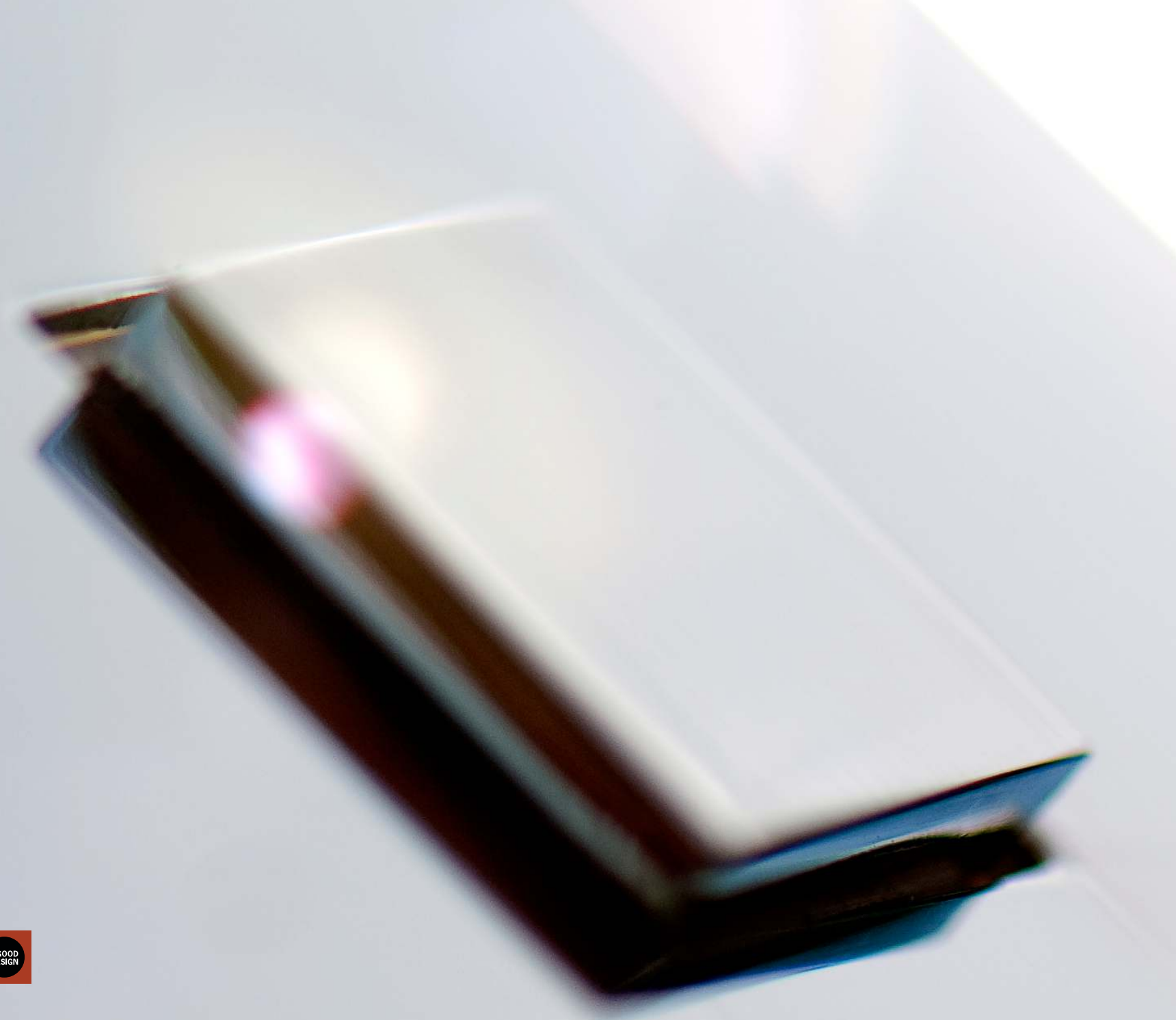




**Lithoss<sup>®</sup>**  
DESIGNED SWITCHES



### Design

A square in its mathematical definition is just a four-sided equilateral polygon with 45° corners, but in the world of Lithoss it holds a unique significance. Designer Bart Spillemaeckers saw the square as the basic element from which he could create an exceptional range of switches and sockets. Lithoss design is a striking manifestation, is a melting pot of experience, is professional know-how and is a definite feel for aesthetics.

A switch often seems a trivial element in an interior design. For many people it is of little importance. With its range of switches and sockets, Lithoss is proving them quite wrong. It is rare indeed to find a design for a cover plate which can be as tightly integrated into any interior as the Lithoss range. Switches and sockets have become more than just something to turn on the light with or somewhere from where to draw power. Lithoss can be surface-mounted on the wall but can also be mounted flushly into the wall. The design becomes a part of the whole and creates a balanced space.

Bart Spillemaeckers' design is clean, sober and simple. This distinctive form has the rare property of being in perfect equilibrium with its surroundings, be the style modern or classic. A characteristic that bears witness to aesthetic maturity.

Lithoss is the winner of Design Plus, the Red Dot Award and the Good Design Award (Chicago).

### Materials

The natural simplicity of the design can also be seen in the choice of materials. Brushed stainless steel is a natural material which is specially treated to give it the unique ability to absorb light. That allows it to reflect nearby colours and objects in a distinctive manner. The switches and sockets in other materials can form an abstract mirror of the interior.

Lithoss cover plates are available in an extensive range of finishes, and can be combined into a collection which never end.

The materials used are regularly subjected to a process of radical innovation, and the range just keeps evolving. Today the range offers eight highly diverse finishes. Customizing is also available: the cover plates can be produced in any RAL colour. This allows interior designers to fit switches in an identical finish to the walls if contrast is not desirable.

Lithoss is a premium product. Exclusivity goes hand in hand with the meticulous production process. Every plate is finished by hand after the machine process. This craftsmanship means that each plate is a unique individual; each plate is a rare masterpiece.

### Modulability

Despite the striking aesthetic approach to this everyday product, Lithoss never loses sight of the primary, functional aspect of the switch. Lithoss is a real chameleon; the cover plates can be combined with almost every modular product and hard work is under way to extend the range so that Lithoss will be compatible with most of the commonly known module suppliers.

To customise the switches, symbols can be screen printed onto the buttons or plates. This ensures that each cover plate is unique, and highly functional.

To finish installation, plaster kits have been designed which make it possible to fit the plates precisely and flush with the wall. As well as a low voltage version, the 250V model also allows the product to be used in renovation work.

Lithoss is also very easy to integrate with other systems such as KNX/EIB, Bose or the central vacuum cleaning system of our sister company Elek Trends, most home automation systems and designer lighting. A LED module can be used to create stylish a direction marker.

Inexhaustible potential with perfect form.

