



Dimming
lamps.
A wonderful
idea.



Dim it. Whatever you want.



Today we meet up with lots of types of light sources and it is relatively hard for the average person to keep up with all of them. Therefore, we will try to explain in the next section just what light sources you will find on the market, and how to control and/or dim them. By dimming, you can save up to 20% of the electricity cost of lighting. Also, thanks to dimming, you can create a magical atmosphere - perfect for a party, reading or watching a movie...

Individual light sources differ from one another based on the principle of how they work - and we indicate them as a „load“. Information on loads is important for selecting the right dimmer for your light.

R – You mainly encounter resistance load with the ordinary lamp. The entire process works on the principle of heating a thin, usually tungsten filament, with an electric current running through it.



Resistive



L – This is an inductive load mainly characteristic for low-voltage (12-24V) halogen lamps, which are controlled by a wound transformer, whose principle is the passage of voltage through the coil. By decreasing the voltage at the input, we in turn also change the value of the voltage at the output, which enables dimming.



Inductive



C – This is a capacity load mainly characteristic for energy-saving lamps, fluorescent or halogen lamps controlled by an electronic transformer. The principle is based on electrical ballast, which brightens or darkens the lamp. A dimmable transformer is used to dim.



Capacitive



LED

Light-Emitting Diode



LED - A light-emitting diode (LED) is an electronic semi-conductor component, which radiates a visible light. In the last few years, they have replaced the lamps in automobiles, streetlights and home appliances, and their popularity as active household illumination is constantly growing.

The basis of the LED is the P-N junction. The actual LED chip is often connected with a cooler for efficient removal of waste heat away from the chip, and is covered by an epoxy capsule. This design makes LEDs highly mechanically resistant. It is even more effective than a compact fluorescent lamp - and is up to 15x more efficient than a classic incandescent lamp.

ESL

Energy Saving Lamp



ESL - Energy saving lamp, often called a compact fluorescent lamp. In its design it is a capacity load, but for better separability of this type of light source, a special designation was created for it. The principle is a glass tube with heating electrodes filled with mercury vapors, in which the discharge occurs. This falls upon the walls of the tube covered with a luminophore - and the lamp illuminates. Disadvantages of this lamp are its sensitivity to frequent switching and the luminous flux that decreases over time.

