DALI-2 IPD**
Flush-mounted white.......... 4007841 090081
Surface-mounted white..... 4007841 090098

**IP**
Flush-mounted white .......... 4007841 091064
Flush-mounted black .......... 4007841 091088
Surface-mounted white...... 4007841 091071
Surface-mounted black...... 4007841 091095

**KNX**
Flush-mounted white .......... 4007841 091101
Flush-mounted black .......... 4007841 091125
Surface-mounted white...... 4007841 091118
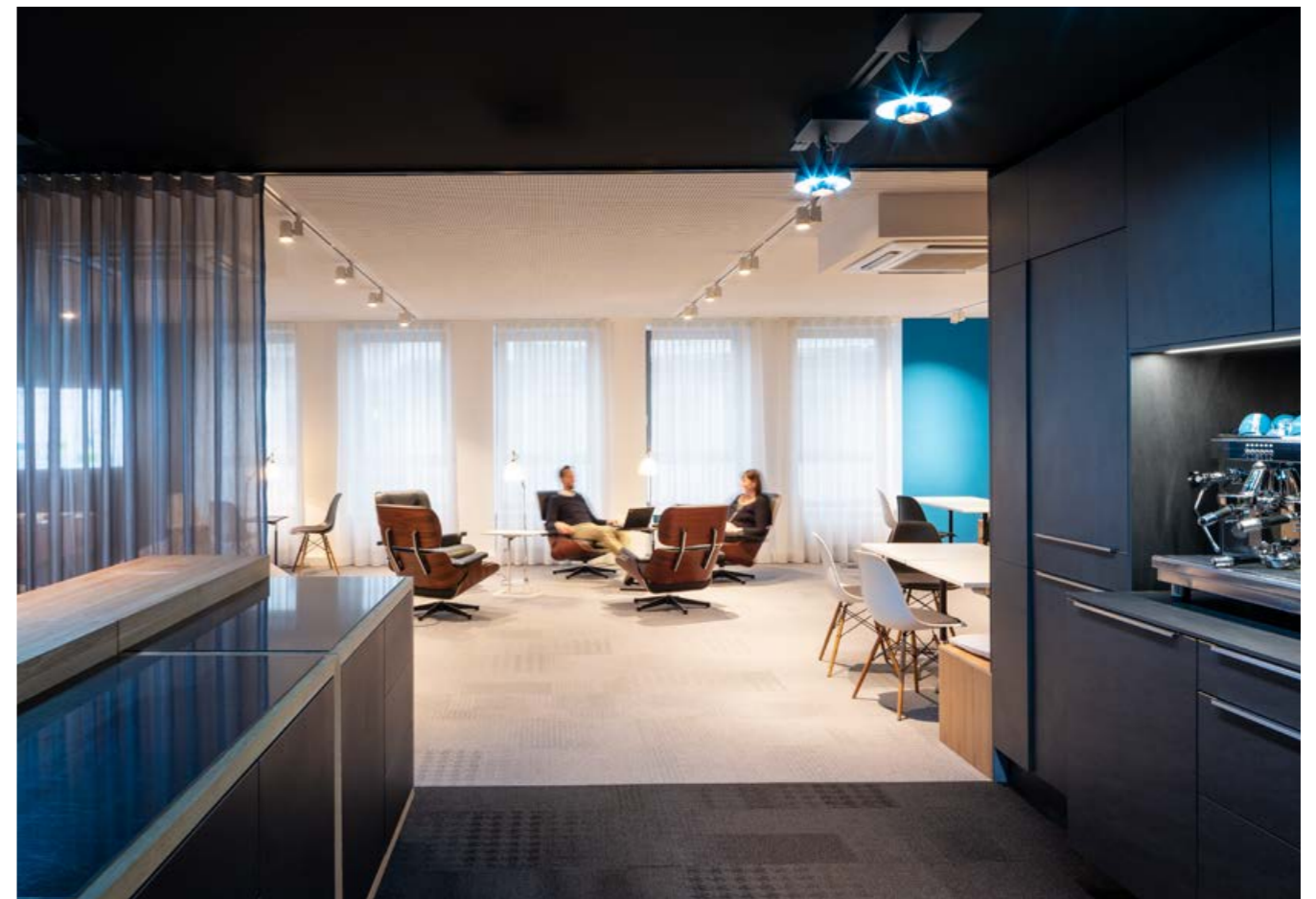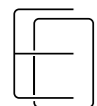Surface-mounted black...... 4007841 091132

# Multisensor EO. Turning rooms into intelligent rooms.

The EO multisensor sets completely new standards on the way to the intelligent room. In addition to the presence and number of people, brightness, temperature and humidity, it also records the concentration of volatile organic compounds (VOCs), the CO2 value, the air pressure and the noise level in a room area. This information can be combined to calculate values such as the risk of infection, stale air, cosiness and dew point. If this data flows into an HVAC control system, the room and building climate can be optimally adapted to the respective requirements.