# Editorial



reddot design award  
winner 2006










DESIGN PLUS



Product designed by Bart Spillemaeckers

# Symbols

library technical specifications

-  SB1T
-  SB2T
-  SB3T
-  SB4T
-  SBMG
-  SBMK
-  SBXT
-  SBQLW/SBQLB
-  SBB2M
-  SB11T
-  SB22T
-  SB42T
-  SB44T
-  SBMMG
-  SB1TMG
-  SB2TMGR
-  SB2TMGL
-  SB4TMG
-  SB3MT
-  SB4MT
-  SBB22M
-  SBMMM

-  IP 41 IP rating
-  European comformity
-  Ghost R certification (Russia)
-  Indoor application
-  Wall surface mounted
-  Wall recessed mounted

# Products

03	Editorial	12	SELECT - Laiton	18	SELECT - Fusain	24	IMMIX
08	SELECT - RAL9010	14	SELECT - Nickel	20	SELECT- Bronze	30	ILLUME
10	SELECT - Stainless Steel	16	SELECT - Chrome	22	SELECT - Custom RAL	40	Articles & Accessories



# SELECT

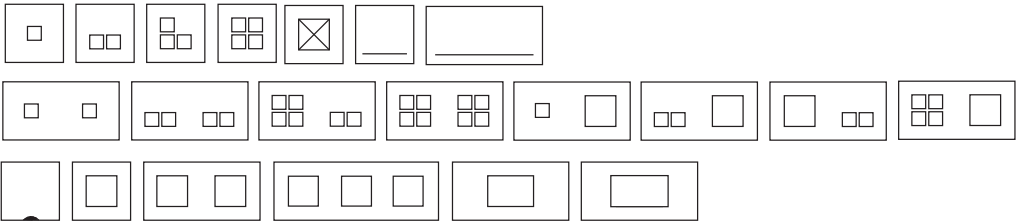
choose from the timeless classics



For the campaign image of the SELECT range, the choice was made to use a sophisticated woman, who pays a lot of attention to the way she looks and presents herself. A woman who has a contemporary, yet traditional and exclusive taste. The unique Lithoss design in combination with the exclusive handmade finishings such as the brushed stainless steel, polished chrome, genuine bronze and fusain, integrate perfectly into her exclusive lifestyle.

The slogan “Choose from the timeless classics” reinforces the timeless qualities of our design switches.

## Available forms (\*)



## Available colours

STAINLESS STEEL	FUSAIN	LAITON	CHROME	TEXTURED RAL9010	CUSTOM RAL
RAL 9010	BRONZE	NICKEL	SOFT TOUCH (RAL 9010)	TEXTURED RAL9011	TEXTURED CUSTOM RAL

## Available connections

- » 24V Pushbutton
- » 24V Pushbutton + LED
  - » Orange
  - » Blue
  - » White
- » 30V KNX
- » 30V KNX + White LED
- » 250V Pushbutton
- » Mounting frames for modules (p. 40)

(\*) A vacuum socket in the same range is available : ref. SBETP  
(\*) For vertical installation of our products, horizontal brushing is possible *on request*

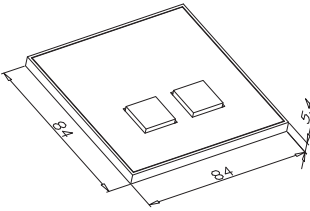
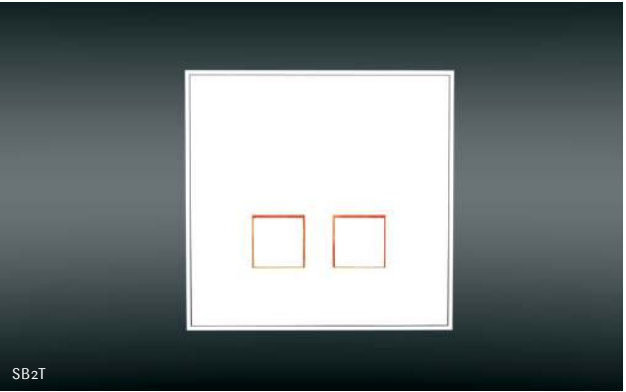




# RAL 9010

In many contemporary interiors the original plaster walls are featured, uncovered and unpainted. RAL 9010 has a fine white finish which makes the plates all but invisible when recessed into the plaster wall. A perfect part of the whole.

Available in Standard, Textured and Soft Touch finishes



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

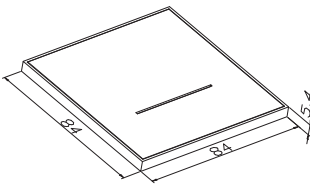
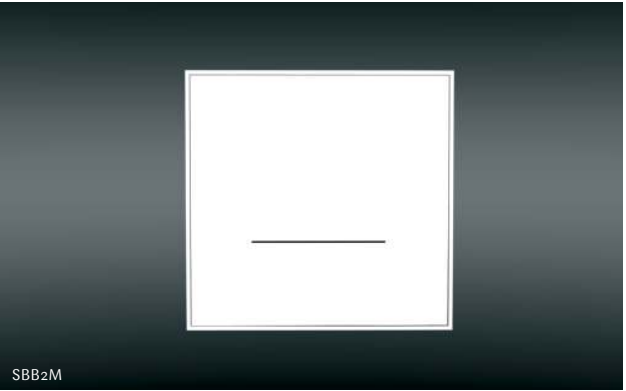
Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- buttons

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



Accessories: Plaster kit

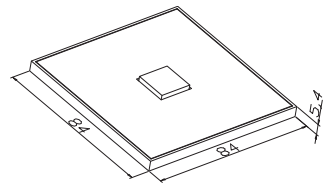
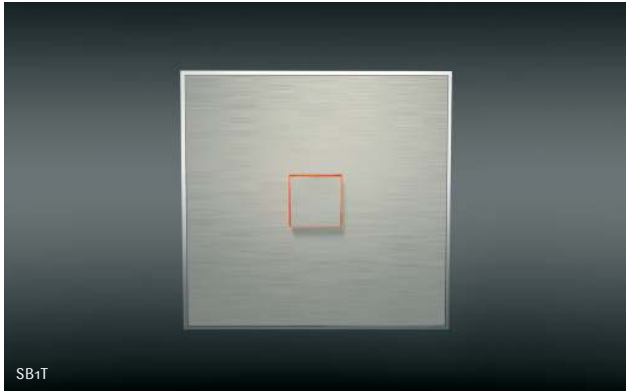
Parts included:

- frame
- cover plate
- mounting frame
- hook



# Stainless Steel

The fine brushing on the stainless steel surface gives the product a distinct quality. The polished outer side of the switch is accentuated by its modest appearance. The stainless steel finish shows the cover plate in its most sober form, with its coarsest texture.



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

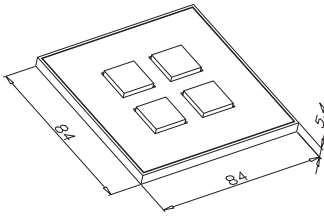
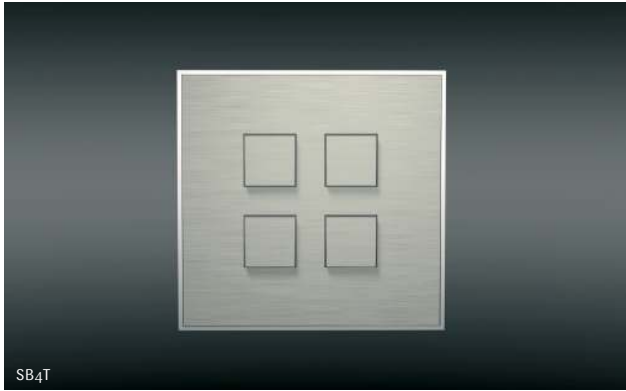
Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- button

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- buttons

Optional parts:

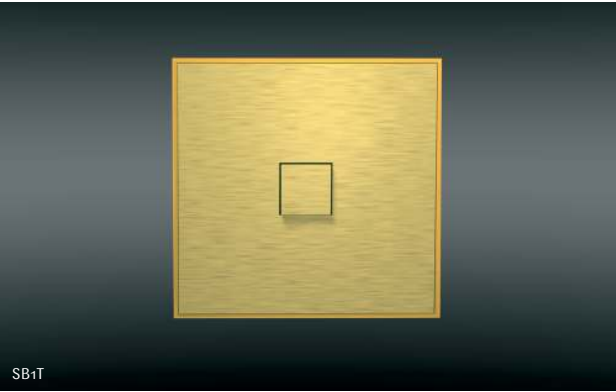
- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



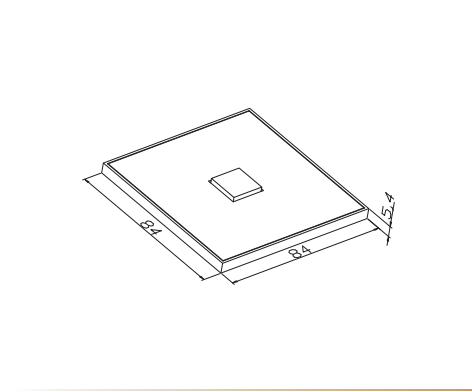


# Laiton

The golden finish of Lithoss' Brass caresses the eye. The radiance of a precious metal gives the cover plate an exclusive cachet. Once gold was the symbol for purity. For Lithoss this means the pure line of the switch, in equilibrium with its surroundings.