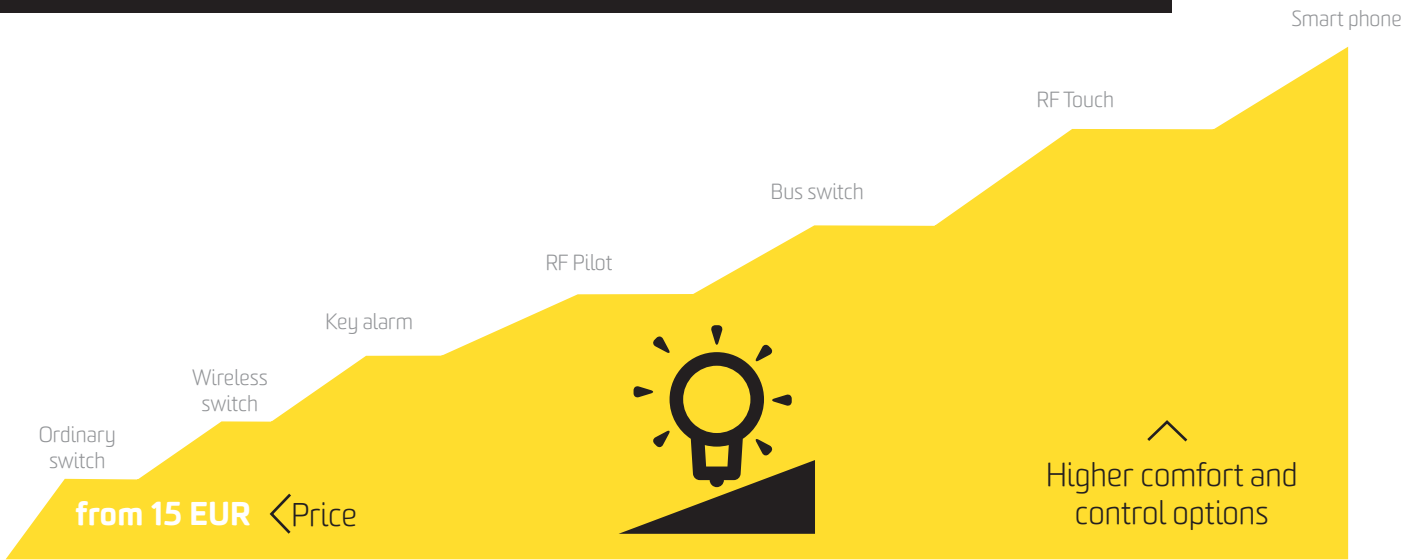
1-10 V



1-10V - This type of regulation is conditional to so-called dimmable electrical ballast with input for 1-10V. Consequently, at this input, the product is connected with the output 1-10V (RFDA-71B, LBC3-22M), which enables brightness control within this range. This mostly concerns dimming tube fluorescent lamps.

... ELKO EP dimmers can do the job

Dim it. Whatever you like.



I require a lower price

1. Ordinary switch



Ordinary button

You control the lamp brightness by simply pressing the button. And it suffices only to connect the SMR-S to your existing electrical installation.



existing el.

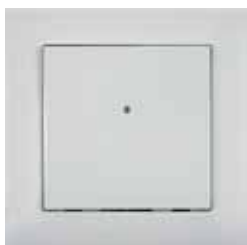


halogen lamp



ordinary lamp

2. Wireless switch



Wireless switch RFWB-20

Place it anywhere in the apartment without having to cut or drill into anything - it is battery powered. Simply install the dimming actuator into the light fixture cover.



3. Key alarm



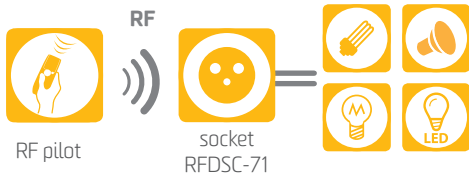
Key alarm

Using the key alarm RF Key, you can wirelessly control light, in which a dimming actuator is installed



I require higher comfort

4. RF Pilot

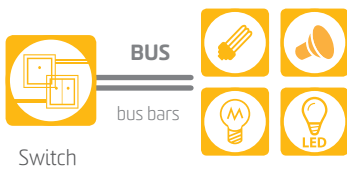


Wireless remote control with OLED display RF Pilot

This can control up to 40 light circuits, e.g. a lamp in the corner of a room using a dimmable socket. It enables creation of light scenes while watching a movie, reading a book or during a party, etc.



5. Bus switch



Intelligent switch WSB-40

Smart solution that connects the switch with the iNELS electrical installation. Your home then reacts to you. And that is just the beginning.



6. RF Touch, EST

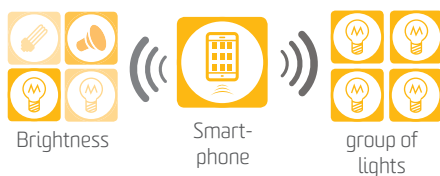


Touchscreen control unit

The touchscreen unit can control a group of lights wirelessly using RF Touch or a bus solution using the EST unit. With one touch, you can adjust the brightness of over 10 lights, and each one can have a different intensity. EST and RF Touch are the size of a classic switch.



7. Smartphone



Smartphone

It suffices to have a smartphone or the iPhone application iNELS Home Control, with the help of which you can control lights individually or in a group.



We can adjust control of lamps to your needs.
Select from a wide range of dimming methods.

Energy savings and solutions for you.

Dim it. Save up to 30 % energy on lighting.



Requirement:

I want the cheapest dimmer for my apartment

Solution:

get the SMR-U and connect it to your existing button

How to do it:

Install the dimmer in the installation box under your existing button. If you have a switch, you must replace the gadget with a push-button type.

How much will you save?

If you have 10 halogen lamps at home with a consumption of 40 W and you are using them 2 hours per day on average, you consume 292 KWh in a single year – a cost of roughly CZK 1,460.

If you get an SMR-U dimmer for CZK 696, you will decrease your costs by 30% thanks to dimming. In doing so, you will save CZK 438 per year, and the investment will return to you in a year and a half. This does not include the added value enjoyed from creating a lighting atmosphere for watching movies, listening to music or reading.



