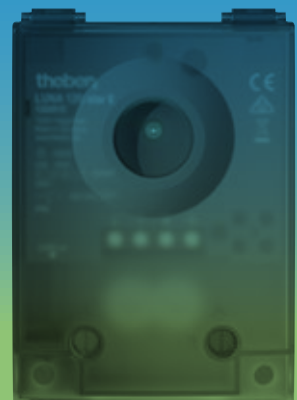
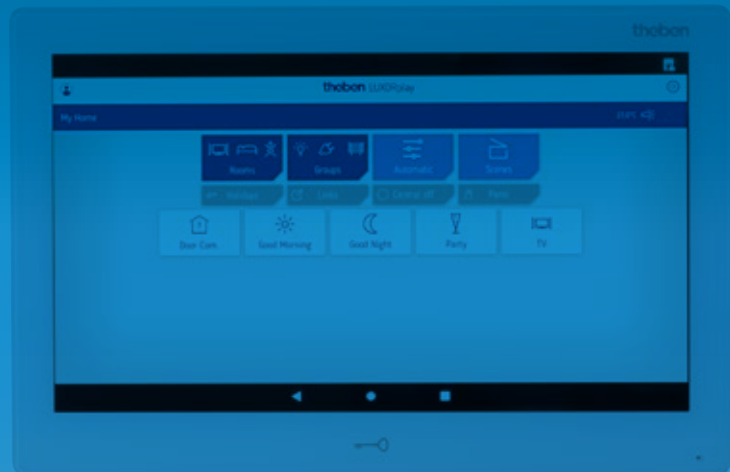
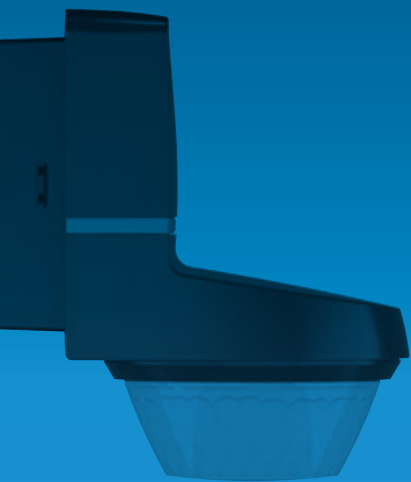


