

LCBI 25W 700mA BASIC phase-cut SR (89800307), 230V/50Hz

CAUTION!

The maximum number of control gear per dimmer is defined by the power of the control gear and the dimmer:

- ▶ The total power of all connected control gear must not exceed 50% of the power of the dimmer.

Example:

- ▶ Power of dimmer: 600 W → 50% power: 300 W
- ▶ Power of control gear: 15 W
- ▶ Maximum number of control gear: $300 \text{ W} : 15 \text{ W} \leq 20$ devices

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 | |
|--------------------------|----------------|--------------------------------|-------------------------|---------------------------|-----------------------------|--|---------|
| DSI - PCD/S | 22 154 333 | leading-edge and trailing-edge | 1-16 | - | - | no function with one LCBI | 1x LCBI |
| DALI - PCD/S | 22 154 332 | leading-edge and trailing-edge | 1-16 | - | - | no function with one LCBI | |
| DALI - PCD 300 one4all | 86 458 303 | leading-edge and trailing-edge | 1-5 | 1 | 1 | - | 2x LCBI |
| DALI - PCD 1-300 one4all | 28 000 441 | leading-edge and trailing-edge | 1-5 | 2 | 1 | no proper function when turning on, after a moment it is working | |
| DSI - PCD/S | 22 154 333 | leading-edge and trailing-edge | 2-16 | 2 | 1 | no proper turn on → flicker | |
| DALI - PCD/S | 22 154 332 | leading-edge and trailing-edge | 2-16 | 2 | 1 | no proper turn on → flicker | |
| DALI - PCD 300 one4all | 86 458 303 | leading-edge and trailing-edge | 2-5 | 1 | 1 | - | |
| DALI - PCD 1-300 one4all | 28 000 441 | leading-edge and trailing-edge | 2-5 | 2 | 1 | no proper switchDIM function | |

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 behavior of specific lamps.