Requirement:

I want to maintain the same light intensity in the room

Solution:

get the automatic lighting intensity controller LIC-1, and you do not have to keep checking your employees to see if they

How to do it?

Connect the product to your existing button (you need not cut into anything), from which you will control brightness or switch to an automatic mode.

How much will you save?

If you have a 40W lamp on for 8 hours for 200 days per year = 64 KWh = CZK 384...and you have 10 of these lamps in a single office, that equals CZK 3,840.

If you use an automatic lighting intensity controller LIC-1, the intensity of the light remains just where you set it. This means if the sunshine is illuminating a room with high intensity, the lamp automatically lowers the brightness. In this way, you can save up to 50% of costs equaling CZK 1,600 for one office.



Dimming is not just a style. It also means savings.



Requirement:

I want to dim a lamp in the living room corner

Solution:

Get the SET of a dimmable socket and key alarm

How to do it?

You simply slide the dimmable socket into the existing socket. Then by entering the programming mode, you will assign the key alarm and that is it. Immediately you can thus create a pleasant atmosphere for reading a book or watching a movie.

You can always expand the iNELS RF Control and you will constantly have a single system for controlling the home instead of five controllers.



Requirement:

I rebuilt the bathroom but I forgot to install a switch

Solution:

Get the set combining a wireless switch with a dimmer

How to do it?

Glue the switch to any desired location, connect the actuator to the light and everything is ready in just fifteen minutes. You have also just given yourself the option of dimming the lights. You can always purchase another actuator, which will be compatible with your wireless switch.

How much will you save?

Normally you would have to remove a tile, create grooves for the cable, connect the light fixture, smooth out the grooves, and replace the tile and grout. This takes a whole day and is costly.

Our solution altogether costs CZK 1,724, and features the option of implementing further iNELS actuators, which lead to savings.

We create ambiance with a play of lights



Requirement:

I want to control lights in a cinema, shopping center, bar or sports center

Solution:

get the performance dimmer DIM-6

How to do it?

Since this concerns a performance dimmer requiring technical knowhow, contact an electrical installation company, which will obtain the product and install it for you. Do not forget to choose the method of control (button, potentiometer, 1-10V, iNELS BUS).

The dimmer DIM-6 has in its base a load of 2 kVA, this output however can be set up to 10 kVA in conjunction with the power expansion module DIM-6-3MP.

1. works together in the classic way = button control
2. wirelessly = using the analogue actuator RFDAC-71
3. by the bus solution iNELS BUS = terminals for bus connection

What you need:
RF Pilot,
RF Touch



Requirement:

I want to control lights in a group and create light scenes

Solution:

get one of the applicable controllers: RF Pilot, RF Touch, EST, smartphone

How to do it?

Using the price offer configurator (www.elkoep.cz/reseni), you create your price calculation for the installation. Send the inquiry to the address in the configurator. Within two working days, an ELKO EP technician will respond to you to specify the order details. He or she will recommend a system partner to perform the installation. All system partners are expertly qualified and trained in installing the iNELS system.

1. wireless remote control in combination with iNELS RF Control dimming actuators
2. touchscreen control of the RF Touch unit in combination with iNELS RF Control actuators
3. bus touchscreen control unit in combination with iNELS BUS System actuators
4. your smartphone + our smart box in combination with iNELS Smart Home Solutions actuators

What you need:
RFDA-73/RGB,
eLAN-RF-003
+ iHC - MARF application
(for free)

Requirement:

I want to control LED strips in the living room using my smartphone

Solution:

Get the dimmer RFDA-73/RGB with the „smart box“ eLAN-RF

How to do it?

Install the dimmer RFDA-73/RGB according to the length of the LED strip that you want to control (offered at eshop.elkoep.cz).

Install the LED strip and connect the dimmer RFDA-73/RGB, which you will place into the switchboard in the ceiling. Connect the smart box (eLAN-RF-003) to your router and perform network setup.

Download the free application iHC-MARF at Google play, or iHC-MIRF from iTunes. Install the application in your smartphone and pair it with the introduced actuator using the address on it. Control color, brightness, groups, scenes...it is up to you!

Dim it. And enjoy yourself.