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News #02 | 2025



Building Automation since 1921

The full program for the intelligent buildings of tomorrow

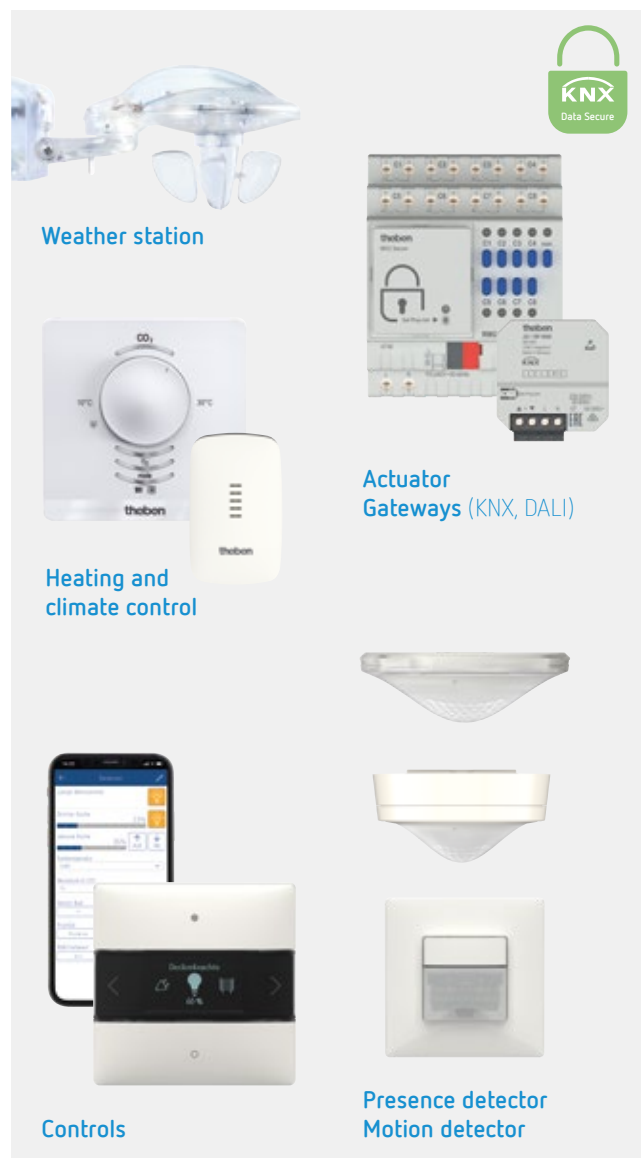
Products, solutions and systems

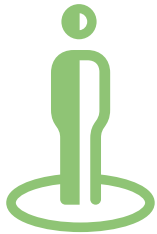


Building Automation
& Smart Home



Home and
building automation





Presence & Motion Detectors, Lighting



Time, light & climate control



Motion detector
(230 V, KNX)



Presence detector
(230 V, KNX, DALI-2)
Presence sensors
(DALI-2)



Timers
Staircase light timer
Impulse switch



Twilight switch



LED lights
(With and without a detector,
also remote controllable via app)



Dimming



Thermostats
CO₂ sensors



TECTA D outdoor detector series

Design meets functionality

The smart choice for every facade

TECTA D180/D180i – flat, elegant, discreet

The TECTA D180 is more than just a motion detector – it is a stylish statement for modern home and building technology. With its extremely flat housing, it blends almost invisibly into the façade. Thanks to its discreet appearance and integrated lens shape, it remains inconspicuous yet highly efficient.

Your advantages at a glance:

- **Discreet, flat design** – ideal for entrance areas
- **High-quality workmanship** with stylish accent strip
- Two colors – classic **white** or elegant **anthracite**
- **Reliable detection** for maximum security

TECTA D280i – flexible, precise, versatile

The TECTA D280i goes one step further and sets new standards in adaptability. Thanks to the separate sensor head, the detection range can be individually adjusted for precise control of outdoor lighting. Whether in entrance areas, on patios, or in gardens, the TECTA D280i ensures needs-based lighting control everywhere.

Your advantages at a glance:

- Separate, **flexibly adjustable Sensor head**
- **State-of-the-art technology** in a timeless design
- **Optimally coordinated detection areas**
- **Full control** regardless of the architecture

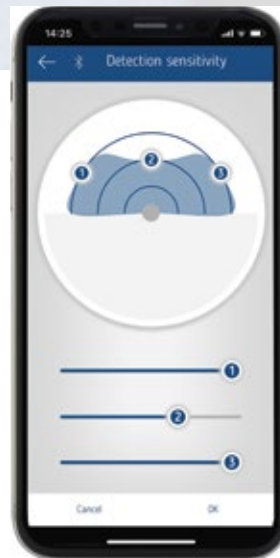
Ideal for demanding projects and individual customer requirements. Perfect for customers who value design and safety.



Digital area demarcation via app with TECTA D180i and TECTA D280i. Detection zones can be set individually.

Typical challenges in practice


With the digital area restriction via app, you can easily adjust the detection area of your motion detector according to your wishes. Comfortable, precise and flexible. This way, your detectors only respond to what's truly important, such as movements on your property, while reliably blocking out disturbances from traffic, neighbours, or trees. For more control, comfort and safety.



