

PRODUCT DATASHEET

DR-VAL -15/220-240/350

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	15.00 W
Nominal output power	15 W ¹⁾
Nominal voltage	220...240 V
Nominal output voltage	30...46 V ²⁾
Input voltage AC	198...264 V ³⁾
U-OUT (working voltage)	60 V
Type of current	DC
Nominal current	140 mA
Nominal output current	350 mA ⁴⁾
Inrush current	6 A
Output current tolerance	±5 %
Output ripple current (100 Hz)	< 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	13 % ⁵⁾
Power factor λ	0.90 ⁶⁾
ECG efficiency	84 % ⁷⁾
Device power loss	2,6 W ⁸⁾
Max. ECG no. on circuit breaker 10 A (B)	32
Max. ECG no. on circuit breaker 16 A (B)	50
Max. ECG no. on circuit breaker 25 A (B)	78
Surge capability (L-N)	0.5 kV
Galvanic isolation	SELV

1) Partial load 11...16 W

2) Maximum 60 V

3) Permitted voltage range

4) ±10%

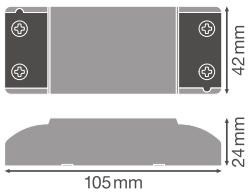
5) At full load, 220...240 V, 50 Hz

6) Full load at 230 V

7) At full load and 230 V

8) At maximum LED load of 17 W

Dimensions & Weight



Length	105.00 mm
Mounting hole spacing, length	91 mm
Width	42.00 mm
Height	24.00 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	70.00 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	80 °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⁾
--------------	-----------------------

¹⁾ At maximum T_c = 80°C / 10% failure rate

Additional product data

Encapsulated	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	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
------------------------------	--------------

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
4058075240193	Folding box 1	46 mm x 28 mm x 111 mm	79.00 g	0.14 dm ³
4058075240209	Shipping box 10	249 mm x 126 mm x 90 mm	977.00 g	2.82 dm ³
4058075254121	Shipping box 60	400 mm x 268 mm x 216 mm	6325.00 g	23.16 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.