

LCBI 15W 500mA BASIC phase-cut SR (89800267), 230V/50Hz

Values for dimmers at full load

Product name	Article number	Dimmer type ¹	Control gear per dimmer	Noise rating ²	Flicker rating ³	Other issues ⁴	Rating summary ⁵
Amacher 03 5012 60- 600w	435 HAN	leading	1-20		3	Flicker, removed by using ZSL-UP ⁴	not good
Busch-Jaeger 6524U	6512-0-0311	leading	1-3		1	Poor dim depth	not good
CHiNT NEW 7-C30510	121227E7	leading	1-16		1		adviseable
CLIPSAL C Bus 2 L5508D1A	10871212	leading	1-6 x 8 channel		1		adviseable
Crabtree CRO-1w20 60-250w	CRO-1	leading	1-8		1		adviseable
DUEWI ET1 53850 20-300w	ET153850	trailing	2-10		3	Flicker at maximum	not good
Feller 30583 40 - 500w	30583	leading	1-16		1		adviseable
JUNG 225 TDE Tronic Dimmer 20-525w	225 TDE	trailing	1-17		1		adviseable
RICHMOND 10w-600w	MP600TE	trailing	1-20		1		average

Explanation:

1. Dimmer types: leading, trailing, 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 behavior of specific lamps.
5. Rating summary: 1 (adviseable) → 2 (average) → 3 (not good) → 4 (not useful)

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Values for dimmers at minimum load

Product name	Article number	Dimmer type ¹	Control gear per dimmer	Noise rating ²	Flicker rating ³	Other issues ⁴	Rating summary ⁵
Amacher 03 5012 60-600w	435 HAN	leading	1-20		4	Flicker at minimum current, not removed by ZSL-UP ⁴	not good
Bull B6 GD100	G07D101	leading	1-16		1		adviseable
Busch-Jaeger 6524U	6512-0-0311	leading	1-3		1		average
CHiNT NEW 7-C30510	121227E7	leading	1-16		1		adviseable
DUEWI ET1 53850 20-300w	ET153850	trailing	1-10		4	Flicker at maximum	not good
FUJIYAMA 600w	FJ159	leading	1-20		4	Flicker at minimum current, not removed by ZSL-UP ⁴	not good
Lumic LM600	LM600	leading	1-20		1		adviseable
Panasonic Max 300	WEG 57813	leading	1-10		2	Flicker at minimum, removed by using ZSL-UP ⁴	average

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ZSL-UP is an additional circuit that can improve the dimming behavior of specific lamps.
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