

## Table of dimming curves for 230 V LED lamps

The Eltako dimmer switches with LED optimization can select between several dimming curves for dimming up and down of LED lamps. The optimised dimming curve for regular dimming is available here. When using 12V LED lamps with an external transformer, the dimmer always **has to be** operated in R, L C-loads.

Manufacturer	Type	Power	Lamp type	dimming curve
Exterus <sup>5)</sup>	6 W-MR16-DIMDRIVER WW	6 W	Spotlight with transformer included	R, L, C
General Electric	LED GLS	5 W and 9 W	Bulb shape E27	LED 1
General Electric	LED GU10 Dimmable	5 W and 6,5 W	Spotlight GU10	LED 1
Halers Lighting	EVOLED .. /DIM	10 W	Spotlight with transformer included	R, L, C
Hidealite	Comfort	5 W	Spotlight GU10	LED 1
Hidealite	XPE 4 W	4 W	Spotlight GU10	LED 1
Hidealite	XPE 6,5 W	6,5 W	Spotlight GU10	LED 1
LEDON	B35 DIMMABLE	5 W	Candle shape E14	LED 1
LEDON <sup>1)</sup>	A60 DIMMABLE	6 W	Bulb shape E27	LED 1
LEDON	A65 DIMMABLE	10 W	Bulb shape E27	LED 1
LEDZWORLD	LED Bulb 6,5 W Osram CTA	6,5 W	Bulb shape E27	LED 2
LEDZWORLD	Bulb 8 W CTA Cree	8 W	Bulb shape E27	LED 2
LEDZWORLD	Bulb 8 W Non-CTA Cree	8 W	Bulb shape E27	LED 2
LEDZWORLD	Superior Bulb 10 W Cree Non CTA	10 W	Bulb shape E27	LED 2
LEDZWORLD	MR16 Spotlight 6,5 W GU10 Cree	6,5 W	Spotlight GU10	LED 2
LEDZWORLD <sup>2)</sup>	PAR16 Spotlight 8 W Cree CTA	8 W	Spotlight GU10	LED 2
LEDZWORLD	PAR16 Spotlight 8 W Cree XML	8 W	Spotlight GU10	LED 2
LEDZWORLD <sup>2)</sup>	PAR16 Spotlight 8 W Cree XPG	8 W	Spotlight GU10	LED 2
LEDZWORLD	PAR16 Spotlight 8 W Cree Platinum	8 W	Spotlight GU10	LED 2
LEDZWORLD <sup>2)</sup>	PAR20 Downlighter 8 W Cree	8 W	Spotlight GU10	LED 2
LEDZWORLD <sup>2)</sup>	PAR30 Spotlight 12 W Cree	12 W	Spotlight E27	LED 2
LEDZWORLD	PAR38 Spotlight 20 W Cree	20 W	Spotlight E27	LED 2
Liquidleds	A418 Tubular	4 W	Tubular E14	LED 1
Liquidleds	A518 Tubular	5 W	Tubular E14	LED 1
Liquidleds	A548 Tubular	5 W	Tubular E14	LED 1
Liquidleds	A548 Globe	5 W	Tubular E14	LED 1
Liquidleds	A448 Globe	4 W	Tubular E14	LED 1
Liquidleds	A547 Mushroom	5 W	Mushroom shaped E27	LED 1
Megaman	LED PAR16 LR1108d-50H35D	8 W	Spotlight GU10	LED 1
Megaman	LG0505dv2	5 W	Bulb shape E27	LED 1
Megaman	LG0408dv2	8 W	Bulb shape E27	LED 1
Megaman	LG0708dv2	8 W	Bulb shape E27	LED 1

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Manufacturer	Type	Power	Lamp type	dimming curve
Oberst Elektronik	GU10 DIMMABLE	4,5 W	Spotlight GU10	LED 1
Osram	PARATHOM Classic A60	12 W	Bulb shape E27	LED 1
Osram	PARATHOM Classic A80	12 W	Bulb shape E27	LED 1
Osram	PARATHOM PAR16 35 ADVANCED	5,5 W	Spotlight GU10	LED 1
Osram	PARATHOM PRO PAR16 35 ADVANCED	8 W	Spotlight GU10	LED 1
Osram	PARATHOM PRO PAR16 50 ADVANCED R	10 W	Spotlight GU10	LED 1
Philips <sup>2)</sup>	A55	6 W	Bulb shape E27	LED 2
Philips <sup>2)</sup>	A60	9 W	Bulb shape E27	LED 2
Philips	Master GLOW LEDbulb MV	8 W	Bulb shape E27	LED 2
Philips <sup>2)</sup>	Master LEDbulb MV	6 W	Bulb shape E27	LED 2
Philips	Master LEDbulb MV	12 W	Bulb shape E27	LED 2
Philips	Master LEDspot MV	4 W and 7 W	Spotlight GU10	LED 2
Philips	Master LEDspot PAR20	7 W	Spotlight E27	LED 2
Philips	Master LEDspot PAR 30S MV	12 W	Spotlight E27	LED 1
Philips	Master LEDspot PAR 38 MV	18 W	Spotlight E27	LED 1
Philips	Master LED NR63 MV	7 W	Spotlight E27	LED 2
Philips <sup>3)</sup>	NOVALLURE LED LUSTRE MV	3 W	Bulb shape E14 and E27	LED 2
Philips <sup>3)</sup>	NOVALLURE LED LUSTRE MV	3 W	Candle shape E14	LED 2
QLT	QLAMP H2 Dimmable	7 W	Spotlight GU10	LED 2
SYLVANIA	HI-SPOT RefLED PAR16	8 W	Spotlight GU10	LED 1
SYLVANIA <sup>4)</sup>	ToLEDo GLS A60	10 W	Bulb shape E27	LED 1
TOSHIBA	LDCC0627CE4EUD	6 W	Candle shape E14	LED 2
TOSHIBA	LDRC0927ME7EUD	9 W	Spotlight E27	LED 2
TOSHIBA	LDRC1627ME7EUD	16 W	Spotlight E27	LED 2
TOSHIBA	LDRC0630WU1EUD	6,5 W	Spotlight GU10	LED 2
TOSHIBA	LDRC0930NU1EUD	8,5 W	Spotlight GU10	LED 2
Verbatim	LED CandleLight Type B	4 W	Candle shape E14	LED 1
Verbatim	LED Classic A	6,5 W and 9 W	Bulb shape E27	LED 2
Verbatim <sup>4)</sup>	LED Classic A Superior	10 W	Bulb shape E27	LED 2
Verbatim <sup>2)</sup>	LED NR63	8 W	Spotlight E27	LED 2
Verbatim <sup>2)</sup>	LED PAR16	6,5 W and 8 W	Spotlight GU10	LED 2

<sup>1)</sup> Lamp can only be dimmed using EUD12D-UC without memory because switching back on is not possible below a certain limit.

<sup>2)</sup> Lamp flickers when brightness is low. <sup>3)</sup> Lamp produces a buzzing noise in the LED position. This does not happen in positions R, L and C but the dimming curve and the dimming behaviour are then impaired. <sup>4)</sup> The brightness changes in perceptible stages when Soft ON or Soft OFF is pressed and the dimming function is operated. <sup>5)</sup> The lamp can only be dimmed with dimmer switches with N connection.