

PRODUCT DATASHEET

LVED PRO 350/220-240/48 P

Constant voltage 48V LED drivers | Constant Voltage - Outdoor - on/off



Areas of application

- Indoor backlighting
- Cove lighting
- Outdoor public squares and building lighting

Product benefits

- Short-circuit, over temperature, overload and over voltage protections
- Wide ambient temperature range -40 to +55 °C for 350W
- Long lifetime to reduce the maintenance cost
- High surge protection: 350W, up to 10KV (L/N-PE)
- High Power factor, PF > 0.95
- Independent installation possible

Product features

- Constant voltage 48V LED drivers
- Class I & IP67 design for 350 W
- Class II & IP20 design for 150 W / 250 W
- Available in 150 W, 250 W, 350 W
- Maximum Output Current: 150 W, 3.125 A; 250 W, 5.21 A; 350 W, 7.3 A
- Lifetime up to 50,000 hours
- CB, KC available
- SELV and suitable for Class I/II

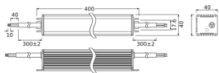
TECHNICAL DATA

Electrical data

Nominal wattage	350.00 W
Nominal voltage	220...240 V
Nominal output voltage	48 V
Type of current	DC
Nominal current	7300 mA
Inrush current	80 A
Output ripple current (100 Hz)	≤ 3 %
Mains frequency	50...60 Hz
Total harmonic distortion	< 10 %
Power factor λ	> 0.95
ECG efficiency	≥ 93 %
Max. ECG no. on circuit breaker 10 A (B)	4
Max. ECG no. on circuit breaker 16 A (B)	7
Max. ECG no. on circuit breaker 25 A (B)	11
Surge capability (L-N)	6 kV ¹⁾
Galvanic isolation	SELV

1) L/N-PE: 10kV

Dimensions & Weight



Length	400.00 mm
Mounting hole spacing, length	400 mm
Width	40.00 mm
Height	40.00 mm
Cable cross-section, input side	3*1.5 mm ²
Cable cross-section, output side	2*1.0 mm ²
Prewired	Yes
Wire preparation length, input side	10 mm
Product weight	1100.00 g

Colors & materials

Product color	Grey
Body material	Aluminum

Temperatures & operating conditions

Ambient temperature range	-40...+55 °C
Maximum temperature at tc test point	90 °C
Temperature range in operation	-40...+55 °C
Permitted rel. humidity during operation	10...93 %

Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overheating protection	Yes
Overload protection	Yes
Suitable for fixtures with prot. class	I
Suitable for emergency lighting	No


Certificates & Standards

Approval marks – approval	KC / BIS
Protection class	I
Type of protection	IP67

LOGISTICAL DATA

Temperature range at storage	-25...+80 °C
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DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	LED CV48V UI

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854053771	Unpacked 1		1080.00 g	
4099854053788	Shipping box 12	470 mm x 265 mm x 165 mm	13900.00 g	20.55 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.