**Bluetooth® MESH**

Multisensor EO

| | | | |
|---|---|---|---|
| **Bluetooth® MESH**<br><br>Bluetooth Mesh | Setting via app | Number of persons | Tracking |
| Zoning | Localisation | Traffic | Fencing |
| Brightness | Temperature | Air Humidity | Air pressure |
| VOC | Noise | max. 3.50 m | 7x5m at 3m height |

**Technical data**

Dimensions UP......................123 x 123 x 50 mm
Dimensions AP......................145 x 145 x 45 mm
Sensor type................................Infrared matrix
Mounting height ............................2,50 – 3,50 m
Angle of coverage ........................................360°
Detection area (3m height) ..................... 7 x 5m
Capture matrix...................................... 96 Fields
Detection zones.................................... max. 10
Protection class............................................IP20
Capture variables.........Movement, Presence,
.............................................. EO-People counting
.................................................... and localisation,
................................Brightness, Temperature,
.......................................Air Humidity, CO2, VOC,
................................................ Noise, Air pressure

**Order details**

**DALI-2 IPD**
Flush-mounted white .......... 4007841 091149
Surface-mounted white...... 4007841 091156

**IP**
Flush-mounted white .......... 4007841 091163
Flush-mounted black .......... 4007841 091187
Surface-mounted white...... 4007841 091170
Surface-mounted black...... 4007841 091194

**KNX**
Flush-mounted white .......... 4007841 091026
Flush-mounted black .......... 4007841 091040
Surface-mounted white...... 4007841 091033
Surface-mounted black...... 4007841 091057

# nexx.IS PRO series.
# Eagle eyes see more.

Our nexx.IS PRO series was specially developed for reliable outdoor detection applications and is the ideal solution for building entrances and façades. Thanks to innovative "Eagle Eye" technology, a specific detection area can be improved by 200 per cent when facing the sensor from the front. This means that access areas, for example, can be monitored even more precisely. This is made possible by a small, individually positionable window in the lens. The sensors in the nexx.IS PRO series can be networked via Bluetooth Mesh and offer all Connect functionalities. For example, outdoor lights connected via Bluetooth Mesh can be controlled, timer programmes defined and wireless push-buttons connected.

The innovative sensor family covers three different detection areas. A surface-mounted version with a detection range of 130° or 270° is available for wall mounting. A 360° solution is available for the ceiling, either as a surface-mounted or recessed version. All models are available in the colours white and anthracite.

The nexx.IS PRO series is available with COM1, KNX-Secure and uDIM (leading edge and trailing edge dimming) interfaces. With uDIM, soft light start and ambient light can now also be used with conventional luminaires. Prerequisite: the light source is dimmable.

**Bluetooth® MESH**

MD IR N130/270

MD IR N360 Ceiling installation

MD IR N360 Surface-mounted

| **Bluetooth® MESH** | | | | | |
|---|---|---|---|---|---|
| Bluetooth Mesh | Setting via app | max. 4,00 m | 130° | 270° | 360° |
| max. 13 m | 2 – 2000 lx | | | | |
| IP54 | Eagle Eye technology | | | | |

**COM1**
Mains connection........... 220 – 240 V, 50/60 Hz
Switching load........................ max. 600 W LED
**uDIM**
Mains connection........... 220 – 240 V, 50/60 Hz
Switching load................................ 5-100 W LED
Dimming ................................. Phase start/end
**KNX**
Supply voltage ......................................KNX-Bus
KNX Secure ..................................................... yes

**Technical data MD IR N130/ 270**
Dimensions ............................ 116 x 116 x 42 mm
Sensor type.............................................. Infrared
Mounting height ...........................1.80 – 3.00 m
Angle of coverage ............................. 130°/270°
Reach Tangential................................max. 13 m
Reach Radial Radius ...........................max. 3 m
Mounting type ................................................Wall
Corner wall bracket ..........optional/ included

**Order details MD IR N130**
COM1, white............................4007841 069056
COM1, anthracite ..................4007841 069032

**Order details MD IR N270**
COM1, white............................4007841 079819
COM1, anthracite ..................4007841 079796
KNX, white ...............................4007841 079840
KNX, anthracite......................4007841 079826
uDIM, white.............................4007841 079871
uDIM, anthracite ...................4007841 079857

**Technical data MD IR N360**
Dimensions Surface-mounted..Ø 80 x 93 mm
Dimensions Deckeneinbau .........Ø 80 x 74 mm
Sensor type.............................................. Infrared
Mounting height ...........................1.80 – 4.00 m
Angle of coverage ........................................360°
Reach Tangential.....................................Ø 13 m
Reach Radial Radius ................................. Ø 6 m
Mounting type ..........................................Ceiling

**Order details Surface-mounted**
COM1, white............................. 4007841 080006
COM1, anthracite ...................4007841 079888
KNX, white ................................4007841 080037
KNX, anthracite .......................4007841 080013
uDIM, white ..............................4007841 080068
uDIM, anthracite ...................4007841 080044

**Order details Ceiling installation**
COM1, white............................4007841 080587
COM1, anthracite ...................4007841 087432
KNX, white ................................4007841 080594
KNX, anthracite .......................4007841 087449
uDIM, white.............................. 4007841 080600
uDIM, anthracite ...................4007841 087456

# IR Quattro HD DALI duo 24m.
# Great solution.
# Not only in the classroom.

For 15 years now, the name "IR Quattro HD" has been synonymous with excellent performance in infrared detection with mechanical range adjustment. The new IR Quattro HD DALI duo continues this tradition confidently and convincingly.