SB1T



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

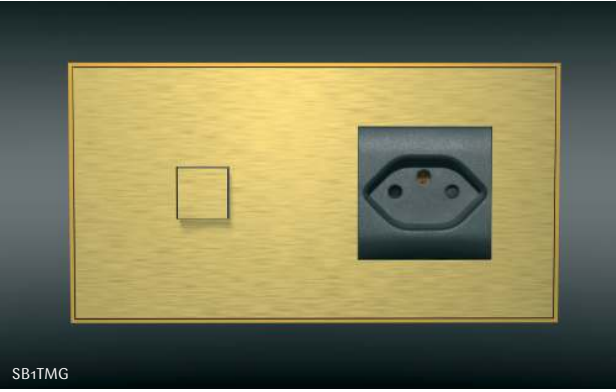
Accessories: Plaster kit

Parts included:

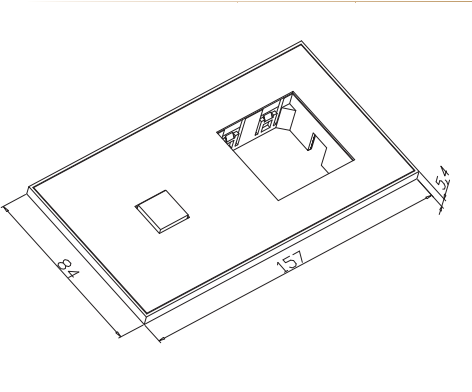
- frame
- cover plate
- mounting frame
- hook
- button

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



SB1TMG



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frames
- hook
- button

For mounting max 2 modules.

Optional parts:

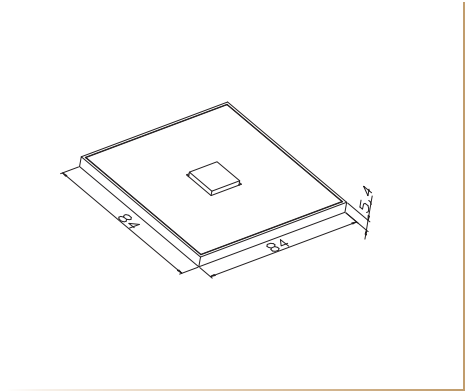
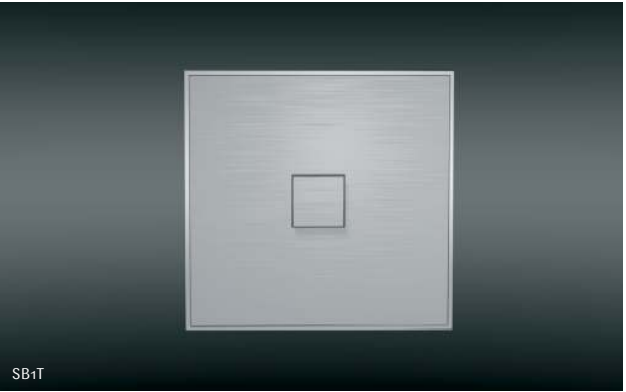
- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED





# Nickel

This highly polished Nickel is an eye-catcher in an interior. It has the appearance of brushed steel and sparkles like a diamond.



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

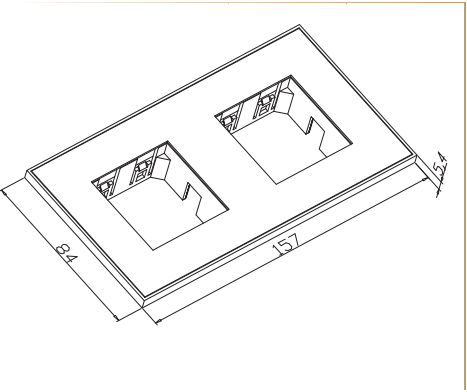
Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- button

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED

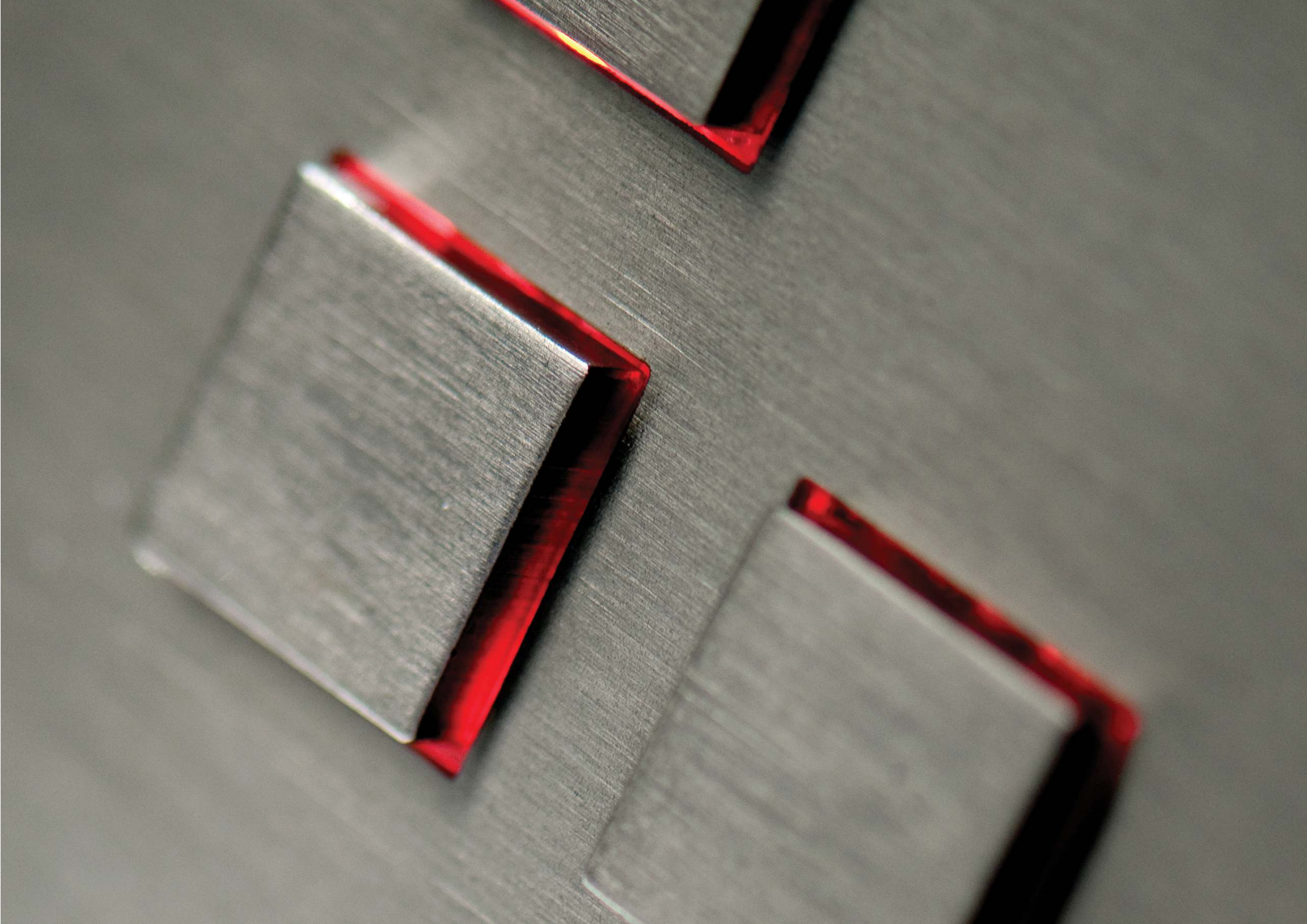


Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frames
- hook

For mounting max 2x2 modules.