Motion detector

Outdoor detector

Conventional motion detector TECTA D180




- Motion detector (PIR) for wall mounting outdoors
- Detection range 180°, 14 m at 2.5 m mounting height
- Switching output 1 channel light relay 230 V
- Mechanical potentiometers for range, time, and twilight
- Permanent light measurement
- Rear detection (exit-on)
- Anti-intrusion protection
- Area limitation via cover clip
- Mixed light measurement Suitable for controlling fluorescent, incandescent, and halogen lamps, as well as LEDs

- Teach-in of the current brightness value on the outdoor motion detector
- Pulse function
- Test function for checking the detection range
- Can be mounted on a flush-mounted box (60 mm)
- One-hand plug-in base mounting


Mounting type	Protection class	Angle of coverage	Detection range at 2.5 m height	LED lamp	Color	Type	Item no.
Wall mounting, outdoor	IP 55	180°	14 m	400 W	White	TECTA D180 WH	1010100
					Anthracite	TECTA D180 AN	1010101

Conventional motion detector TECTA D180i/D280i



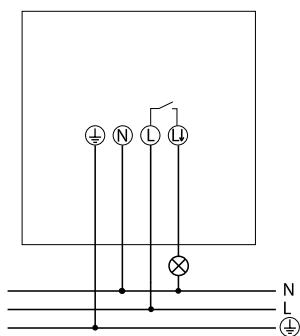
- Motion detector (PIR) for wall mounting outdoors
- Switching output 1 channel light relay 230 V
- Detection range digitally adjustable via app, no mechanical adjustment necessary
- Permanent light measurement
- Rear detection (exit-on)
- Anti-intrusion protection
- Mode selection: automatic / continuous light / D-MODE
- Can be linked in groups
- Area limitation via cover clip

- Mixed light measurement Suitable for controlling fluorescent, incandescent, and halogen lamps, as well as LEDs
- Teach-in of the current brightness value on the outdoor motion detector
- Pulse function
- Test function for checking the detection range
- Can be mounted on a flush-mounted box (60 mm)
- One-hand plug-in base mounting

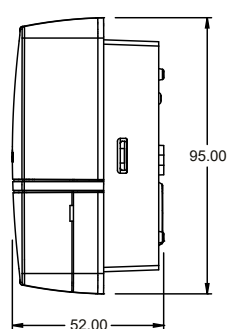


Mounting type	Protection class	Angle of coverage	Detection range at 2.5 m height	Max. mounting height	LED lamp	Color	Type	Item no.
Wall mounting, outdoor	IP 55	180°	14 m	2,5 m	600 W	White	TECTA D180i WH	1010105
						Anthracite	TECTA D180i AN	1010106
		280°	Ø 24 m	6 m	600 W	White	TECTA D280i AN	1010110
						Anthracite	TECTA D280i AN	1010111

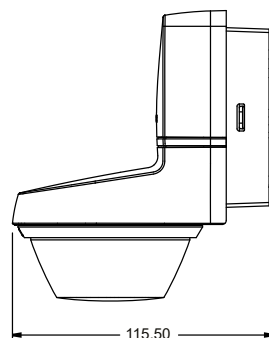
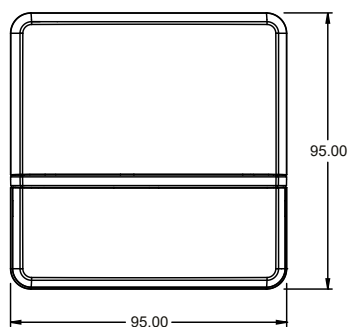
Connection example



