

PRODUCT DATASHEET

DR-VAL -30/220-240/700

LED DRIVER VALUE | Constant current LED driver with dedicated current



Areas of application

- Suitable for LED luminaires and LED modules
- Applicable for luminaires of protection classes I and II
- For indoor SELV installations
- Offices, shopping centers, hospitals, restaurants, hotels

Product benefits

- Suitable for operation with many discrete LED and COB LED
- Excellent price/performance ratio
- 3 years guarantee
- Quick and simple installation
- High efficiency and reliability

Product features

- Available in 15 W, 20 W, 30 W, 45 W and 60 W
- Integrated cable clamp for independent installation
- Lifetime: up to 35,000 h (at max. tc temperature)
- Type of protection: IP20
- Dedicated, constant output current
- Low ripple current < 5%
- Supply voltage: 220...240 V
- Operating frequency: 50/60 Hz
- Operated with less than 60 V: Safety extra-low voltage (SELV)
- Short-circuit and overload protection

TECHNICAL DATA

Electrical data

Nominal wattage	30.00 W
Nominal output power	30 W ¹⁾
Nominal voltage	220...240 V
Nominal output voltage	26...43 V ²⁾
Input voltage AC	198...264 V ³⁾
U-OUT (working voltage)	60 V
Type of current	DC
Nominal current	250 mA
Nominal output current	700 mA ⁴⁾
Inrush current	7 A
Output current tolerance	±5 %
Output ripple current (100 Hz)	< 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	16 % ⁵⁾
Power factor λ	0.90 ⁶⁾
ECG efficiency	88 % ⁷⁾
Device power loss	3,6 W ⁸⁾
Max. ECG no. on circuit breaker 10 A (B)	25
Max. ECG no. on circuit breaker 16 A (B)	40
Max. ECG no. on circuit breaker 25 A (B)	63
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

1) Partial load 18...30 W

2) Maximum 60 V

3) Permitted voltage range

4) ±10%

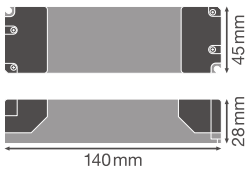
5) At full load, 220...240 V, 50 Hz

6) Full load at 230 V

7) At full load and 230 V

8) At maximum LED load of 31 W

Dimensions & Weight



Length	140.00 mm
Mounting hole spacing, length	126,0 mm
Width	45.00 mm
Height	28.00 mm
Cable cross-section, input side	0.5...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Prewired	No
Wire preparation length, input side	5...6 mm
Wire preparation length, output side	5...6 mm
Product weight	103.00 g

Colors & materials

Product color	White
Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-10...+50 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	95 °C
Temperature range in operation	-10...+50 °C
Permitted rel. humidity during operation	10...90 % ¹⁾

1) Maximum 56 days/year at 90%

Lifespan

ECG lifetime	35000 h ¹⁾
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1) At maximum T_c = 85°C / 10% failure rate

Additional product data

Encapsulated	No
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Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overheating protection	No
Overload protection	Yes
Short-circuit protection	Yes
Max. cable length to lamp/LED module	2,0 m
Suitable for fixtures with prot. class	I / II
Suitable for emergency lighting	No
Type of connection, output side	Screw terminal

Certificates & Standards

Approval marks – approval	CE
Standards	Acc. to EN 61347-1 / Acc. to EN 61347-2-13 / Acc. to EN 55015 / Acc. to EN 61547 / Acc. to EN 61000-3-2 / Acc. to EN 62384
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-20...+75 °C
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DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	LED DRIVER VALUE CC INDOOR
 Declarations of conformity	EU Declaration of Conformity 3581723

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075240230	Folding box 1	49 mm x 31 mm x 146 mm	115.00 g	0.22 dm ³
4058075240247	Shipping box 10	264 mm x 163 mm x 102 mm	1314.00 g	4.39 dm ³
4058075254190	Shipping box 60	511 mm x 283 mm x 240 mm	8483.00 g	34.71 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.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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