LED Drivers with different phase-cut dimmers

⚠ 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 W: 15 W <= 20 devices

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LCA 15W 180-350mA flexC pc SR ADV (87500627) - Values for dimmers at 180 mA min. load, 230 V / 50 Hz

Product name	Article no.	Dimmer type[1]	Driver per dimmer	Noise rating[2]	Flicker rating[3]	Min. dimming level	Other issues[4]
BerKer	283010	leading	-	2	5	N/A	Not useful
Busch	2247U	leading	-	3	5	0.7 %	Not useful
Busch Jaeger	6523U	leading	1-6	2	1	0.7 %	
CLIPSAL	32E450LM	leading	2-3	4	1	8.8 %	
CLIPSAL	32E450UDM	universal	1-27	1	1	11.4 %	
CLIPSAL	32E450TM	trailing	1-27	1	1	9.3 %	
CLIPSAL	L5508D1A	universal	-	4	4	0 %	Not useful
DIGINET	MMDM/PB	leading	1-20	2	1	0 %	
DIGINET	MEDM	leading	1-20	2	1	0 %	
ELKO	315GLE	trailing	1-5	1	1	3.8 %	
ELKO	316GLED	trailing	1-20	1	1	25.5 %	
Finder	15.91.8	leading	1-2	2	1	5.6 %	
GIRA	30200	leading	1-3	3	1	8.1 %	
GIRA	117600/101	trailing	1-26	1	1	0.1 %	
Hager	EVN011	universal	2-18	1	1	18.4 %	
Hager	EVN012	universal	2-18	1	2	19.0 %	
Legrand	78405	leading	-	3	5	N/A	Not useful
Legrand	78401	trailinig	-	2	5	N/A	Not useful
Niko	325	universal	1-20	3	1	0.1 %	
Schneider	40300 RC	trailing	1-19	1	1	14.2 %	

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Schneider	40600.RL	leading	2-4	3	1	9.8 %	

Explanation:

1. Dimmer types: leading-edge, trailing-edge, universal
2. Noise evaluation: 1 (very little noise) -> 4 (strong noise).
   Noise evaluation was only carried out for full load. Values for minimum load are less critical. For reference refer to full load.
3. Flicker evaluation: 1 (no flicker) -> 4 (strong flicker)
4. Other issues: description of the issue.
   ZSL-UP is an additional circuit that can improve the dimming behaviour of specific lamps.