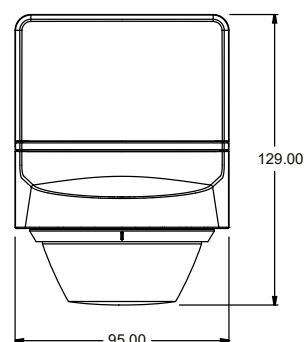
Dimensional drawings



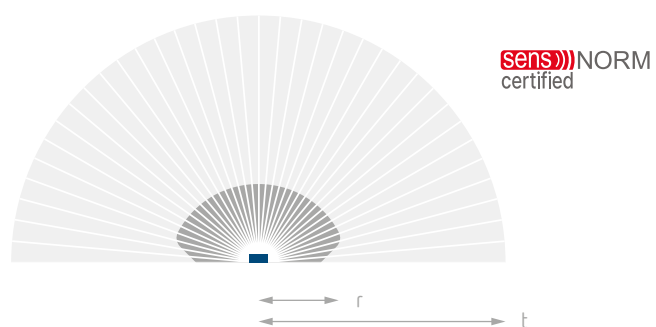
TECTA D180



TECTA D280

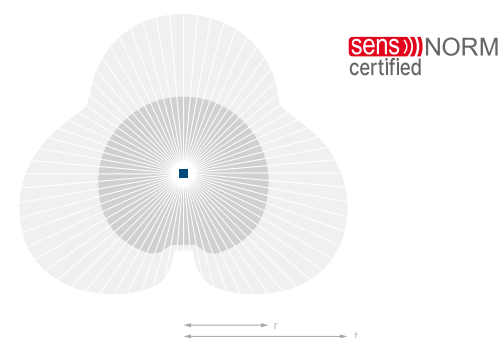


Detection areas



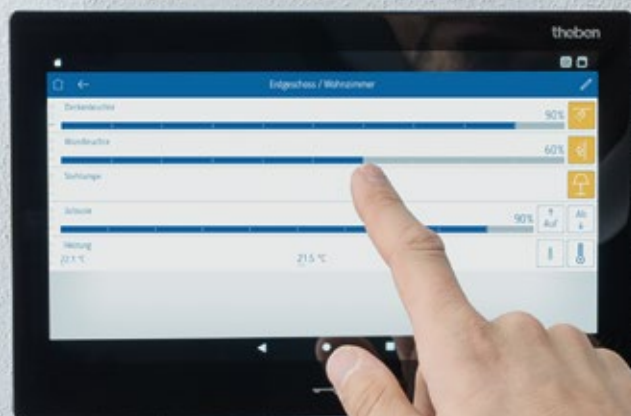
TECTA D180

Mounting height	Diagonally (t)	Head on to (r)
1,8 m	10 m	3 m
2,2 m	12 m	4 m
2,5 m	14 m	5 m



TECTA D280

Mounting height	Diagonally (t)	Head on to (r)
2,5 m	12 m	5 m
3 m	16 m	6 m
3,5 m	16 m	6 m
4 m	18 m	7 m
4,5 m	20 m	7 m
5 m	22 m	7 m
6 m	25 m	10 m



LUXORliving CP10 BK in black Item no. 4809001

Control panel LUXORliving CP10

Central control for LUXORliving

Comfort and security at a glance



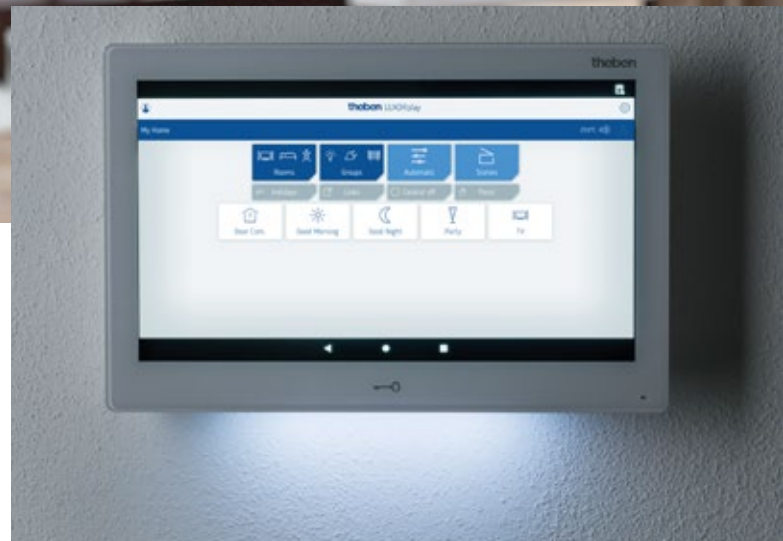
LUXORliving CP10 WH in white
Item no. 4809000

With the new 10" touch panel, controlling LUXORliving is now even more intuitive and convenient. The device offers a central operating and display option for the smart home system and comes with the LUXORplay app pre-installed.