Alter the illumination in your household so that it always fits with the current film scene or the music that is playing. With a single press of a button, you control lights and adjust the brightness in the entire home.

The solutions from ELKO EP always feature an elegant design with flawless function, and that brings users perfect control when regulating home appliances and equipment. Now we offer control of LED strips and RGB LED strips, enabling a comfortable selection of colors and brightness

adjustment. The Light Scenes mode enables group control of receivers, which dims lights with a single press of the button automatically to 30 %, the shutters roll down and the LED strip lights up in the chosen color based on how you want to create it.

Do you like horror films? Bathe your living room into some decent light scene and let the LED shine in dark colors... On the contrary, conjure up rainbow scenes with intense colors while watching fairytales.

 **Party**

 **Reading**

 **Film**

 **Falling asleep**



Solution:

classic solution that can be added simply to your existing electrical installation

When purchasing a dimmer from ELKO EP, you will certainly look forward to sunset.

That is because you will be shown for the first time what your lights can do:

- » universal solution for all light sources
- » fuse-protected against surges and short circuits
- » elimination of a flashing light source by built-in protection against voltage fluctuation
- » option of setting minimum brightness
- » custom-control the network



300 VA



SMR-S

R, L dimmer for mounting under button with three-wire connection (without NEUTRAL)

SMR-S is a dimmer controlled by the existing button (under which it is also located) for controlling ordinary lamps and halogen lamps (with wound transformer). It is the most affordable from the series of dimmers with simple assembly. You turn the light on or off by clicking the button, by holding you regulate brightness. After the set value and switching back on, the light intensity returns to the brightness last set. The device is protected by a replaceable fuse. Its advantage lies in its connection, where there is no connection of a neutral wire, which makes it the right choice for mounting in older installations as well.



500 VA



SMR-U

R, L dimmer for assembling under button with four-wire connection SMR-U is a dimmer

controlled by the same principle as the previously mentioned SMR-S = clicking to switch on/of - holding dims. It has one extra quality however, which is dimming capacity loads = halogen light sources with an electronic transformer. It also has implemented protection, where the dimmer shuts off upon a short or surge. It can handle almost 200% of the load that the SMR-S can.

300 VA

160 VA



DIM-15, SMR-M

Dimmer for LED lamps and dimmable energy-saving lamps

DIM-15, SMR-M are dimmers designed especially for control of LED light sources and energy-saving lamps (dimmable). The difference in them is only in the installation method. SMR-M is designed for installation below the button (into the installation box), DIM-15 is designed to be mounted on a DIN rail to your distributor. These dimmers have several qualities that rank them amongst the best on the market:

- 1 - Option of setting the minimum brightness of the lamp - which eliminates flashing.
- 2 - It features built-in protection where the light source will neither flash nor change brightness upon fluctuation of the input voltage. This dimmer is best applied in a house, apartment or office.



2000 VA



DIM-6

Dimmer for dimming lamps and halogen light fixtures

DIM-6 is a dimmer designed to handle dimming of a light source with output up to 2,000 VA. And if that were not enough, using the auxiliary power module (DIM-6-3MP), this can be expanded up to 10,000 VA. There are several ways to control it: 1, button 2, potentiometer, 3, signal 1-10V 4, iNELS BUS system. The dimmer has a built-in fan - a necessity when handling such outputs. The load capacity is determined for light sources R, L, C and features electronic protection against surges and short circuits. It is designed for assembly in switchboards, and in practice it is most frequently found in cinemas, shopping centers, bars, restaurants and offices.

DIM-6-3MP - expanding output module to the product DIM-6

LIC-1

Lighting intensity controller

LIC-1 is a dimmer at the highest dimming level. It can autonomously adjust the brightness of a lamp to the required lighting intensity in the room. It will never happen again that you forget a light on, needlessly burning both energy and money. It is especially appropriate for offices, restaurants and indoor public places. To be utterly inconspicuous, it is designed for installing in a switchboard. The sensor that senses the lighting intensity in a room is located in the ceiling or on the wall, and anywhere that it will not be influenced by a different light source. This dimmer is universal, i.e. you can connect any light source to it.



300 VA



Classic. But modern.



Everything works just the way you are accustomed to. Pressing the button turns on the light, and pressing it again turns it off. Meanwhile, it remembers the set level of previous lighting and again provides the same level of brightness.

