

World Innovation

TOUCH®

The world's first dimmer that also dims
some non-dimmable LED and energy
saving lamps.

BECOME THE MASTER OF LIGHT



TEM
www.touch.si

ENERGY-SAVING LAMP DIMMING IS EXPENSIVE - OR IMPOSSIBLE.

In the times of classic bulbs, dimming was simple, pleasant and economical. Introducing LED and energy-saving lamps made light control technically demanding and expensive. Sometimes even impossible.

Energy-saving lamps require special dimmers. Moreover, various LED and energy-saving lamps demand different type of dimmers. If we change an energy-saving lamp, sometimes we have to change the dimmer as well. The dimming lamps are even more expensive than typical energy-saving lamps.

Most of the low-priced energy-saving lamps are non-dimmable. Regardless of the dimmer you are using. If they are connected to a dimmer, it can considerably increase energy consumption. In the worst case, it can cause overheating and even a fire.

Is this an unsolvable problem?

Here is the universal

TOUCH.

The world's first dimmer
that also dims some non-
dimmmable LED and energy
saving lamps.



LIGHT AS NEVER BEFORE

TOUCH creates a pleasant atmosphere even where it wasn't possible until now.

A dimmed light creates a peaceful, sensual and romantic atmosphere. It is a trademark of romantic places and quiet late evening hours spent at home or at work. By introducing mostly non-dimmable LED and energy saving lamps, a lot of that peacefulness and romanticism has disappeared. TOUCH makes it possible once again to dim light anywhere, regardless of the type of lamp or light bulb. It brings back pleasant calmness and romanticism to places.

The soft and extended switching on not only prolongs the lamp life but also changes darkness into light in a slower and much more pleasant manner. Switching on is soundless, which makes the appearance of light even more mysterious.

In the dark, TOUCH becomes a tender soft ambient light. It marks the spot of a switch and gently illuminates a place. We can choose from among eight different colours of tender light and adapt the colour and brightness to our momentary mood. In a few seconds, by ourselves and without any tools.

TEM

www.touch.si



The world's first dimmer that also
dims some non-dimmable LED
and energy saving lamps.

TOUCH[®]

TOUCH
dimmer, life-size, in
genuine bamboo frame.
At any time and without
any effort frames can be
replaced with any other
from Pure, Line and Soft
line, where you can
choose from
glass, wood, metal and
plastic.



MORE BEAUTIFUL THAN EVER

TOUCH is a marvellous element of the most beautiful residential and working spaces.

It is an up-to-date, refined, sleek surface that holds a slim light line at the bottom. The amazing choice of frames - colours, shapes, patterns and materials - adorns its uniqueness. Choose from among: LINE - strict and austere sculptured lines of frames, SOFT - caressing with its roundness, PURE - unique and astonishing, made of natural materials, wood, glass or metal. Classic, traditional or a modern architecture gem - TOUCH is exquisitely adapted to any equipment or outward form of space.

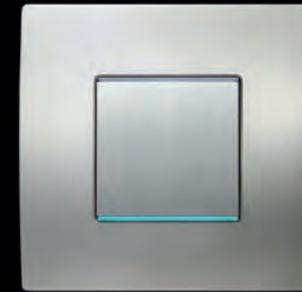
It can replace any electrical switch in your living and working space in a simple and easy way. When you decide to change the outfit or maybe only the colour of the wall, you easily adapt TOUCH by changing the frame - in seconds, with your own hands and no tools.



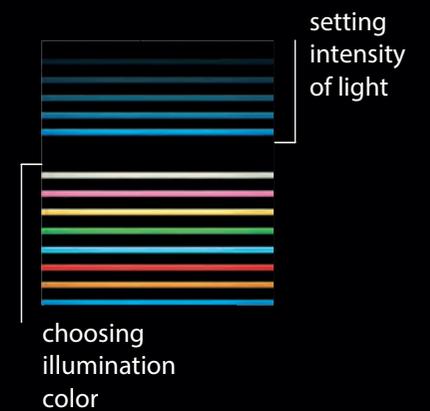
TEM

www.touch.si

TOUCH®



Bellow dimmer button
TOUCH
there is an elegant ambient
light.
It marks the spot of a switch
and gently illuminates a place.
There are 8 optional lightcolors
and light intensity settings,
all with just a simple touch of a
button.



SAVE MORE ENERGY THAN EVER

TOUCH provides significant savings where previously this was impossible.

It used to be simple - light bulbs were cheap and could be dimmed with any dimmer. With the introduction of LED and energy-saving lamps, dimming became expensive, technically demanding and sometimes impossible.

TOUCH introduces a revolution to controlling light. It can also dim some low-priced non-dimmable lamps, so buying expensive dimmable LED and energy saving lamps is not required. When the type of the lamp is replaced, replacing the dimmer type is no longer required, which was the case until now. TOUCH with a soft turn-on feature extends the life of the lamp, which also reduces the costs of lamps. Last but not least, dimming additionally and significantly reduces the consumption of energy by LED and energy-saving lamps.