With its attractive and modern design, the panel blends harmoniously into any living environment. A smart choice for electricians who want to offer their customers a user-friendly and expandable smart home solution.



Practical orientation light:
The panel has a "downlight" – indirect lighting on the underside that can also be switched on and off at set times.



- **Intuitive operation** of all LUXORliving functions via the large touch display
- Door **communication** can be integrated
- In systems with multiple panels, these can be used as **an intercom system**
- **IP camera display:** Direct integration of HikVision IP cameras
- **Time-controlled downlight:** Under-panel lighting that can be controlled manually or automatically
- **Bluetooth pairing** for hearing aids possible (AAL)
- **Flexible power supply:** Via PoE or 12V

KNX Secure: Your security advantage in smart homes and smart buildings

Whether it's protecting privacy in the smart home or protecting sensitive data in the smart building, it is now more important than ever to prevent data theft and manipulation in networked building technology. And the EU Cyber Resilience Act, which will come into force in 2025, also requires high security standards for building automation components. This is where KNX Secure comes into play.

You can find these and other Theben products with KNX Secure at a glance at:

[www.theben.de/solutions-en-gb/
knx-solutions/knx-secure/](http://www.theben.de/solutions-en-gb/knx-solutions/knx-secure/)



LUXORliving Control Panel



- Control center for LUXORliving and indoor station for video/intercom systems
- Also suitable for the LUXORliving Smart Start wireless system
- High-resolution 1024 x 600 pixel 10" HD LCD color display with touchscreen
- For combination with video/intercom systems from Metzler and Hikvision
- Integrated microphone and loudspeaker
- Integrated LUXORplay app
- Communication via WLAN or Ethernet
- Power supply via PoE, 12 V via separate power supply also possible
- Compact dimensions of only 256 x 167 x 28 mm

Color	Type	Item no.
White	LUXORliving CP10 WH	4809000
Black	LUXORliving CP10 BK	4809001

KNX motorized actuator



- Motorized KNX actuator for heating and cooling valves
- Integrated temperature sensor
- Integrated controller for efficient heating and cooling with one additional stage each
- With pre-assembled connection cable, 10 m long
- High actuating force of up to 220 N with a maximum valve stroke of 8 mm
- 2 universal binary inputs, connection option e.g. for external temperature sensor, window contact, presence detector or push button
- Integrated logic for up to 10 window contacts
- Can be used in heating circuit distributors
- Integrated bus coupler
- Automatic valve adaptation
- Universally applicable thanks to a wide range of valve adapters
- 2 different valve adapters for the most common valves M30x1.5 and Danfoss included (VA 10, VA 100)
- Secure commissioning and communication through support of KNX Data Secure

Type	Item no.
CHEOPS S 10m KNX	7319207

KNX time switch



- Digital time switch with annual and astro program
- App programming possible thanks to integrated BLE module
- Time synchronization by connecting an external DCF or GNSS antenna, with GNSS additional position determination for Astro program
- Secure commissioning and communication through support of KNX Data Secure
- DuoFix spring-loaded terminals for 2 conductors each
- Text-oriented user guidance on the display
- 800 memory locations
- Interface for OBELISK top2 memory card (PC programming)
- 10-year power reserve (lithium battery)
- ON-OFF switching times, pulse program, cycle program
- Extensive year clock functions
- Astronomical switching function (automatic calculation of sunrise and sunset times for the whole year)
- Circuit preselection
- Continuous ON/OFF
- Expiry timer
- Integrated operating hours counter
- Holiday program
- 2 random programs
- Display illumination (can be switched off)
- PIN coding
- Automatic summer/winter time changeover
- Time and date synchronization with other bus participants