LOGUS⁹⁰



CRYSTAL

glass



ARBORE

wood



METALLO

Noble metal

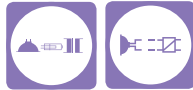


Solution

wireless dimming with iNELS RF Control is the right solution when reconstructing an apartment, house, room, etc.



250 VA



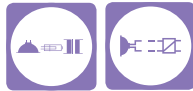
RFDA-71B

Dimming RF actuator with 7 programs

is a dimmer from the series iNELS RF Control, which you can include in your electrical installation at any time without tearing into walls or performing other modifications. Why is it so easy? The dimmer communicates with the wireless switch completely without cables using RF technology. Its design makes it appropriate for mounting into an installation box, ceiling, light fixture cover, etc. It is designed for light sources R,L,C, i.e. ordinary incandescent lamps and halogen lamps.



160 VA



RFDEL-71B

Dimming actuator for LED lamps and dimmable energy-saving lamps

This dimmer communicates with all wireless transmitters of iNELS RF Control (switch, key alarm, remote control, touch unit, etc.). It is the most universal in terms of use of a light source (loads R, L, C, LES, ESL), but also in terms of installation (everywhere the installation permits). It can simulate the smooth increase or decrease of the light (at times of your choosing), which you will use to create light scenes. Another advantage of this dimmer is the option of combining it with an existing button.



RGB



RFDA-73M/RGB

Dimming actuator for LED strips and RGB LED strips

This dimmer is designed to control up to 3 independent, single-color LED strips and RGB LED strips, where it is possible to change color, brightness or switch to an automatic color blending/fading mode. Control is performed using the remote controller RF Pilot, a touchscreen control unit or even an application in your smartphone. The dimmer can be grouped with other dimmers of the same character, thus creating light scenes both for rooms and for the entire home.



1- 10 V



RFDAC-71B

Analogue RF actuator for smooth regulation

This dims ordinary tube fluorescent lamps that are controlled by a so-called dimmable ballast, which has an input of 1-10 V, to which you connect this product. The result is brightness control of the fluorescent lamp in a range of 10-100%. The product enables light scene creation and is controlled wirelessly using all controllers. iNELS RF Control (touchscreen unit, wireless controller, key alarm, Android application, etc.). Its design makes it useful for installing in a ceiling or light fixture cover.



300 VA



RFDSC-11/71

Wireless dimmed socket

The dimmer with the socket design is a unique and the simplest solution of turning your corner lamp into something much more. It enables you to control brightness of the lamp or create light scenes (smooth light dimming/brightening). At any time, you can assign this dimmer to other dimmers of the series iNELS RF Control and control everything with just one controller. This dimmed socket is universal in terms of light sources. It also features built-in protection against surges or short circuits.



No wires, no cutting.

The iNELS RF Control wireless communication system represents a unique wiring solution for home reconstruction. Installing the wiring is easy and requires no demolition or cutting into walls. Actuators may be installed directly in the wiring box, in a light cover, switchboard and anywhere else the wiring system permits.

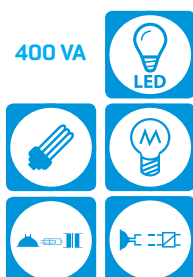


Solution

wireless, bus solution iNELS BUS opens up a new dimension in home automation



400 VA



DA3-22M

Universal bus dual-channel actuator

This dimmer is of course universal, so it is possible to connect it to any light source. The dimmer is designed for installation on a DIN rail (= in the switchboard), and can run two utterly independent light circuits up to a load of 400 VA. This dimmer is of course universal, so it is possible to connect it to any light source. To avoid unpleasant flashing of light sources, we have given it the built-in option of setting the minimum brightness (to eliminate this phenomenon). Control is performed using bus buttons, an application or via the iMM multimedia center.



1-10 V



LBC3-02M

Dimming two channel actuator for fluorescent lamps

This is designed for control by the iNELS BUS system to control tube fluorescent lamps that are connected to dimmable ballast. These dimmers can be grouped into a number of 576 units in a single system, which predetermines it for extensive implementation in halls, offices, shopping centers, cinemas or restaurants (any place using fluorescent lamps). You can control it with a single command via the PC or independently of each other, in groups. You can also use applications for Android or iOS, bus switches or the iMM multimedia center.

