

# 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 overlaod protection

## **TECHNICAL DATA**

#### Electrical data

Nominal wattage	30.00 W
Nominal output power	30 W <sup>1)</sup>
Nominal voltage	220240 V
Nominal output voltage	2643 V <sup>2)</sup>
Input voltage AC	198264 V <sup>3)</sup>
U-OUT (working voltage)	60 V
Type of current	DC
Nominal current	250 mA
Nominal output current	700 mA <sup>4)</sup>
Inrush current	7 A
Output current tolerance	±5 %
Output ripple current (100 Hz)	< 5 %
Mains frequency	5060 Hz
Total harmonic distortion	16 % <sup>5)</sup>
Power factor $\lambda$	0.90 <sup>6)</sup>
ECG efficiency	88 % <sup>7)</sup>
Device power loss	3,6 W <sup>8)</sup>
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) <sub>±10%</sub>

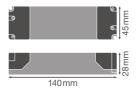
5) At full load, 220...240 V, 50 Hz

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	0.51.5 mm <sup>2</sup>
Cable cross-section, output side	0.51.5 mm <sup>2</sup>
Prewired	No
Wire preparation length, input side	56 mm
Wire preparation length, output side	56 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	1090 % <sup>1)</sup>

1) Maximum 56 days/year at 90%

#### Lifespan

ECG lifetime	35000 h <sup>1)</sup>
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1) At maximum  $T_c = 85^{\circ}C / 10\%$  failure rate

## Additional product data

Encapsulated
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No

## 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	1/1
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	
PDF	User instruction / safety instructions	LED DRIVER VALUE CC INDOOR
POF	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 <sup>3</sup>
4058075240247	Shipping box 10	264 mm x 163 mm x 102 mm	1314.00 g	4.39 dm <sup>3</sup>
4058075254190	Shipping box 60	511 mm x 283 mm x 240 mm	8483.00 g	34.71 dm <sup>3</sup>

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

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