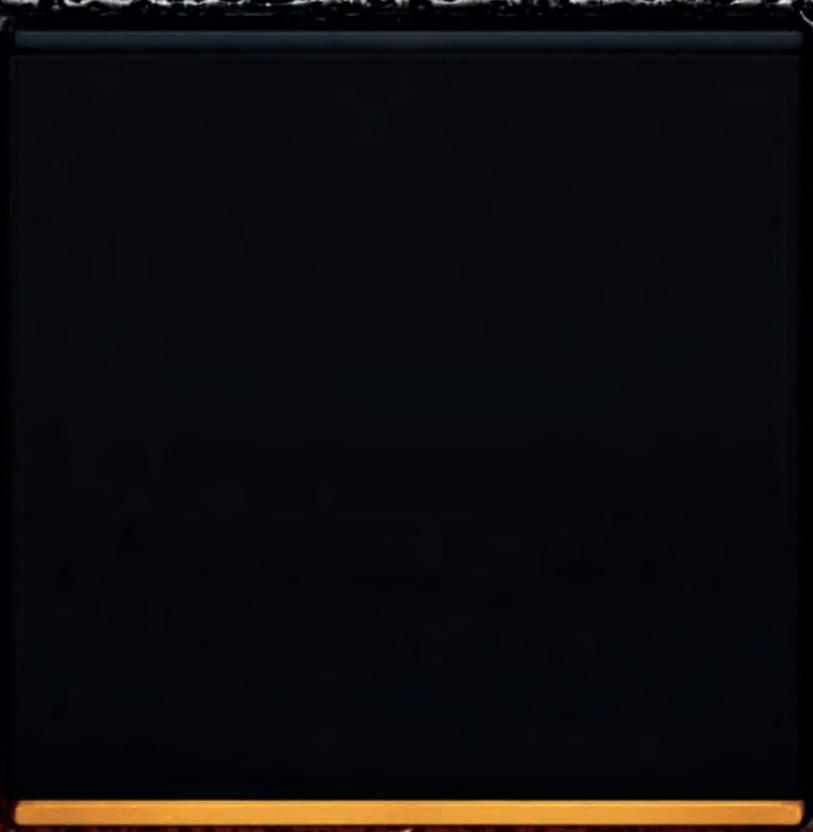
TOUCH is an elegantly simple way of doing something good for the environment and for your wallet.

TEM

www.touch.si



TOUCH®



HEALTHIER THAN EVER BEFORE

Light dimming in night hours is not only a matter of convenience but also of health.

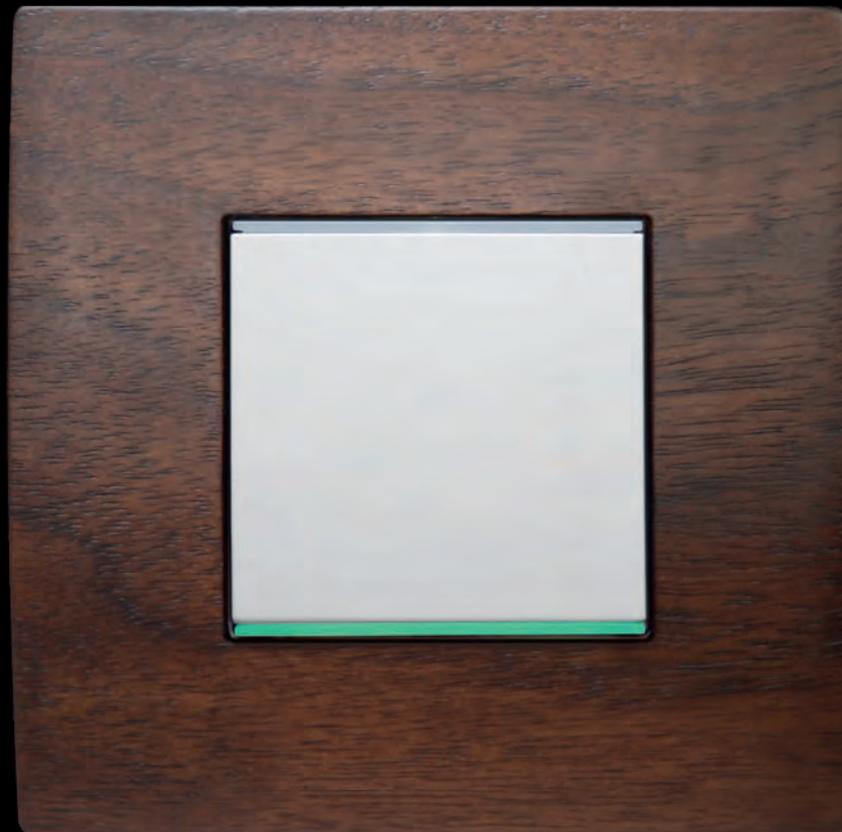
At night, our body rests and accumulates strength for a new day. In the past, people lived to the rhythm of the sun. Today, daytime is created artificially with strong lights – even when our body should already rest. This does not affect our immune system in a good way, which was demonstrated in 2011 at General Clinical Research Centre, Boston, USA.

It was proven that strong night light causes delays in melatonin secretion that begins to secrete under the influence of light after the sun set. Melatonin acts as an antioxidant. It neutralizes carcinogenic free radicals in the body and strengthens and renews the immune system. It is thought that the increasing rate of cancer among people who work at night might be the result of diminished secretion of melatonin in the body. Besides, it also influences the quality of sleep, body temperature regulation and blood pressure and blood sugar levels.

If we want to live and work late at night, it is healthy to dim the light in spaces. TOUCH enables us to do it everywhere, even where this was not possible owing to LED and energy-saving lamps.



TOUCH®



TEM

www.touch.si

ENG



TOUCH®

TEM

www.tem.si

TEM Čatež d.d.
Čatež 13
SI-8212 Velika Loka
T +386 (0)7 348 99 00
tem@tem.si