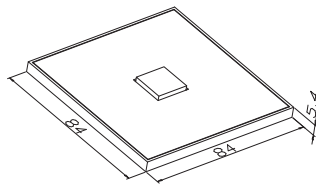


# Chrome

The Chrome version is very special and remarkable.  
The white polished chrome is a shiny metal that reflects  
everything from its environment, just like a mirror.



SB1T



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

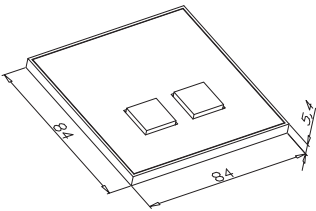
- frame
- cover plate
- mounting frame
- hook
- button

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



SB2T



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- buttons

Optional parts:

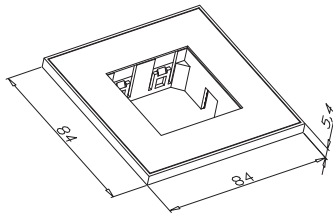
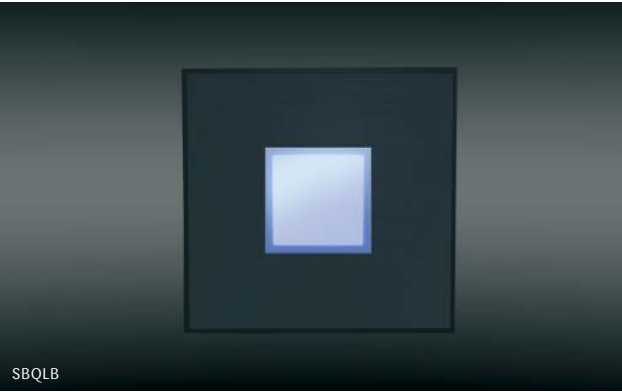
- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED





# Fusain

With its anything but contemporary feel, Fusain seems an odd man out in the range. However it is just a logical step forward in switches and sockets. An almost carbon black finish lends the interior a note of distinction and stands out from the almost boundless mass.



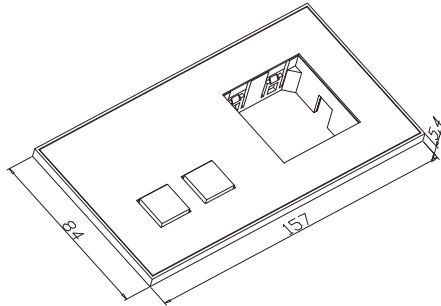
250V - 0,6W (to be connected directly to 250VAC)

Accessories: Plaster kit

Parts included:

- frame
- protection frame
- cover plate
- LED mounting frame (Low consumption)
- hook

Available in the colours white and blue



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frames
- hook
- buttons

For mounting max 2 modules.

Optional parts:

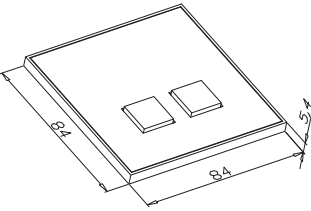
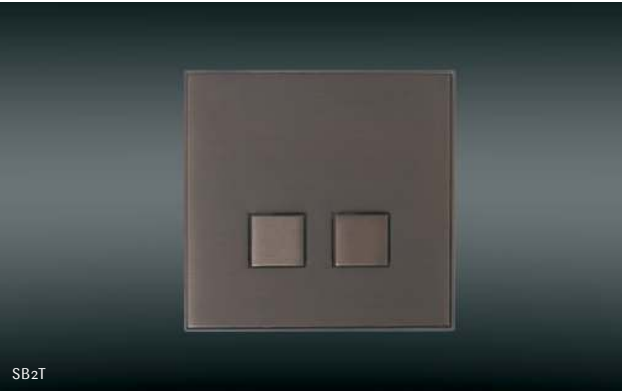
- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED





# Bronze

Bronze is one of the earliest materials used by mankind. Lithoss applies this material to its contemporary cover plates. The craftsmanship with which the bronze is worked means that each plate and each switch has its own colour. Not so much a difference but rather a display of uniqueness.



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

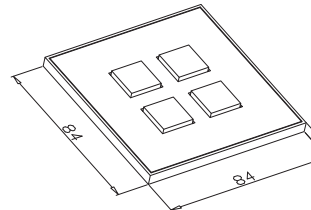
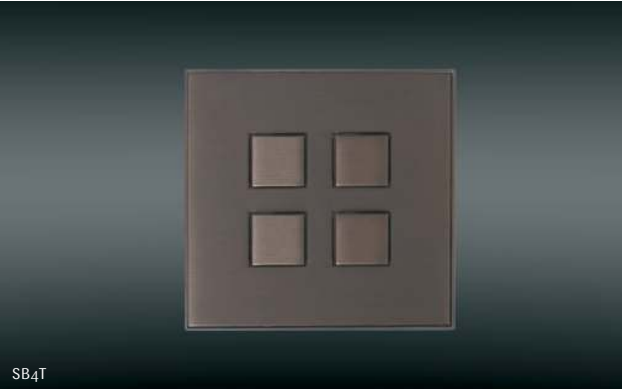
Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- buttons

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- buttons

Optional parts:

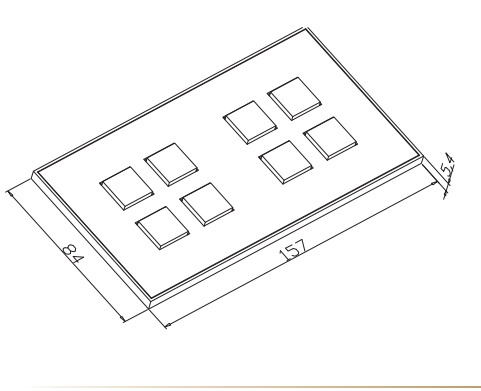
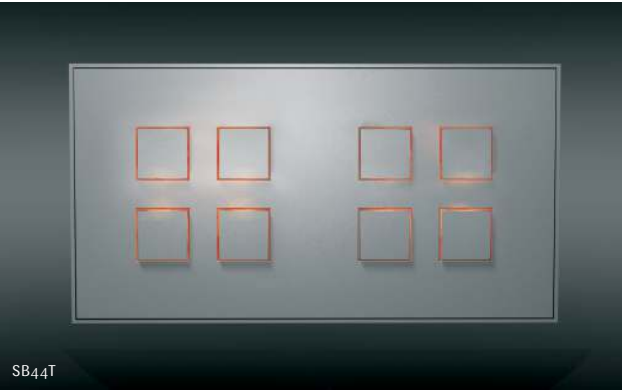
- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



# Custom RAL

Lithoss lets you choose the colour of the cover plates yourself from the RAL colour chart. Whether this is to make the plates disappear into the walls or to give them a strong contrast, the options are almost endless.

