

Hinweise:

MGL LICHT

- die folgende Liste an Dimmern stellt einen Auszug dar und erhebt keinen Anspruch auf Vollständigkeit. Durch ständige Weiterentwicklung der Schalterindustrie sind technische Änderungen seitens der Hersteller möglich. Kommende Neuentwicklungen werden in dieser Liste seitens MGL nicht laufend aktualisiert. Für technische Änderungen übernimmt MGL Licht keine Gewähr.

- bitte beachten Sie, dass sich Dimmer verschiedener Hersteller leistungsabhängig unterschiedlich verhalten können.

- weitere Informationen zu den aufgeführten Dimmern erhalten Sie beim jeweiligen Hersteller.

Dimmer list for LC 10 W 500 mA fixC pc SR SNC2, 230V/50Hz | 02.2021 | 1.1

LED Drivers with different phase-cut dimmers

½ CAUTION!

The maximum number of LED Drivers per dimmer is defined by the power of the LED Driver and the dimmer:

- _ The total power of all connected LED Drivers must not exceed 50 % of the power of the dimmer.

Example:

- _ Power of dimmer: 600 W -> 50 % power: 300 W
- _ Power of LED Driver: 15 W
- _ Maximum number of LED Drivers: $300 \text{ W} : 15 \text{ W} \leq 20$ devices

LED Drivers with different phase-cut dimmers

Values for dimmers at full load: 20v_500mA

Product name	Article number	Dimmer type ¹	LED Drivers per dimmer	Linearity	Noise rating ²	Flicker rating ³	Min dimming level	Summary ⁴
Busch	6523 U-102	universal	1-15	1	1	1	10%	advisable
Berker	283010	leading	1-14	5	1	1	28%	not useful
Clipsal	32E450TM	trailing	1-16	1	1	1	6%	advisable
Clipsal	32E450UDM	universal	1-16	1	1	1	8%	advisable
ELKO	316GLED	trailing	1-11	1	1	1	9%	advisable
ELKO	315GLE-2Pole	trailing	1-11	1	1	1	10%	advisable
ELKO	315GLE	trailing	1-11	1	1	1	0%	advisable
Feller	40200.LED.F.61	universal	1-7	1	1	1	8%	advisable
GIRA	117600/I01	trailing	1-15	1	1	1	7%	advisable
JUNG	225 TDE	trailing	1-19	1	1	1	8%	advisable
JUNG	225NVDE	leading	1-4	1	1	2	8%	advisable
JUNG	254 UDIE 1	universal	1-21	1	1	1	7%	advisable
Niko	325	universal	1-12	1	1	1	6%	advisable
SAL	SDA450	trailing	1-16	1	1	1	7%	advisable
SAL	SDD350	trailing	1-13	1	1	1	8%	advisable
Siemens	5TCB 257	leading	1-18	1	1	2	0%	advisable
Clipsal	32ELEDM	trailing	1-14	1	1	2	8%	advisable
DIGINET/ MMDM	04-B3218-H	trailing	1-14	1	1	2	7%	advisable

LED Drivers with different phase-cut dimmers

DIGINET/ MEDM	04-B1218-D	trailing	1-14	1	1	2	9%	advisable
SG Bluetooth	820322	trailing	1-14	1	1	2	8%	advisable
GIRA	30200	leading	1-21	5	1	2	32%	not useful
	1607	leading	1-14	5	1	2	25%	not useful
	6523U	leading	1-7	1	1	2	10%	advisable
Sunny	SDD400U	trailing	1-14	1	1	2	9%	advisable
Clipsal	31E2PUDM	trailing	1-14	1	1	2	10%	advisable
Trader	DIMR Trader Dimpala Eclipse	trailing	1-14	1	1	2	10%	advisable
Ansell	Orbio 360 LED	leading	1-13	1	1	2	9%	advisable
SCHNERDER	SBD315RC	trailing	1-11	1	1	2	7%	advisable
VARILIGHT	JQP401W	trailing	1-11	1	1	2	9%	advisable
MK	K1521 WHILV		1-11	1	1	2	15%	advisable

LED Drivers with different phase-cut dimmers

Values for dimmers at min load: 3v_500mA

Product name	Article number	Dimmer type ¹	LED Drivers per dimmer	Linearity	Noise rating ²	Flicker rating ³	Min dimming level	Summary ⁴
Busch	6523 U-102	universal	1-56	1	1	1	8%	advisable
Berker	283010	leading	1-53	5	1	1	33%	not useful
Clipsal	32E450TM	trailing	1-60	1	1	1	7%	advisable
Clipsal	32E450UDM	universal	1-60	1	1	1	10%	advisable
ELKO	316GLED	trailing	1-42	1	1	1	8%	advisable
ELKO	315GLE-2Pole	trailing	1-42	1	1	1	9%	advisable
ELKO	315GLE	trailing	1-42	1	1	1	0%	advisable
Feller	40200.LED.F.61	universal	1-27	1	1	1	9%	advisable
GIRA	117600/I01	trailing	1-56	1	1	1	7%	advisable
JUNG	225 TDE	trailing	1-70	1	1	1	7%	advisable
JUNG	225NVDE	leading	1-13	1	1	2	7%	advisable
JUNG	254 UDIE 1	universal	1-80	1	1	1	8%	advisable
Niko	325	universal	1-43	1	1	1	9%	advisable
SAL	SDA450	trailing	1-60	1	1	1	8%	advisable
SAL	SDD350	trailing	1-47	1	1	1	6%	advisable
Siemens	5TCB 257	leading	1-67	1	1	2	1%	advisable
Clipsal	32ELEDM	trailing	1-53	1	1	2	7%	advisable
DIGINET/ MMDM	04-B3218-H	trailing	1-53	1	1	2	6%	advisable

LED Drivers with different phase-cut dimmers

DIGINET/ MEDM	04-B1218-D	trailing	1-53	1	1	2	10%	advisable
SG Bluetooth	820322	trailing	1-53	1	1	2	9%	advisable
GIRA	30200	leading	1-80	5	1	2	36%	not useful
	1607	leading	1-53	5	1	2	6%	not useful
	6523U	leading	1-27	1	1	2	10%	advisable
Sunny	SDD400U	trailing	1-53	1	1	2	9%	advisable
Clipsal	31E2PUDM	trailing	1-53	1	1	2	10%	advisable
Trader	DIMR Trader Dimpala Eclipse	trailing	1-53	1	1	2	11%	advisable
Ansell	Orbio 360 LED	leading	1-48	5	1	2	28%	not useful
SCHNERDER	SBD315RC	trailing	1-42	1	1	2	6%	advisable
VARILIGHT	JQP401W	trailing	1-40	1	1	2	10%	advisable
MK	K1521 WHILV	trailing	1-40	5	1	2	24%	not useful

Explanation and rating definition:

1. Dimmer types: leading-edge, trailing-edge, universal
2. Noise evaluation: 1 (very little noise) -> 5 (strong noise).
3. Flicker evaluation: 1 (no flicker) -> 5 (strong flicker)
4. Summary rating:
advisable = no flicker and noise rating ≤ 3 ;
average = shimmer or big step, noise rating ≤ 3 ;
not good = flicker;
not useful = strong flicker