

PRODUCT DATASHEET

LVED VAL 100/220-240/700 P L

LED VAL Outdoor CC Driver | Constant current driver for LED modules



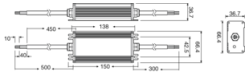
TECHNICAL DATA

Electrical data

Nominal wattage	100.00 W
Nominal voltage	220...240 V
Nominal output voltage	100...143 V
Nominal output current	700 mA
Output current tolerance	+/- 5 %
Output ripple current (100 Hz)	≤ 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	< 10 % ¹⁾
Power factor λ	> 0.95 ¹⁾
ECG efficiency	≥93 % ¹⁾
Surge capability (L/N-Ground)	6 kV
Surge capability (L-N)	6 kV

1) At full load

Dimensions & Weight



Length	143.00 mm
Width	53.00 mm
Height	31.50 mm
Cable cross-section, input side	3*1.0 mm ²
Cable cross-section, output side	2*1.0 mm ²
Product weight	403.00 g

Temperatures & operating conditions

Ambient temperature range	-40...+55 °C
Maximum temperature at tc test point	90 °C

Lifespan

ECG lifetime	50000 h
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Capabilities

Dimmable	No
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Overheating protection	Yes
Overload protection	Yes
Short-circuit protection	Yes

Certificates & Standards

Approval marks – approval	CB / KC
Protection class	1
Type of protection	IP67

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854050039	Unpacked 1		451.00 g	
4099854050046	Shipping box 24	410 mm x 285 mm x 165 mm	11604.00 g	19.28 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.