Type	Item no.
TR 648 top3 RC KNX	6489130 *

* Available from September 2025



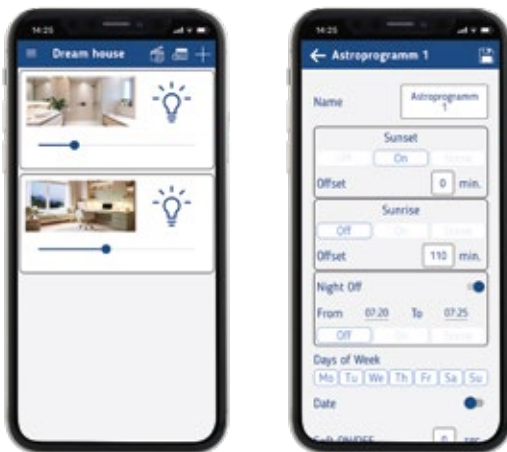
Retrofit without
neutral conductor
but with app!

The world's smallest dimmer

Now it's really smart

DIMAX 540 APP B

The DIMAX 540 APP B mini dimmer is an excellent solution for reliable, space-saving, and smart lighting control. Thanks to the app and Bluetooth Mesh communication, it offers even more programming convenience compared to the popular DIMAX 540 plus B. And it is only slightly larger than the small DIMAX 540 plus B!



Groups and scenes

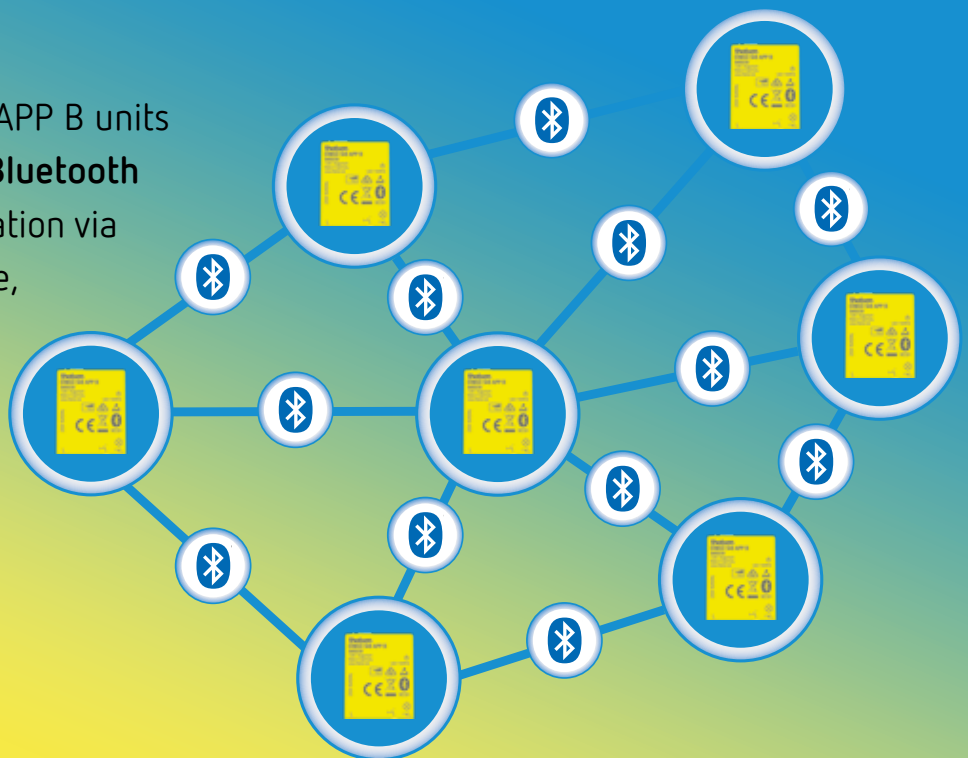
- A "bathroom" scene can dim all the lights in the room at the same time.
- Create mood scenes: dining, working, or relaxing with dimmed lighting

Astro function

- Outdoor lighting: Lights switch on automatically at sunset and off at sunrise.
- Shop window lighting: Automatic switching on and off based on daylight.
- Interior lighting: Gentle dimming or switching on to suit the time of day.