Classrooms, conference rooms and larger offices are the primary areas of application for the new IR Quattro HD DALI duo. The pleasantly compact infrared presence detector, equipped with two light channels, contains a fully-fledged, intelligent light management system. The ideal prerequisites for creating customised light and a good learning and working atmosphere. Even including switchable lighting - thanks to the integrated relay.

In short: a worthy new addition to the "IR Quattro HD" family, which is ideal for constant light control in classrooms. Incidentally, top marks are also awarded for commissioning, which is carried out via the practical Smart Remote app and is extremely simple.

SMART
REMOTE
APP

IR Quattro HD DALI duo 24m

| | | | |
|---|---|---|---|
| 2+1 Light channels | max. 10.00 m | 360° | 8 x 8 m presence |
| HD 4800 zones | 10 - 1000 Lux | 5 sec - 60 min | IQ IQ-mode |
| 3 Push-button inputs | ON/ OFF ON/OFF Relay | | |

**Technical data**
Dimensions SM.....................120 x 120 x 65 mm
Dimensions CM ...................120 x 120 x 119 mm
Mains connection ...........220 – 240 V, 50/60 Hz
Switching load Relay............ max. 600 W LED
Number of DALI devices............................... 64
DALI communication................... addressable
..............................................2 groups/ Broadcast
Sensor type............................................Infrared
Mounting height ......................... 2.50 – 10.00 m
Angle of coverage .........................................360°
Reach Radial...............................................8 x 8 m
Reach Tangential................................20 x 20 m
Reach Presence........................................8 x 8 m
Switching zones ......................................... 4800
Twilight setting ...............................10 – 1000 lx
Time setting.....................................5 s – 60 min.
Basic light function........................................Yes
Basic light function time................ 1 – 60 min.,
........................................................................all night
Adjustable main light........................50 – 100 %
Twilight setting Teach....................................Yes
Constant light control....................................Yes
Protection class............................................IP20
Temperature......................................... 0 to 40°C
Housing .............................UV-resistant plastic
Mounting type ..........................................Ceiling

**Order details**
Surface-mounted ................. 4007841 088835
Ceiling installation............... 4007841 088828
Smart Remote........................ 4007841 009151

# Twilight switch TS RTC.
# Modern design meets smart comfort.

Night-time lighting - but the smart way: The TS RTC twilight switch, equipped with modern Bluetooth technology, has a straightforward design and scores points for its outstanding ease of use.The scheduler function in the STEINEL Connect app can be used to define various scenes and settings depending on the day and time. This is practical if the lighting control is to be coordinated with opening times - working days have different requirements to Sundays and public holidays. The Real Time Clock and the 7-day battery memory ensure reliable and permanently functioning light management.

Thanks to Bluetooth Mesh, the TS RTC can be connected and adjusted wirelessly with various STEINEL Connect lights. The twilight switch is available in white and anthracite.

**Bluetooth MESH**

TS RTC

| **Bluetooth MESH** | | | |
|---|---|---|---|
| Bluetooth Mesh | Setting via app | max. 4.00 m | 1 – 1000 lx |
| IP54 | Scheduler | Battery storage | Real Time Clock |
| LED<br><br>max. 250 W | | | |

**Technical data**
Dimensions ................................. 38 x 95 x 95 mm
Mains connection ........... 220 – 240 V, 50/60 Hz
Sensor type ....................................... Light sensor
Model ........................................... Twilight switch
Mounting height ............................ 1,80 – 4,00 m
Twilight setting ................................... 1 – 1000 lx
Twilight setting Teach ...................................... Ja
Switching capacity ............... max. 250 W LED

**Order details**
white ........................................... 4007841 089122
anthracite ................................. 4007841 089139

# Now even more extensive functionality in the DALI-2 APC interface of the Control PRO II series.

From now on, any lighting task can be solved, regardless of whether it is a new build or a renovation. In addition to DALI cabling, a wireless connection via Bluetooth is now also possible - a hybrid solution combining wired and wireless is also possible.

**Standard:**
- DALI-2 Application Controller
- BT Mesh compatible
- DALI-2 certified
- Multimaster capable
- 128 mA supply current
  à 64 DALI devices

**New**
- 4 Lighting groups + multizone
- Support for DALI-2 and BT Mesh accessories
- Extended push-button integration
  Push-button: Push-button input (1), DALI (16), Bluetooth (16)
- Folding door function and timer function
- Optimised commissioning with the STEINEL Connect app



**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



**Multisensor True Presence®**
- 360° high frequency sensor
- Mounting height max. 12 m
- Range Ø 15 m
- 7 Capture variables

EAN 4007841 081829 | Flush-mounted
EAN 4007841 081812 | Surface-mounted



**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



**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



**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

# The future of light.

Because not all light is the same, we have the right lighting solution for every application in our programme. What's more, thanks to Connected Lighting, various luminaires can be connected to intelligent lighting systems impressively quickly and surprisingly easily via Bluetooth Mesh.