Available in Standard, Textured and Soft Touch finishes  
Minimum order quantity : 10 pieces



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

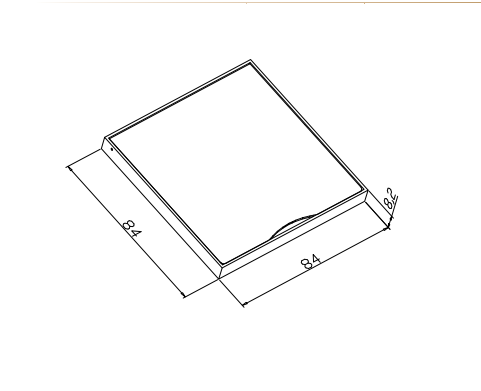
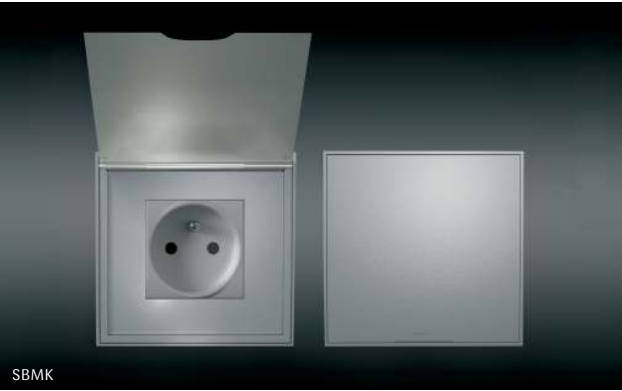
Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frames
- hook
- buttons

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook

For mounting max 2 modules.





# IMMIX

imagine & mix

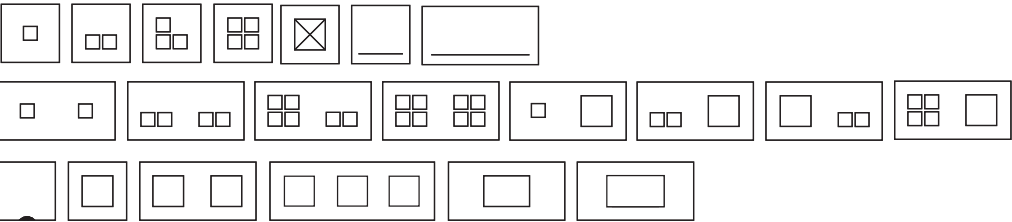


For our second product group IMMIX, we have chosen for a modern, self-assured woman. She likes the same traditional handmade finishings but likes to give her own twist and interpretation to it. The vitality of this woman in the image represents the possibilities that this collection has to offer. There are over 50.000 possible combinations for you to choose from in order to design your own personal switch.

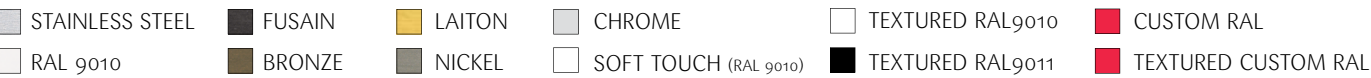
In the campaign image the combination of Black & Gold is shown (Brushed Brass in combination with painted black). The slogan “imagine & mix” says it perfectly: choose the colours that appeal to you and mix them into a creation of your own. Examples of other possible combinations: White & Chrome, Stainless Steel & Fusain, Black & White.

Surprise us with your creation!

### Available forms (\*)



### Available colours



### Available connections

- » 24V Pushbutton
- » 24V Pushbutton + LED
  - » Orange
  - » Blue
  - » White
- » 30V KNX
- » 30V KNX + White LED
- » 250V Pushbutton
- » Mounting frames for modules (p. 40)

(\*) A vacuum socket in the same range is available : ref. SBETP  
(\*) For vertical installation of our products, horizontal brushing is possible *on request*



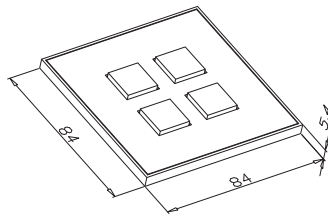


example 1

# White & Chrome

Mix any of the existing colours (button, cover plate and frame) and create your own look. Choose the finish of your frame and button(s) and mix it with a second finish for the cover plate.

In this example, the painted RAL colour white combined with the high polished buttons in chrome creates an amazing, modern look.



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

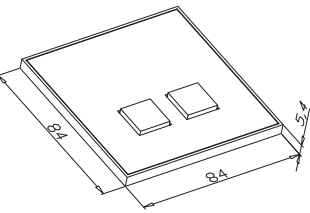
Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- buttons

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- buttons

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED



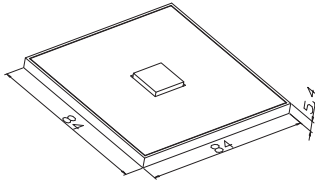
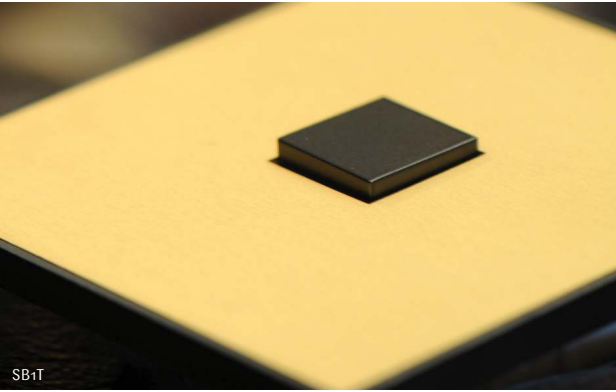
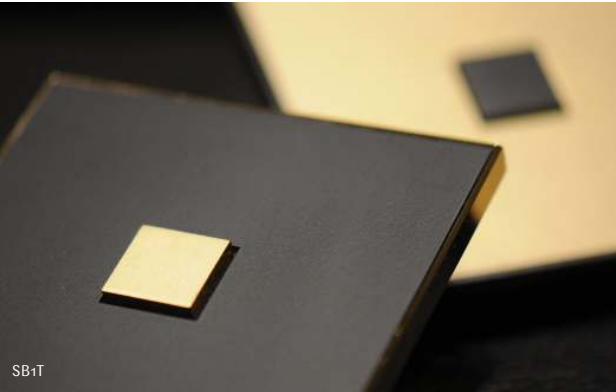


example 2

# Black & Gold

Mix any of the existing colours (button, cover plate and frame) and create your own look. Choose the finish of your frame and button(s) and mix it with a second finish for the cover plate.

In this example we mixed Black & Gold and Gold & Black. The painted black button and frame merges perfectly with the brushed brass cover plate. If we combine the colours in the opposite manner, we also have a perfect match.



KNX : 30VDC  
24 V pb: Max. 25 mA  
250 V pb: Max. 1 A

Accessories: Plaster kit

Parts included:

- frame
- cover plate
- mounting frame
- hook
- button

Optional parts:

- 250 V pb: protection frame, clamps
- 24 V + LED: connector, spacer, LED





# ILLUME

*bring your vivid imagination to light*



ILLUME is our third and most recent product range. For this image, we have chosen a mysterious, futuristic woman who is always on the look-out for the latest trends in technology and functionality. The ILLUME range is perfect for her because it offers the functions, switch, technology and lighting all in one element.

The frame diffuses the light on 4 sides which allows to create atmosphere. The “glow in the dark” determines the theme for each room, whether it is bright white, intense red, warm amber or powerful blue.

A switch and orientation light in one *brings your vivid imagination to light*.