Any number of DIMAX 540 APP B units can be integrated into the **Bluetooth Mesh network**. Communication via Bluetooth is efficient, secure, reliable, and scores points with with extended Range. If one dimmer fails, another dimmer takes over control.



Time and light control

Twilight switch / dimmer

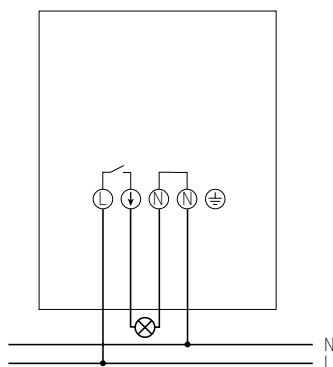
Analogue twilight switch - Wall mounting / mast mounting



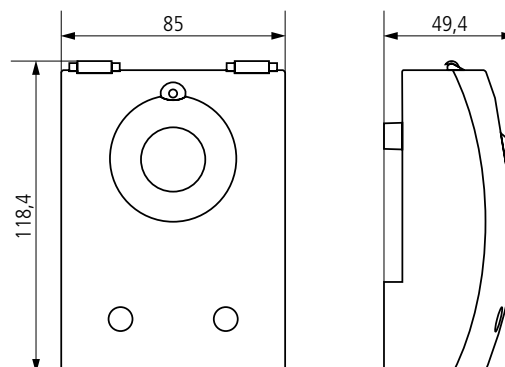
- Twilight switch with integrated light sensor
- Fixed on and off delay
- Switching brightness continuously adjustable
- Cable entry possible from rear and bottom
- Captured screws
- Large terminal compartment
- Brightness setting possible without opening the device from the outside
- Large light incidence angle (approx. 180 degrees)
- Switching brightness continuously adjustable

Number of channels	LED lamp	Color	Adjustment range brightness	Type	Item no.
1	350 W	Anthracite	2 - 200 lx	LUNA 126 star E AN	1260910
		Anthracite		LUNA star AN adapter plate	9080044

Connection example



Dimensioned drawing



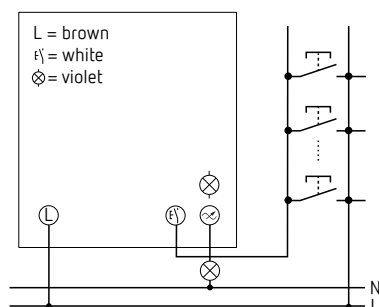
Flush-mounted Dimmer



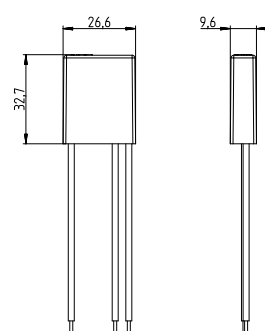
- Flush-mounted dimmer for R and C loads
- No neutral conductor required
- Controllable and programmable via Bluetooth using an app or push button
- Can be networked and expanded via Bluetooth Mesh
- Lighting scenes and astro program
- App for Android and iOS
- Cable length up to 100 m possible, also suitable for two-way circuits with larger distances and multiple push buttons
- Easier selection of the optimum dimming value thanks to extended dimming speed of 5 seconds
- Optimized settings for LEDs, incandescent and halogen lamps
- Fully encapsulated electronics
- Small design, perfect for retrofitting
- Temperature cut-off
- Overcurrent shutdown
- Short-circuit protection
- Memory function, stores the last light setting and dims to this value when switched on again
- Minimum brightness function (10% in delivery state, adjustable)

LED lamp	Programming via app	Stand-by power	Type	Item no.
Phase cut-off: 150 W	✓	0.5 W	DIMAX 540 APP B	5400230

Connection example



Dimensioned drawing





LUNA 126 star E now also available in elegant anthracite!

The anthracite-colored housing variant blends discreetly into dark facades and emphasizes the clear architectural language of modern residential and functional buildings. And all this without compromising on function or quality.

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Subject to technical changes
and improvements.

