

PRODUCT DATASHEET

LVED VAL 20/220-240/500

Constant current LED drivers | Constant current LED drivers



Areas of application

- Hotels, shops, hospitality, residential interiors
- Suitable for indoor SELV installations
- Suitable for luminaires of protection class II

Product benefits

- Suitable for space-critical installation thanks to compact functional design
- Both independent and build-in design for wide application
- Easy to install and use

Product features

- Available in 10 W, 12 W, 14 W, 20 W, 24 W, 28 W, 36 W, 42 W
- Lifetime: up to 50,000 h (at max. tc temperature)
- Reversible overload, short-circuit and open-circuit protection
- Protection class II
- Type of protection: IP20
- Safety according to IEC 61347-1, IEC 61347-2-13
- EMC immunity according to CISPR15/EN 55015, IEC/ EN 61547, IEC/EN61000-3-2
- Performance according to IEC 62384

TECHNICAL DATA

Electrical data

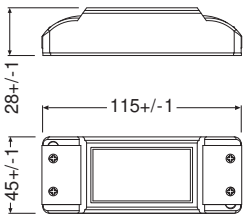
Nominal wattage	20.00 W
Nominal output power	11.9...21.0 W
Nominal voltage	220...240 V
Nominal output voltage	25...40 V
Input voltage AC	198...264 V ¹⁾
Nominal output current	500 mA
Inrush current	< 10 A
Output current tolerance	±5 %
Mains frequency	50...60 Hz
Total harmonic distortion	< 10 %
Power factor λ	≥0.90 ²⁾
ECG efficiency	≥84 % ³⁾
Galvanic isolation	SELV

1) Permitted voltage range

2) Full load at 230 V

3) At full load, 230 V, 50 Hz

Dimensions & Weight



Length	115.00 mm
Width	45.00 mm
Height	28.00 mm
Product weight	60.00 g

Colors & materials

Product color	White
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Max.housing temperature in case of fault	110 °C
Temperature range in operation	-20...+45 °C
Permitted rel. humidity during operation	5...85 %

Lifespan

ECG lifetime	50000 h ¹⁾
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1) At T_a = 45°C / T_c = 80°C / 10% failure rate

Capabilities

Dimmable	No
Overheating protection	No
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
Max. cable length to lamp/LED module	2,0 m
Suitable for emergency lighting	No

Certificates & Standards

Approval marks – approval	CB / RoHS
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-25...+85 °C
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075463639	Unpacked 1			
4058075463646	Shipping box 100	465 mm x 160 mm x 250 mm	10200.00 g	18.60 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.