## Available forms



## Available colors

STAINLESS STEEL	FUSAIN	LAITON	CHROME	TEXTURED RAL9010	CUSTOM RAL
RAL 9010	BRONZE	NICKEL	SOFT TOUCH (RAL 9010)	TEXTURED RAL9011	TEXTURED CUSTOM RAL

## Available LED colours

Red, blue, white, orange

## Extra's

Illume blind plate  
RGB controller

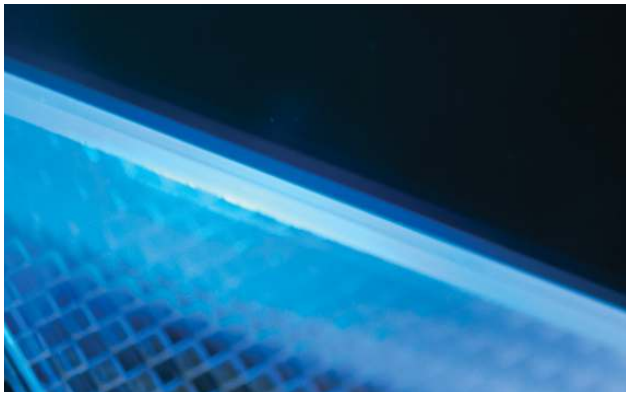
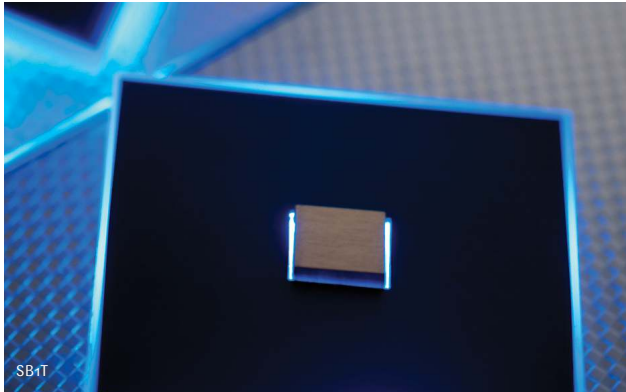




example 1

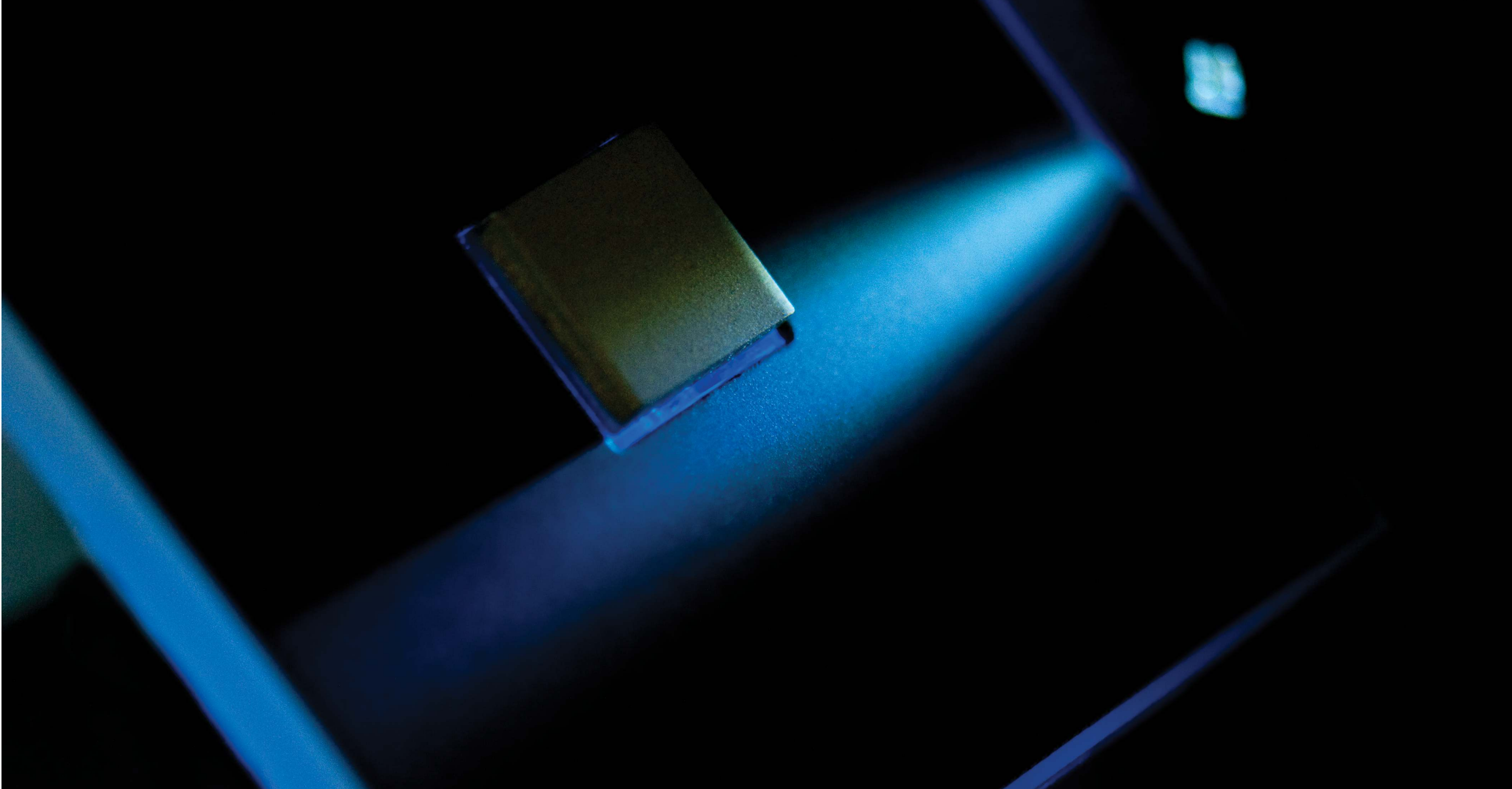
# Blue LED'S

Four LED's are fitted to the sides of the print circuit board in a 90° angle. They illuminate the frame and form a blue glow around it.



24 VDC

- Parts included:
- frame
  - cover plate
  - mounting frame
  - hook
  - button





example 2

# Red LED's

Four LED's are fitted to the sides of the print circuit board in a 90° angle. They illuminate the frame and form a red glow around it.

