LEDVANCE

PRODUCT DATASHEET
LED PRO Phase Cut Dimmable 12/220… 240/300

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	12.00 W
Nominal voltage	220…240 V
Nominal output voltage	25…42 V
Input voltage AC	220-240 V
Nominal current	0.07 A
Output current tolerance	+/- 5 %
Output ripple current (100 Hz)	≤ 5 %
Mains frequency	50/60 Hz
Total harmonic distortion	< 15 % [1]
Power factor λ	≥ 0.95 [1]
ECG efficiency	78 % [1]
Surge capability (L-N)	1 kV

[1] At full load

Dimensions & Weight

Length	97.00 mm
Width	40.00 mm
Height	27.00 mm
Cable cross-section, input side	0.75…1.5 mm²
Cable cross-section, output side	0.5…1.5 mm²
Product weight	76.00 g

Colors & materials

Body material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20…+50 °C
Maximum temperature at tc test point	75 °C

Capabilities

Dimmable	Yes

Dimming interface	Phase Cut
Overload protection	Yes
Short-circuit protection	Yes

Certificates & Standards

Standards	CB / EMC / ROHS
Protection class	II
Type of protection	IP20

Accessories Optional

Product image	Product name	EAN
		4058075550551

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854013126	Unpacked 1	36 mm x 26 mm x 89 mm	84.00 g	0.08 dm³
4099854013133	Shipping box 40	218 mm x 212 mm x 152 mm	3732.00 g	7.02 dm³

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.