HOW MUCH DOES THE iNELS SYSTEM COST?

Kontakt z našimi inženýry pro bližší informace
☎ 800 100 671

iNELS
smart home solutions

INELS Smart home solutions konfigurátor

DŮM
Velká instalace vhodná pro rodinný dům.

BYT
Střední instalace vhodná pro byt 2+1.

POKOJ
Malá instalace vhodná pro pokoj nebo apartmán.

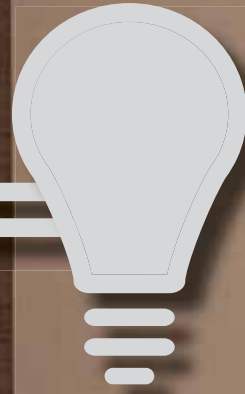
MAČKŤ KLÍČKOVOU SESTAVU NÁPĚVĚDA

Using the configurator, it is simple and fun to create a price offer.

<http://www.elkoep.com/solutions/>



BUS



bus bars



Comfort without limits.

The intelligent electrical installation system iNELS BUS is the most comfortable and highest level of home automation. The system controls heating regulation, lighting, roll blinds and other appliances, and can secure your home and protect your property. It can recognize changes in functions of the system against the required status, and inform you of these changes by mobile phone or Internet.

LED light sources that save.





ELKO EP has always strived for maximum universal application of the products it manufactures. The dimmers DIM-15, SMR-M, LIC-1, RFDEL-71B and RFDSC... these are a practical example of this - in terms of the breadth of applicable light sources. And since the area of dimmable LED lighting - just like dimmable energy-saving lamps - is a relatively new advancement and there are still just a few manufacturers to produce these light sources, we will regularly test and expand the table provided below to include further types of tested lights. We welcome your input - tell us about new types of tested lights on the market!

Overview of tested types of light sources and their loads





Light sources of ELKO Lighting	Socket	Dimmable	DIM-15	SMR-M	LIC-1	RFDSC-11 RFDSC-71	RFDEL-71B
ELKO Lighting DLB-806-2K7	E27	yes	30 pc	16 pc	30 pc	30 pc	16 pc
ELKO Lighting LED DLSL-GU10-250-3K	GU-10	yes	50 pc	26 pc	50 pc	50 pc	26 pc

Other types of tested light sources can be found here:
www.elkoep.cz/reseni

Classic-shaped LED lamps

LED eco	LED profi	LED dimm	LED max
<p>LB-E27-400-2K7 / LB-E27-400-5K</p> <p>WARM WHITE 2700K COLD WHITE 5000K replacement for 35 W BULB</p>  <p>up to 80% saving on energy</p> <p>Socket: E27 Power: 5.3 W Luminous flux: 400 Lm</p>	<p>LB-E27-470-2K7 / LB-E27-470-5K</p> <p>WARM WHITE 2700K COLD WHITE 5000K replacement for 40 W BULB</p>  <p>up to 80% saving on energy</p> <p>Socket: E27 Power: 7.5 W Luminous flux: 470 Lm</p>	<p>DLB-E27-806-2K7 / DLB-E27-806-5K</p> <p>WARM WHITE 2700K COLD WHITE 5000K replacement for 60 W BULB</p>  <p>up to 80% saving on energy</p> <p>Socket: E27 Power: 11 W Luminous flux: 806 Lm</p>	<p>DLB-E27-1060-2K7 / DLB-E27-1060-5K</p> <p>WARM WHITE 2700K COLD WHITE 5000K replacement for 70 W BULB</p>  <p>up to 80% saving on energy</p> <p>Patice: E27 Přikon: 13 W Luminous flux: 1060 Lm</p>