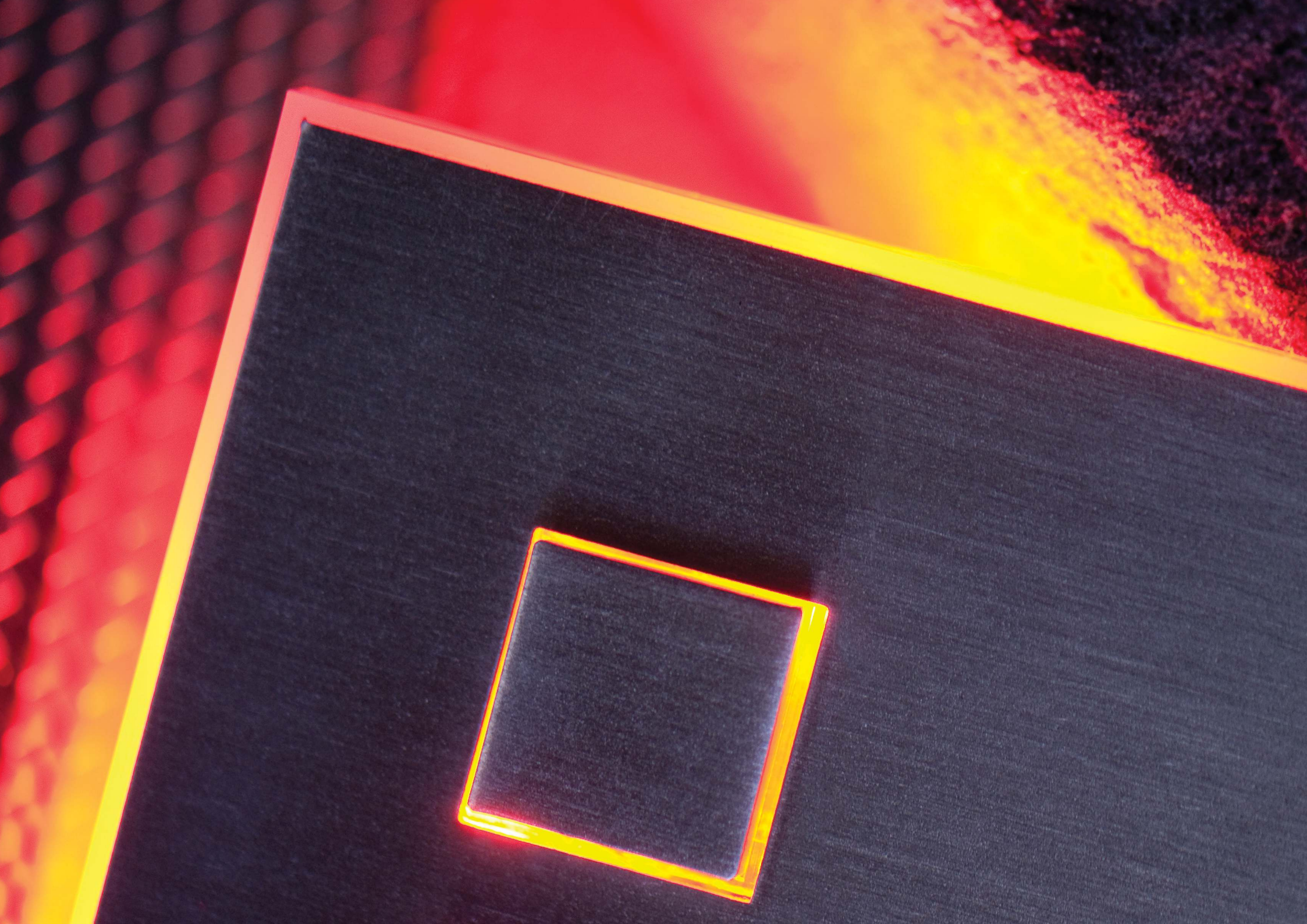


24 VDC

- Parts included:
- frame
  - cover plate
  - mounting frame
  - hook
  - buttons

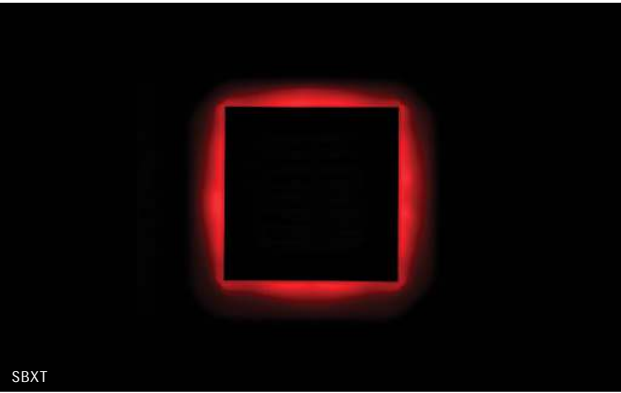
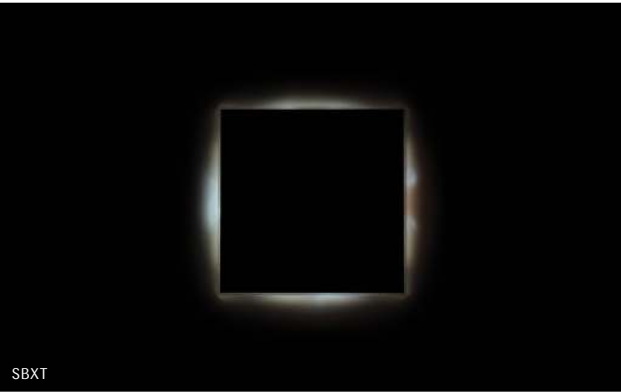






# Blind plate

The ILLUME switch can be easily transformed to an orientation light by removing the cover plate and adding a blind plate.



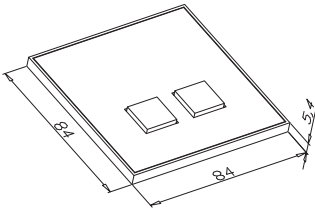
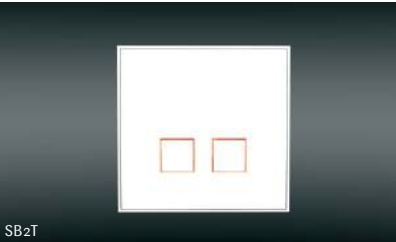
24 VDC

Parts included:

- frame
- cover plate
- mounting frame
- hook

# RGB controller

RGB systems are very popular and important to create atmosphere. Current controls, however are unnecessarily complex and expensive. That's why we have developed a simple system that “does the job” - nothing more.



- Parts included:
- frame
  - cover plate
  - mounting frame with RGB controller
  - hook
  - buttons

## Available versions

### constant voltage

Input 12V = Output 12V	max 50W/Channel
Input 24V = Output 24V	max 50W/Channel

### constant current

Input 12V = Output 350mA DC	max 4W/Channel
Input 24V = Output 350mA DC	max 8W/Channel
Input 48V = Output 350mA DC	max. 16W/Channel