Whether as a stand-alone solution or as an intelligently networked and resource-saving lighting system - our lighting solutions make all the difference. And combine simple handling with high lighting comfort, outstanding energy efficiency and exemplary sustainability.

Discover our latest lighting highlights.

**Welcome to the future.**

# RS PRO 6150 SC circular.
# Our circular economy miracle.

Pioneering efficiency and sustainability - this is how our new RS PRO 6150 SC circular luminaire presents itself. The product is 100 per cent "made in Europe", stands for short transport routes and was conceived and made entirely in the spirit of the circular economy.

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, ever stop working, they can be easily replaced.

The ambient light function and intelligent sensor technology reduce the running times of the lighting components, further increasing their service life. Whether in industrial environments, multi-storey car parks and underground car parks or in storage and basement areas - the wide beam angles always guarantee maximum light output. And the intelligent sensor technology in conjunction with Connected Lighting via Bluetooth always ensures maximum energy efficiency.

And to close the circle at the end, every luminaire is returned to the material cycle at the end of its long product life thanks to the take-back concept. Put your hand on it!

**Bluetooth MESH**

RS PRO 6150 SC circular

**steinel  PRACHT®**

**A sustainable cooperation**
Intelligent, sensor-based lighting control for maximum energy and CO2 savings paired with a luminaire that has a recyclate content of 99% and is also repairable - we have realised this combination with our cooperation partner PRACHT in the RS PRO 6150 circular SC.



| | | | |
|---|---|---|---|
| **Bluetooth MESH** Bluetooth Mesh | Setting via app | max. 4.00 m | 360° |
| max. Ø 8 m | 2 – 2.000 lx | 5 sec – 60 min | 0 – 100% Basic light |
| 0 – 100% Main light | Soft-Start / -End | IP65 | IK08 |

**Technical data**
Dimensions ............................ 1.500 x 90 x 80 mm
Mains connection ........... 220 – 240 V, 50/60 Hz
Power ............................................................ 43.5 W
Luminous flux ........................................... 6.412 lm
Light colour .............................. 4.000 K / SDCM 3
Colour rendering ...................................... Ra ≥ 80
LED cooling system .. Passive-Thermo-Control
Light source .................... LED interchangeable
Sensor type ................. High frequency, 24 GHz
Reach Radial ................................................ Ø 8 m
Reach Tangential ........................................ Ø 8 m
Angle of coverage ......................................... 360°
Twilight setting ................................. 2 – 2.000 lx
Time setting ................................ 5 sec – 60 min,
......................................... brightness-controlled
Basic light ............................................ 0 – 100 %
Main light .............................................. 0 – 100 %
Impact resistance ........................................ IK08
Protection class ............................................. IP65
Temperature .............................. – 20° to +40 °C
Functions ...................................... Motion sensor,
....................................................... DIM function,
........... Dimming curve individually adjustable,
........................................... Adjustable fade time,
.................... Semi/fully automatic, light sensor,
................................. Neighbour group function,
............................... Encrypted communication,
........................................................ Timer switch,
.... Single or central battery emergency light,
.................................... Group parameterisation,
........................................... Orientation light

**Order details**
6150 SC circular .................... 4007841 089856
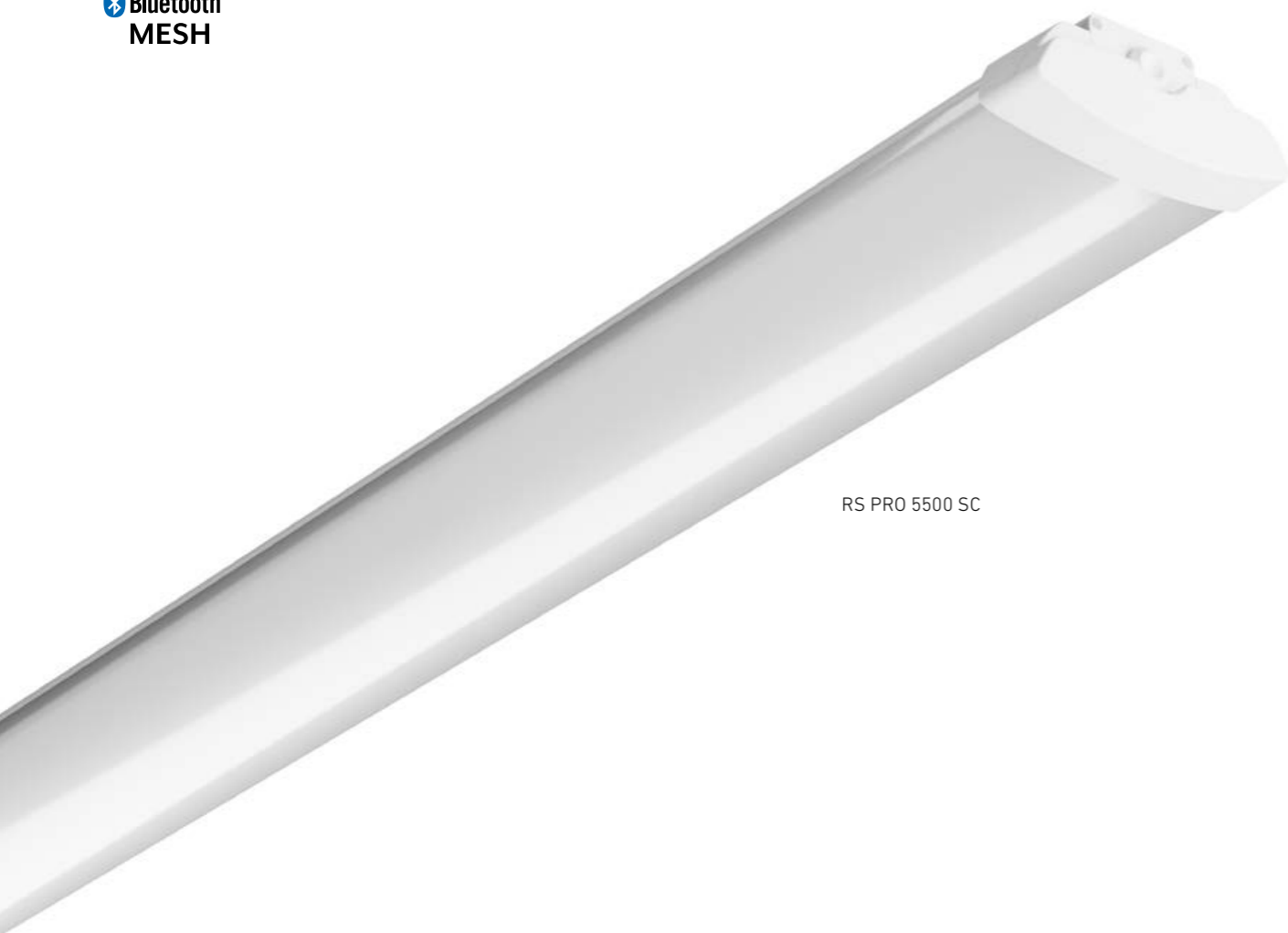6150 SC EM circular ............. 4007841 089863

