











# Dimmer for LED bulbs and dimmable fluorescent lamps DIM-15

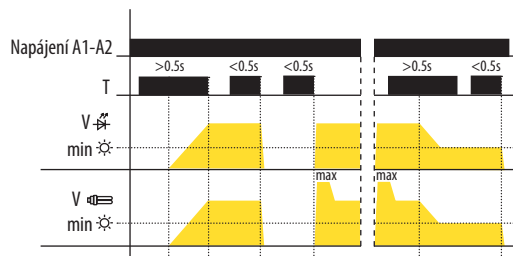
## Recommended light sources

- it is possible to dim only LED bulbs equipped with capacitor supplying
- it is not possible to dim saving fluorescent lamps without marking: dimmable
- an incorrect setting of light source has effect only on dimming range, it means neither dimmer or load get damaged
- maximal load is counting with usage of LC filter



Overview of tested light sources types and its loads			
Type	Manufacturer	socket	quantity [pcs]
	BRILUM LED line white (21LED)	GU-10	22
	OSRAM DULUX EL.DIMMABLE LUMILUX Warm White 1230lm	E27	11
	MEGAMAN DIMMERABLE 2700K DEC01	E14	16
	LUMEE GU 10-60-CW-120	GU-10	8
	LUMEE GU 10-P-60-CW-120	GU-10	8
	LUMEE JDRE 14-60-CW-120	E14	8
	LUMEE Ball-80-CW	E14	20
	PHILIPS MASTER 20W	E27	5
	LED OSRAM DECOSPOT 0.75W	GU-10	8
	LED PHILIPS MASTER 7W	GU-10	3

## Functions



### Controlling:

- short button press (<0.5s) turns the light off or on
- long press (>0.5s) enables slight regulation of light intensity
- setting of minimal luminance is possible only during decreasing of luminance by long button press

### Minimal luminance setting:

„LED bulb“ :

- if the light is turned off, short press (<0.5s) switches the light onto last set luminance level

„Saving fluorescent lamp“ :

- if the light is turned off, short press increases the luminance onto maximal level (saving fluorescent lamps fires up) and then luminance decreases onto set level
- setting of minimal luminance by saving fluorescent lamps serves for harmonizing of lowest light intensity prior its unprompted switching off

## Recommended light sources

The maximal universality became to be a habit by our products – by this dimmer it is its wide spectrum of applicable light sources. Area of LED lights dimming - as well as saving lamps dimming area – is relatively new and there are not so many manufacturers, who are producing these devices. Therefore we will be continuing with tests and extending the chart below with more types. We will appreciate your cooperation and informations about new types on the market.



### Overview of tested light sources types and its loads

Type	Manufacturer	socket	quantity [pcs]	max.load [W]
	BRILUM LED line white (21LED)	GU10D	22	29
	OSRAM DULUX EL.DIMMABLE LUMILUX Warm White 1230lm	E27	11	220
	MEGAMAN DIMMERABLE 2700K DECO1	E14	16	144

### Notice:

- it is possible to dim only LED bulbs equipped with capacitor supplying
- it is not possible to dim saving fluorescent lamps without marking: dimmable
- an incorrect setting of light source has effect only on dimming range, it means neither dimmer or load get damaged
- maximal load is counting with usage of LC filter
- actual list of tested light sources is constantly refreshing, further information on [www.elkoep.cz](http://www.elkoep.cz)/[www.elkoep.com](http://www.elkoep.com)

## Connection example