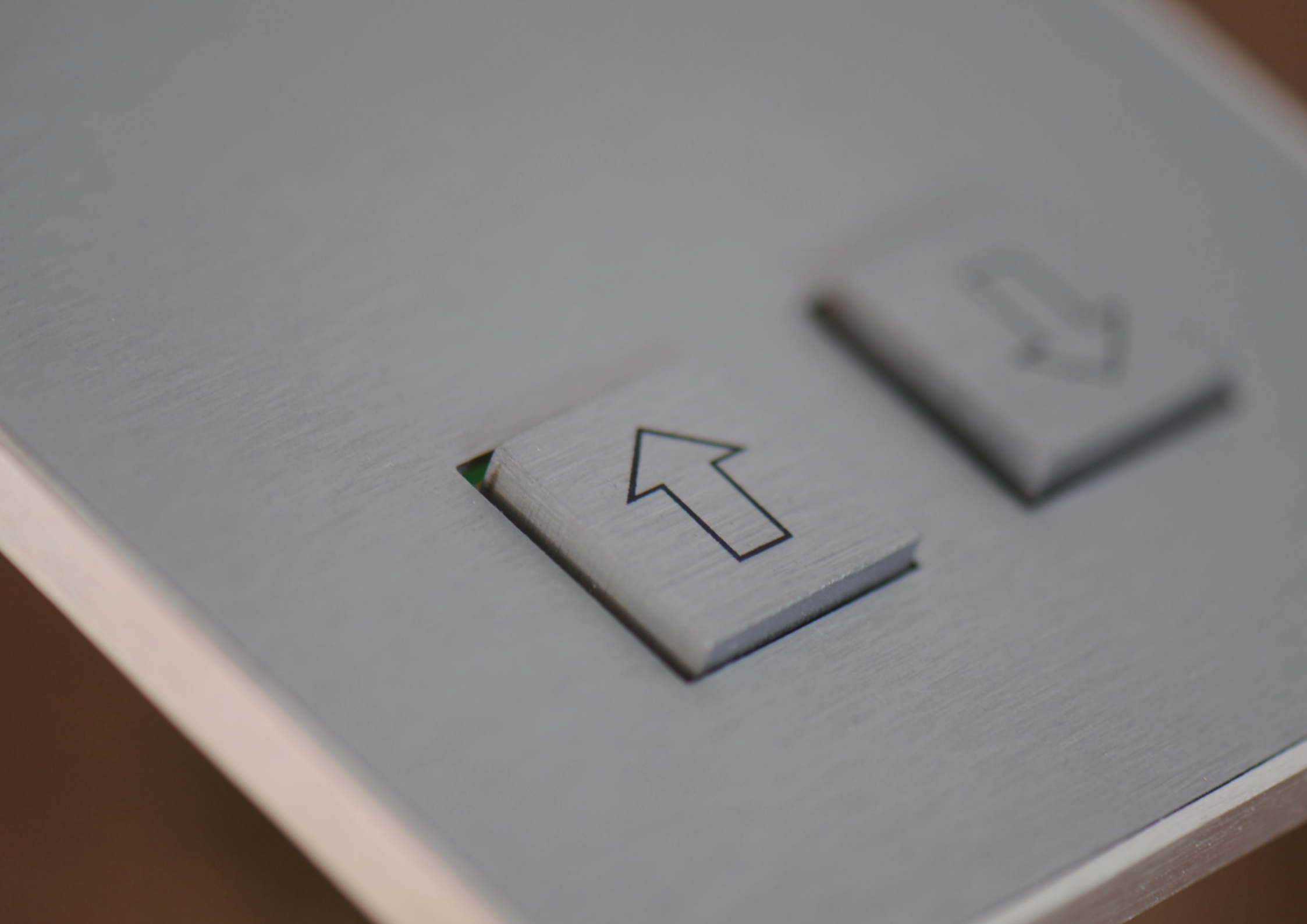


# Symbol Library

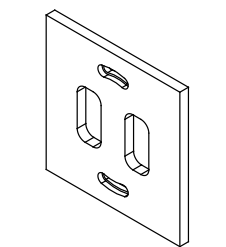
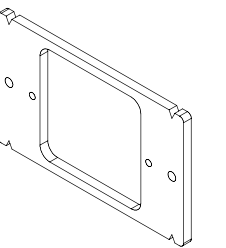
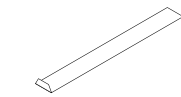
To personalize our switches, text or symbols can be printed on the buttons and on the cover plate. These symbols are printed with a special silk-screen process in each colour. For example, on a fusain (black) button, you can place for example a silver symbol or text phrase.

The Lithoss icon library contains 80 symbols. Other symbols can be printed when quality images are supplied.

1	raise temperature	11	kitchen	21	garden lights	31	music source	41	pool room	51	left	61	volume up	71	leave
2	lower temperature	12	power standby	22	tennis court	32	night mode	42	elevator	52	right	62	volume down	72	home
3	wine cellar	13	sunny mode	23	1 light	33	gate closed	43	fast forward	53	up	63	all lights off	73	sauna
4	plasma tv	14	armed	24	2 lights	34	gate open	44	rewind	54	down	64	all lights on	74	bar
5	dining room	15	curtains closed	25	3 lights	35	table lamp	45	index fast forward	55	patio	65	floor lamp	75	living room
6	cd	16	curtains open	26	4 lights	36	cloudy mode	46	index rewind	56	study	66	bathroom	76	home cinema
7	dvd	17	doorbell	27	5 lights	37	mp3	47	stores closed	57	25 %	67	bedroom	77	airco up
8	sprinklers	18	spa	28	6 lights	38	radio	48	stores open	58	50 %	68	dog	78	airco down
9	garage closed	19	vacation	29	7 lights	39	mute	49	play	59	75 %	69	fan	79	master off
10	garage open	20	babysit	30	8 lights	40	fireplace	50	stop	60	100 %	70	swimming pool	80	master on







# Articles and Accessories

## Plaster kits

- Li41001 : Plasterkit 1 (84 x 84 x 5,4mm)
- Li42001 : Plasterkit 2 (84 x 157 x 5,4mm)
- Li43001 : Plasterkit 3 (84 x 84 x 8,2mm)
- Li44001 : Plasterkit 4 (84 x 224 x 5,4mm)

## Adaptation plate

- Li44200 : Adaptation plate for wall box Bticino 503
- Li44201 : Adaptation plate for wall box Bticino 504
  - » Designed for mounting single Lithoss frames
- Li44202 : Adaptation plate for wall box Bticino 506
  - » Designed for mounting a double Lithoss frame

## LED connector

- Li46100 : 1T LED Connector without resistor
- Li46300 : 1T LED Connector with resistor (560 Ohm) - 12VDC
- Li46400 : 1T LED Connector with resistor (1200 Ohm) - 24VDC
- Li47100 : 2T LED Connector without resistor
- Li47300 : 2T LED Connector with resistor (560 Ohm) - 12VDC
- Li47400 : 2T LED Connector with resistor (1200 Ohm) - 24VDC
- Li48100 : 4T LED Connector without resistor
- Li48300 : 4T LED Connector with resistor (560 Ohm) - 12VDC
- Li48400 : 4T LED Connector with resistor (1200 Ohm) - 24VDC

## Hook

- Li49000 : Removing tool for cover plates

## Micromodules - wall box version

All modules are also available in modular version



### Telerruptor (MTR500-E)

This micromodule makes it possible to command a lighting circuit with different push buttons.  
Not for fluorescent lighting or economic light bulbs

### Dimmer (MTV500-E)

This micromodule makes it possible to dim a lighting circuit.  
Not for fluorescent lighting or economic light bulbs

Dimensions : 40 x 40 x 12mm



### Roll-down unit (MVR500-E)

This micromodule is used for steering stores, roll-down curtains, ...

Dimensions : 45 x 32 x 20mm

### R12M

Convert the 2 commands “up” & “down” of a double push button over the same wire

### D600V

Diode to centralise on one master button



### Telerruptor (ESR61M)

This micromodule makes it possible to command a lighting circuit with different push buttons.

Dimensions : 45 x 55 x 32 mm

### Dimmer (EUD61M)

This micromodule makes it possible to dim a lighting circuit.

Dimensions : 45 x 55 x 18 mm

# Modules

Sockets and other connections exist in different module widths.

- A few examples:
- 1 module: RJ11, RJ45, TV-connector, ...
  - 2 modules: Shuko outlet, TV/FM connector, ...
  - 3 modules: Shaver outlet hotel, badgereader, ...

All MG mounting frames have space for exactly 2 modules.  
The SB3MT and SB4MT offer space for 3 and 4 Bticino modules.  
The SBMK should only be used for sockets.

Lithoss is compatible with the following brands of sockets :  
Bticino (living, light and light tech), Legrand (mosaic), Hager (systo),  
Peha (Modul 45) and Vimar (Eikon).  
These modules are available in 3 colours : Anthracite, white and grey.  
Exception : Legrand and Hager are only available in white.

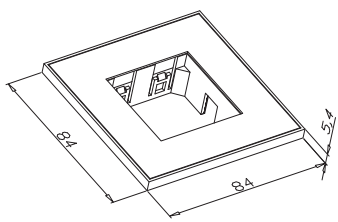
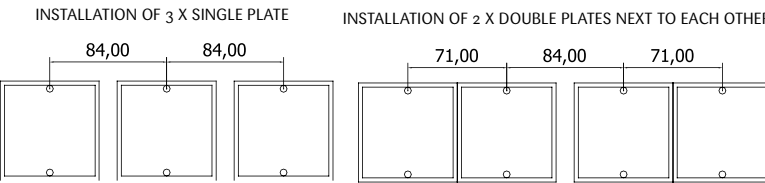
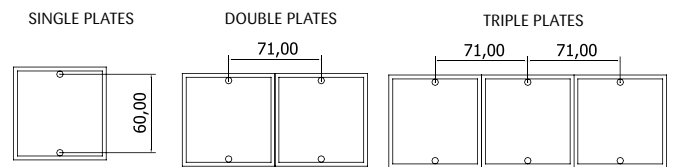
Compatibility with other brands or sockets = on request.

# SBQLW/SBQLB



# Wall boxes

Lithoss switches should be installed on wall boxes with screws (screw distance : 60mm)!  
Please inform yourself before installing the wall boxes.



250V - 0,6W (to be connected directly to 250VAC)

Accessories: Plaster kit

Parts included:

- frame
- protection frame
- cover plate
- LED mounting frame (Low consumption)
- hook

Available in the colours white and blue

“Simplicity in design and use, in balance with space and interiors, brought together in a square of steel”