# RS PRO 5500/5550 SC.
# 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 of course also impressive.

The lights 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.

For better repairability and the longest possible service life, the lights are deliberately modular in design and thus follow our sustainability approach. 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 cover. The cable with 5-core through-wiring can also be inserted on both sides or from the rear. The standard SC version enables an emergency lighting function on the central battery. The SC EM version is available for a decentralised single battery solution for 3 hours of emergency lighting.

**Bluetooth® MESH**



RS PRO 5500 SC



| | | | |
|---|---|---|---|
| **Bluetooth® MESH**<br>Bluetooth Mesh | Setting via app | max. 4.00 m | 360° |
| max. Ø 8 m | 2 – 2.000 lx | 5 sec – 60 min | 1 – 100 %<br>Basic light |
| 0 – 100 %<br>Main light | Soft light start | IP44 | IK07 |
| 1200<br>1500 | 164 / 75 | | Simple repair |

**Technical data**

| | |
|---|---|
| Dimensions 5500 SC | 1.200 x 164 x 75 mm |
| Dimensions 5550 SC | 1.500 x 164 x 75 mm |
| Mains connection | 220 – 240 V, 50/60 Hz |
| Application | wall, ceiling |
| Power (5500) | 30.5 W, 140.6 lm/W |
| Luminous flux (5500) | 4288 lm |
| Power (5550) | 43.5 W, 141.7 lm/W |
| Luminous flux (5550) | 6163 lm |
| Colour rendering | Ra ≥ 80 |
| LED cooling system | Passive-Thermo-Control |
| LED service life | 60.000 h |
| Sensor type | High frequency, 24 GHz |
| Electronic scalability | Yes |
| Reach | Ø 8 m |
| Angle of coverage | 360° |
| Twilight setting | 2 – 2.000 lx |
| Time setting | 5 sec – 60 min |
| Basic light | 1 – 100 % |
| Main light | 0 – 100 % |
| Permanent light | Switchable |
| Soft light start | Yes |
| Impact resistance | IK07 |
| Emergency light | Single or central battery |

**Order details**
**RS PRO 5500**

| | |
|---|---|
| SC WW | 4007841 087289 |
| SC EM WW | 4007841 087272 |
| SC NW | 4007841 086084 |
| SC EM NW | 4007841 086862 |