Special-shaped LED lamps

LED candle	LED ball	LED wide profi	LED globus
<p>LC-E14-250-3K</p> <p>WARM WHITE 3000K replacement for 25 W BULB</p>  <p>up to 80% saving on energy</p> <p>Patice: E14 Přikon: 4 W Luminous flux: 250 Lm</p>	<p>LMB-E14-250-3K</p> <p>WARM WHITE 3000K replacement for 25 W BULB</p>  <p>up to 80% saving on energy</p> <p>Patice: E14 Přikon: 4 W Luminous flux: 250 Lm</p>	<p>LBWB-E27-530-2K7</p> <p>WARM WHITE 2700K replacement for 40 W BULB</p>  <p>up to 80% saving on energy</p> <p>Patice: E27 Přikon: 7 W Luminous flux: 530 Lm</p>	<p>LBG-E27-806-2K7</p> <p>WARM WHITE 2700K replacement for 60 W BULB</p>  <p>up to 80% saving on energy</p> <p>Patice: E27 Přikon: 13 W Luminous flux: 1060 Lm</p>

LED spot 

LED spot dimm
DLSL-GU10-250-3K

WARM WHITE 3000 K | COLD WHITE 6000 K | replacement for 35 W BULB



up to 80% saving on energy

Socket: GU10
Power: 6 W
Luminous flux: 250 Lm

LED tube
LSL-GU10-350-3K / LSL-GU10-350-5K

WARM WHITE 3000 K | COLD WHITE 6000 K | replacement for 50 W BULB




up to 80% saving on energy

Socket: G10
Power: 6 W
Luminous flux: 350 Lm

LED spot wide
LSWL-GU10-200-3K

WARM WHITE 3000 K | COLD WHITE 6000 K | replacement for 35 W BULB



up to 80% saving on energy

Socket: GU10
Power: 3.5 W
Luminous flux: 200 Lm

LED spot
LSL-GU10-280-3K

WHITE 3000 K | replacement for 35 W BULB



up to 80% saving on energy

Socket: GU10
Power: 5 W
Luminous flux: 280 Lm

LED spot

LED spot 12V
LSL-GU5.3-280-3K

WARM WHITE 3000 K | replacement for 35 W BULB



up to 80% saving on energy

Socket: GU5.3
Power: 5 W
Luminous flux: 280 Lm

LED downlight
DL-122-800-3K / DL-122-800-5K

WARM WHITE 3000 K | COLD WHITE 5000 K | replacement for 60 W BULB




up to 80% saving on energy

Socket: -
Power: 14 W
Luminous flux: 800 Lm

LED downlight
DL-154-1200-3K / DL-154-1200-5K

WARM WHITE 3000 K | COLD WHITE 5000 K | replacement for 75 W BULB




up to 80% saving on energy

Socket: -
Power: 24 W
Luminous flux: 1200 Lm

LED downlight
DL-190-1600-3K / DL-190-1600-5K

WARM WHITE 3000 K | COLD WHITE 5000 K | replacement for 100 W BULB



up to 80% saving on energy

Socket: -
Power: 27 W
Luminous flux: 1600 Lm

LED tube

LED tube
LT-G13-800-3K / LT-G13-800-6K

WARM WHITE 3000 K | COLD WHITE 6000 K | replacement for 18 W BULB



up to 80% saving on energy

Socket: G13
Power: 8 W
Luminous flux: 800 Lm

LED tube
LT-G13-1500-3K / LT-G13-1500-6K

WARM WHITE 3000 K | COLD WHITE 6000 K | replacement for 36 W BULB



up to 80% saving on energy

Socket: G13
Power: 18 W
Luminous flux: 1500 Lm

LED tube
LT-G13-3000-3K / LT-G13-3000-6K

WARM WHITE 3000 K | COLD WHITE 6000 K | replacement for 58 W BULB




up to 80% saving on energy

Socket: G13
Power: 22 W
Luminous flux: 3000 Lm

LED mini

LED G9
LL-G9-100-4K

WHITE 3000 K | replacement for 7 W BULB




up to 80% saving on energy

Socket: G9
Power: 1.5 W
Luminous flux: 100 Lm

LED panel

LED panel
LP-6060-3200-3K / LP-6060-3200-5K7

WARM WHITE 3000 K | COLD WHITE 5700 K | replacement for 75 W BULB




up to 80% saving on energy

Socket: -
Power: 45 W
Luminous flux: 3200 Lm

LED panel
LMB-E14-250-3K

WARM WHITE 5700 K | replacement for 150 W BULB



up to 80% saving on energy

Socket: -
Power: 83 W
Luminous flux: 6000 Lm



It will brighten up your ideas











Ultimately, illuminate yourselves!
www.elkolighting.cz

We can dim anything!

