

# PRODUCT DATASHEET

## DR-VAL -60/220-240/1A4

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

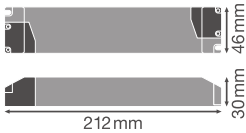
TECHNICAL DATA

Electrical data

Nominal wattage	60.00 W
Nominal output power	60 W <sup>1)</sup>
Nominal voltage	220...240 V
Nominal output voltage	26...43 V <sup>2)</sup>
Input voltage AC	198...264 V <sup>3)</sup>
U-OUT (working voltage)	60 V
Type of current	DC
Nominal current	470 mA
Nominal output current	1400 mA <sup>4)</sup>
Inrush current	35 A
Output current tolerance	±5 %
Output ripple current (100 Hz)	< 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	17 % <sup>5)</sup>
Power factor λ	0.90 <sup>6)</sup>
ECG efficiency	87 % <sup>7)</sup>
Device power loss	7.8 W <sup>8)</sup>
Max. ECG no. on circuit breaker 10 A (B)	12
Max. ECG no. on circuit breaker 16 A (B)	20
Max. ECG no. on circuit breaker 25 A (B)	31
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

- 1) Partial load 36...60 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 61 W

Dimensions & Weight



Length	212.00 mm
Mounting hole spacing, length	202,0 mm
Width	46.00 mm
Height	30.00 mm
Cable cross-section, input side	0.5...1.5 mm <sup>2</sup>
Cable cross-section, output side	0.5...1.5 mm <sup>2</sup>
Prewired	No
Wire preparation length, input side	5...6 mm
Wire preparation length, output side	5...6 mm
Product weight	220.00 g

### Colors & materials

Product color	White
Casing material	Plastic
Body material	Plastic

### Temperatures & operating conditions

Ambient temperature range	-10...+45 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	95 °C
Temperature range in operation	-10...+45 °C
Permitted rel. humidity during operation	10...90 % <sup>1)</sup>

<sup>1)</sup> Maximum 56 days/year at 90%

### Lifespan

ECG lifetime	35000 h <sup>1)</sup>
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<sup>1)</sup> At maximum T<sub>c</sub> = 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
4058075240278	Folding box 1	58 mm x 43 mm x 230 mm	242.00 g	0.57 dm <sup>3</sup>
4058075240285	Shipping box 10	304 mm x 245 mm x 124 mm	2723.00 g	9.24 dm <sup>3</sup>
4058075254213	Shipping box 40	510 mm x 323 mm x 284 mm	11625.00 g	46.78 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](http://www.ledvance.com/guarantee)

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