**RS PRO 5550**

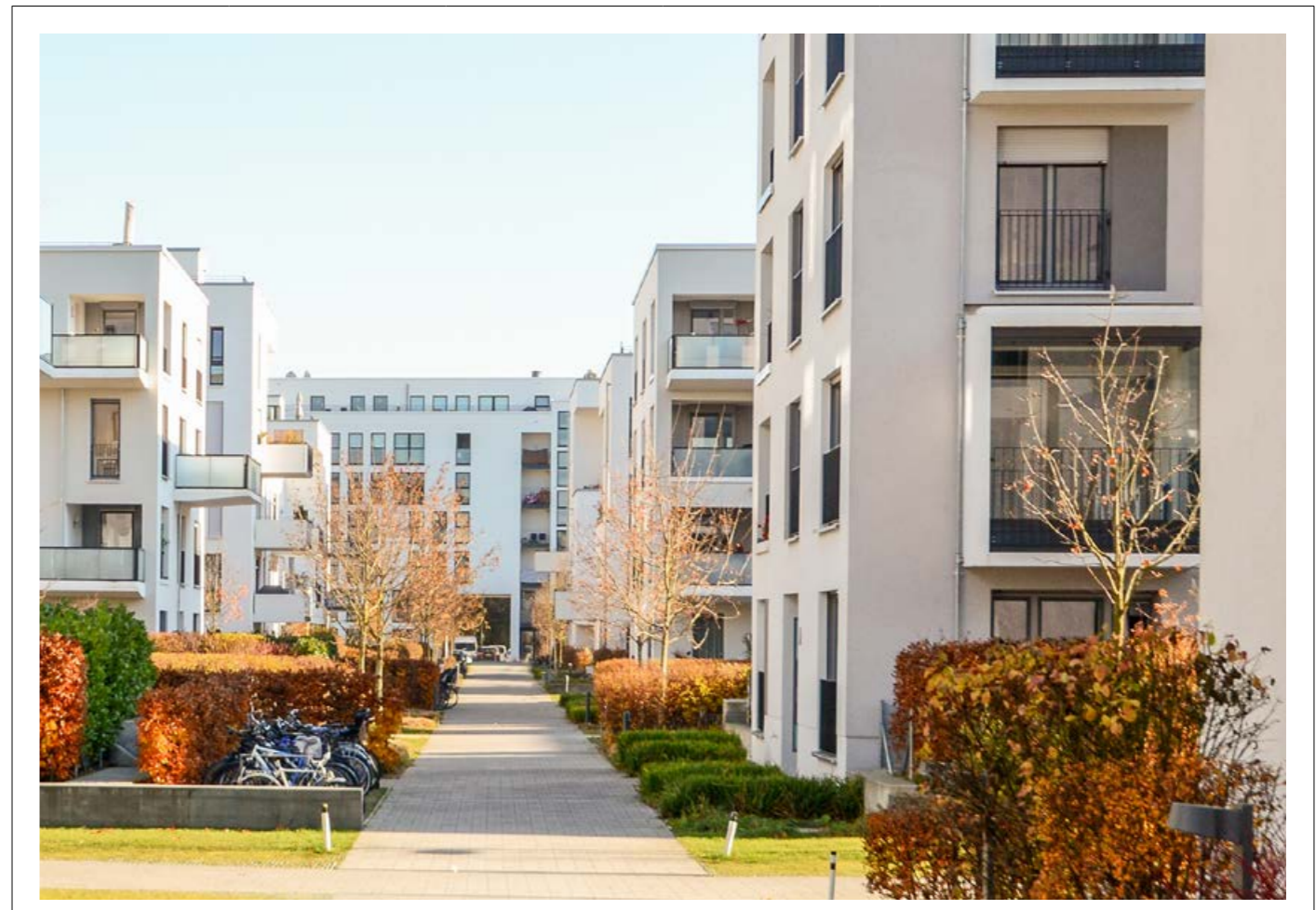| | |
|---|---|
| SC WW | 4007841 087302 |
| SC EM WW | 4007841 087296 |
| SC NW | 4007841 086091 |
| SC EM NW | 4007841 086879 |

# RS PRO A series.
# Elegant and robust.

Sophisticated design for demanding environments: Equipped with a powerful high-frequency sensor and an attractive and robust aluminium chassis, the A series is ideal for pergolas or similar applications thanks to its IK10 impact resistance and tested IP54 protection class.

In combination with our Connected Lighting system, the luminaires can be controlled using a wireless push-button. Semi-automatic operation, timer functions, the setting of neighbour groups and tracking light can also be implemented quickly and easily using Connected Lighting. Of course, cross-series networking is also possible at any time without any problems. Connection to central battery systems possible.

**Bluetooth® MESH**

RS PRO A20 SC



| Bluetooth MESH | Setting via app | max. 4.00 m | 360° |
|---|---|---|---|
| max. Ø 8 m | 2 – 2.000 lx | 5 sec – 60 min | 0-100% Basic light |
| 0-100% Main light | Soft light start | IP54 | IK10 |
| 3 Sizes | Ø 190 mm | Ø 260 mm | Ø 330 mm |

**Technical data**
Dimensions A10 ....................... Ø 190 x 69,3 mm
Dimensions A20 ...................... Ø 260 x 69,3 mm
Dimensions A30 ...................... Ø 330 x 69,3 mm
Mains connection .......... 220 – 240 V, 50/60 Hz
Power A10............................ 10.7 W, 106.3 lm/W
Power A20............................ 12.4 W, 117.8 lm/W
Power A30............................ 20.6 W, 128.1 lm/W
Luminous flux A10 ................................1137 lm
Luminous flux A20............................... 1461 lm
Luminous flux A30................................2638 lm
Light colour .............................. 3.000 K / 4.000 K
Twilight setting .................................. 2 – 2000 lx
Time setting.................................5 s – 60 min
Basic light function.........................................Yes
Basic light function Zeit ................. 1 – 60 min.
Basic light adjustable .......................... 0 – 100 %
Adjustable main light..........................0 – 100 %