DIMMERS CHART

SERIES PRODUCT	PRODUCT	AUTOMATIC LOAD DETECTION	EAN CODE	R 	L 	C 
				Standard light bulbs, halogen lamps 	low voltage lamps 12-24 V wound transformers 	low voltage lamps 12-24 V electric 
ELECTRONIC DEVICES	 DIM-2 - Staircase switch with dimming, gradual brightness increase/decrease, 500 VA	-	8595188112475	✓	✓	
	 DIM-5 - Dimmer - short press ON/OFF, pressing and holding dims, 500 VA	-	8595188115612	✓	✓	
	 DIM-14 - Like DIM-5, also suitable for loads L. Dims loads R, L, C	✓	8595188135955	✓	✓	
	 DIM-15 - Dimmer for LED lamps and dimmable efficient fluorescent lamps, potentiometer brightness setting	-	8595188140690	-	-	
	 DIM-6 - Expandable power module for increasing output of connected load to DIM-6 by 1kVA	-	8595188139106	✓	✓	
	 SMR-5 - Like DIM-5, pushbutton control, for mounting into KU68, dims by pressing and holding button, 300W	-	8595188123518	✓	✓	
	 SMR-U - Like DIM-14, pushbutton control, for mounting into KU68, dims by pressing and holding button, 500W	✓	8595188130738	✓	✓	
	 SMR-M - Like DIM-15, pushbutton control, for mounting into KU68, LED dimming and dimmable efficient fluorescent lamps	-	8595188143776	-	-	
	 LIC-1 - Dimmer maintaining set light intensity in Lx, including SKS photo-sensor	-	8595188144933	✓	✓	
WIRELESS SOLUTION	 RFDA-11B - Dimming actuator basic program light scene, OFF function	✓	8595188136846	✓	✓	
	 RFDA-71B - Dimming actuator - 7 programs, 4 lighting scenes, sunset and sunrise simulation, ON/OFF	✓	8595188136273	✓	✓	
	 RFDEL-71B - Dimming actuator - 7 programmable functions, 6 light functions, ON/OFF function	-	8595188145121	✓	✓	
	 RFDAC-71B - Analog actuator - 7 programs, 6 light functions, ON/OFF function	-	8595188142809	1 x Output 0/1-10 V 		
	 RFDA-73/RGB - Dimming actuator for RGB dimming sources	-	8595188146814	-		
BUS SOLUTION	 DA3-22M-V2 - Dimming double-channel actuator 2 channels (500W/channel), 2 x 230VAC IN, Thermo input	✓	8595188132626	✓	✓	
	 LCB3-02M - Dimming double-channel actuator 2 x relays, 2 x 1 - 10 V	-	8595188132688	2 x Output 0/1-10 V 		

	ESL 	LED		
Voltage lamps 2-24 V transformers	Efficient dimmable fluorescent lamps 	CATEGORY 1 Mostly „multiple LED“ illumination sources, power provided by LINEAR source limiting current (sharper dimming), lower price. 	CATEGORY 2 Sources that have 1-3 power LEDs, power provided by SWITCHING the source regulating brightness based on the input voltage (smoother dimming), higher price GU10 have a higher body 	CATEGORY 3 LED with DC and current regulation. Designed for dimming LED chips, LED strips, RGB LED 
-	-	-	-	-
-	-	-	-	-
✓	-	-	-	-
-	✓	✓	✓	-
✓	-	-	✓	-
-	-	-	-	-
✓	-	-	-	-
-	✓	✓	✓	-
✓	✓	✓	✓	-
✓	-	-	✓	-
✓	-	-	✓	-
✓	✓	✓	✓	-
	-	-	-	-
	-	-	-	✓
✓	✓	✓	✓	-
	-	-	-	-



ELKO EP, s.r.o.

Palackého 493 | 769 01 Holešov, Všetuly | Czech Republic
tel.: +420 573 514 221 | fax: +420 573 514 227
elko@elkoep.com | www.elkoep.com

ELKO EP SLOVAKIA, s.r.o.

Fraňa Mojtu 18 | 949 01 Nitra | Slovakia
tel.: +421 376 586 731 | fax: +421 376 586 732
elko@elkoep.sk | www.elkoep.sk