

PRODUCT DATASHEET

LED PRO Phase Cut Dimmable 20/220... 240/500

LED PRO Phase-cut Dimmable CC Driver | Compact constant current LED driver with phase-cut dimming interface



Areas of application

- For indoor SELV installations
- Suitable for downlights, spotlights, LED panels, etc.
- Offices, shopping centers, hospitals, restaurants, hotels

Product benefits

- Compatible with many common leading-edge and trailing-edge phase dimmers
- High flexibility due to adjustable output currents via dip switch
- Small housing for flexible luminaire designs

Product features

- Safety extra-low voltage (SELV) driver
- Built-in or independent installation with optional Cable Clamp Kit possible
- Available in 12 W, 20 W, 30 W
- Low ripple current < 5%
- Lifetime: up to 50,000 h (at max. tc temperature)
- Safety according to IEC 61347-1, IEC 61347-2-13
- EMC immunity according to EN 55015, IEC 61547, IEC 61000

TECHNICAL DATA

Electrical data

Nominal wattage	25.00 W
Nominal output power	20 W
Nominal voltage	220...240 V
Nominal output voltage	25...42 V
Nominal output current	250 mA / 300 mA / 350 mA / 400 mA / 450 mA / 500 mA
Output current tolerance	±7,5 %
Output ripple current (100 Hz)	< 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	20 %
Power factor λ	0.90
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

Dimensions & Weight

Length	97.00 mm
Width	40.00 mm
Height	27.00 mm
Product weight	95.00 g

Colors & materials

Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Temperature range in operation	-20...+50 °C


Capabilities

Dimmable	Yes
Dimming interface	Phase Cut
Overload protection	Yes
No-load proof	Yes
Short-circuit protection	Yes

Certificates & Standards

Approval marks – approval	CE / RoHS
Standards	Acc. to IEC 61347-1 / Acc. to IEC 61347-2-13 / Acc. to EN 55015 / Acc. to IEC 61547 / Acc. to IEC 61000
Protection class	II
Type of protection	IP20

Accessories Optional

Product image	Product name	EAN
	LVA CABLE CLAMP	4058075299580

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075299733	Unpacked 1	36 mm x 26 mm x 89 mm	84.00 g	0.08 dm ³
4058075299740	Shipping box 40	218 mm x 212 mm x 152 mm	4968.00 g	7.02 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.