**Order details**
**RS PRO A10 SC**
3000 K, anthracite.................4007841 085315
3000 K, white .......................... 4007841 085316
4000 K, anthracite................ 4007841 085308
4000 K, white ......................... 4007841 085309

**RS PRO A20 SC**
3000 K, anthracite.................4007841 085339
3000 K, white .......................... 4007841 088330
4000 K, anthracite.................4007841 085322
4000 K, white......................... 4007841 088323

**RS PRO A30 SC**
3000 K, anthracite.................4007841 085353
3000 K, white ......................... 4007841 088354
4000 K, anthracite.................. 4007841 085346
4000 K, white......................... 4007841 088347

# GUIDANCE protection for our sensors. System components from STEINEL.

We are expanding our portfolio to include high-quality system components for DALI, KNX and Bluetooth. For seamless integration and maximum compatibility, you now get sensors, interfaces and actuators from a single source. You can rely on our proven quality and expertise for a smooth and efficient system.

In the new STEINEL Capstone software, you also have the option of visualising the building down to room level, including the installed products.

# From the control cabinet to the room.

KNX stands for connectivity, flexibility and future-proofing. It enables the seamless integration of a wide range of devices and systems, regardless of the manufacturer. This means that lighting, heating, ventilation, security systems and other functions can communicate with each other and be controlled centrally.

With the introduction of our new KNX system components, we now cover the entire range of sensors, power supplies, couplers, switching/blind actuators, dimming actuators and DALI gateways. These components form the backbone of every KNX system and make it possible to cater to the individual requirements and needs of a building.
And all with a **5-year manufacturer's guarantee**.

# KNX V4.0

With its extended functions, our KNX application 4.0 is the ideal solution for smart buildings of all kinds. Welcome to the era in which innovation and technology redefine the limits of what is possible. KNX Data Secure makes our sensors a little more secure from V4 onwards. Secure? Secure!

- KNX Data Secure
- Bluetooth integration
- New functions
- Even more extensive
- Greater flexibility

## System Devices

The centrepiece of the system, the secret stars. Nothing works without them, no bit goes over the bus without them.

**P640 KNX**
Power Supply 640mA
EAN 4007841 084882

**P1280 KNX**
Power Supply 1280mA
EAN 4007841 085667

**USB100 KNX**
USB Interface
EAN 4007841 085674

**ALC100 KNX-S**
Area/Line Coupler
EAN 4007841 085643

## Light Control

Want convenient lighting control?
No problem, with our lighting actuators we can adapt to any situation.

**DALI64 KNX-S**
1-ch DALI-Gateway
EAN 4007841 089207

**DALI128 KNX-S**
2-ch DALI-Gateway
EAN 4007841 089214

**DIM4 KNX-S**
4-ch Dimming Actuator
EAN 4007841 089191

## Universal Actuators

Switching or shutter function can be set. As a shutter actuator, the neighbouring outputs (A1/A2, A3/A4…) form a shutter channel. Bistable 16A relay.

**UA6 KNX-S**
6/3-ch Unviersal Actuator
EAN 4007841 089160

**UA16 KNX-S**
16/8-ch Unviersal Actuator
EAN 4007841 089177

**UA24 KNX-S**
24/12-ch Unviersal Actuator
EAN 44007841 089184

## Universal Interfaces

Inputs for querying conventional, potential-free contacts in KNX systems and sending telegrams to the KNX bus for signalling statuses, meter readings, operating loads, etc.

**UI2 KNX-S**
Universal Interfaces Secure
EAN 4007841 089221

**UI4 KNX-S**
Universal Interfaces Secure
EAN 4007841 089238

**UI8 KNX-S**
Universal Interfaces Secure
EAN 44007841 089245

# DALI-2 components

The range of functions of DALI-2 has increased significantly compared to its predecessor. The integration of push-buttons, dimmers and relays opens up new possibilities in building and lighting control. With the STEINEL system components, we have 100 % compatibility as standard and you now get everything from a single source: sensors, actuators and repeaters.

# 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.

**Push-button coupler PC4-DALI2**
- Integration of up to four commercially available standard push-buttons
- Installation in flush-mounted box
- Functions freely programmable via app

EAN 4007841 082123

**Rotary dimmer RDIM-DALI2**
- Intuitive switching and dimming of the lighting
- IPD for connection to DALI-2 APC
- Dimming proportional to the rotation speed

EAN 4007841 082130

**Relay REL5A-DALI2**
- Integration of circuits into the DALI control system, e.g. panel light
- Installation in flush-mounted box

EAN 4007841 082109

**PB2 / PB4-Wireless pushbutton**
- Can be used anywhere, no power supply required
- Flexible and easy to retrofit and convert
- Customised control of Bluetooth Mesh products
- Screw and adhesive mounting possible

PB2 | EAN 4007841 084653
PB 4 | EAN 4007841 084660

**Push-button coupler PC4-Bluetooth**
- Integration of up to four commercially available standard push-buttons
- Installation in flush-mounted box
- Functions freely programmable via app

EAN 4007841 067342

**Rotary dimmer RDIM-Bluetooth**
- Intuitive switching and dimming of the lighting
- Dimming proportional to the rotation speed

EAN 40078410 67328

**Repeater REP-DALI2**
- Additional power supply for the DALI line to fully utilise the number of devices
- Bidirectional communication for installing additional DALI-2 IPDs

EAN 4007841 082116

**Broadcast Module-DALI2**
- Extension of the DALI line by additional devices
- Up to 64 additional devices possible
- Unidirectional broadcast control from repeater possible

EAN 4007841 084981

**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 Bluetooth Mesh systems to IP networks via MQTT
- Transmission of status information
- of the lights and sensors
- Remote settings and override possible

EAN 4007841 091309

**BT-DALI Gateway**
- Integration of DALI luminaires into the Bluetooth Mesh system
- No cable required between sensor and DALI luminaire
- Broadcast up to 64 luminaires

EAN 4007841 067311

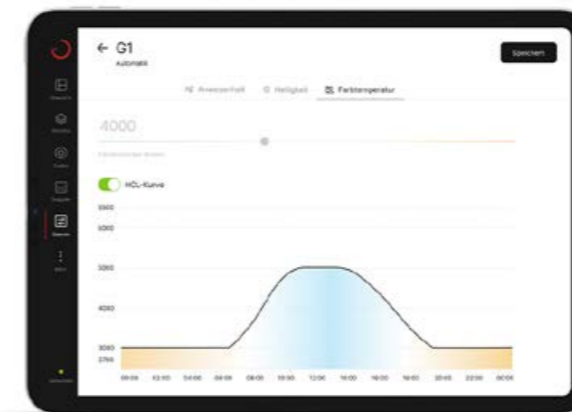# LiveLink ONE. User-friendly multi-room light management.

Lighting management offers companies across all sectors enormous opportunities - for example to reduce costs, increase lighting quality and employee satisfaction and achieve their own sustainability goals. And with the new LiveLink ONE® app, installation and operation are easier and safer than ever before. The result: real plug and play lighting management at the click of a button.

Whether in huge logistics halls, glazed office complexes, universities or underground car parks - energy-efficient lighting with light management is an enormous benefit in all applications. Users can also flexibly adapt the light to their individual preferences and different work tasks. The new LiveLink ONE® app was developed in close cooperation with customers and users to guarantee the best possible commissioning of the light management system. With many innovative features, light management becomes a simple and safe affair.

LiveLink



## Maximum convenience.
## Minimal installation effort.

LiveLink is ready for operation and fully functional from the very first start. All system participants are recognised automatically and can be easily adapted to the individual project via the user-friendly LiveLink ONE® app. Practical: the system can be configured by the installer in any order. The functionality is always retained.



## More flexibility.
## More light quality.

Intelligent lighting management improves the quality of light and increases visual comfort. LiveLink ONE® offers numerous preset features such as Human Centric Lighting and functions for daylight-dependent control and presence control. Lighting scenes can also be flexibly programmed and called up at the touch of a button, either via push-button or app. This means: always exactly the right light for the various tasks and individual requirements.



**Control unit LiveLink WiFi**
- DALI-2 APC max. 64 participants
- Commissioning via WLAN and app
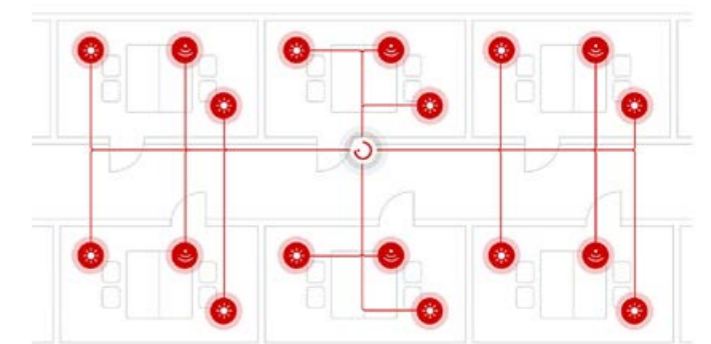
EAN 4007841 013653



**DIN rail controller LiveLink LAN DR**
- DALI-2 APC max. 64 participants
- Commissioning via Wlan and app
- Connection to higher-level systems via MQTT

EAN 4007841 055455

## Multiroom.
## One controller, many options.

With the LiveLink ONE® app, lights can be individually grouped and controlled. The newly integrated multi-room function enables both individual control of individual rooms and centralised, cross-room control. This optimises the utilisation of a DALI-Line and simplifies commissioning, as only one controller is required.



LiveLink ONE® is available on all platforms and devices (iOS and Android) and replaces the previously common app solutions LiveLink Install and LiveLink Control. Systems that have already been installed are recognised by LiveLink ONE® and transferred with all configuration details.

# Capstone closes the gap between hardware and software.

With the new Capstone software solution, it is possible for the first time to recognise all IP and Bluetooth sensors and lights in the network and visualise them. To do this, Capstone creates an independent network and provides a complete overview of the building status: temperature, humidity, CO2, VOC, noise, smoke, presence, brightness and number of people.

Based on the analysed data, optimisation proposals for a better energy balance can then be drawn up.

capstone