

PRODUCT DATASHEET

DR-V -120/220-240/24

LED DRIVER VALUE | Constant voltage LED driver



VALUE
CLASS

Areas of application

- Cove lighting, even in tight spaces
- Wallwasher effect lighting in living rooms, dining rooms, bedrooms, entrances
- For indoor SELV installations
- Offices, shopping centers, hospitals, restaurants, hotels

Product benefits

- Perfectly matched to 24 V LED flexible strips
- Excellent price/performance ratio
- 3 years guarantee
- Quick and simple installation
- Good efficiency and reliability

Product features

- Available in 30 W, 60 W, 120 W and 150 W
- Integrated cable clamp for independent installation
- Lifetime: up to 35,000 h (at max. tc temperature)
- Type of protection: IP20
- Supply voltage: 220...240 V
- Operating frequency: 50/60 Hz
- Operated with less than 60 V: Safety extra-low voltage (SELV)
- Reversible overtemperature, overload, short-circuit and open-circuit protection

TECHNICAL DATA

Electrical data

Nominal wattage	120.00 W
Nominal output power	120 W ¹⁾
Nominal voltage	220...240 V
Nominal output voltage	24 V ²⁾
Input voltage range	220...240 V
Input voltage AC	198...264 V ³⁾
U-OUT (working voltage)	24 V
Type of current	DC
Nominal current	740 mA
Nominal output current	5000 mA ⁴⁾
Inrush current	55 A
Output ripple current (100 Hz)	< 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	< 10 % ⁵⁾
Power factor λ	> 0.90 ⁶⁾
ECG efficiency	87 % ⁷⁾
Device power loss	17.90 W ⁸⁾
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)	9
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

1) From 0 to 120 W

2) Maximum 24 V

3) Permitted voltage range

4) $\pm 10\%$

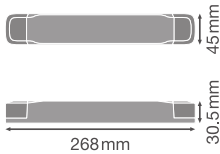
5) At full load, 220...240 V, 50 Hz

6) Full load at 230 V

7) At full load and 230 V

8) At maximum LED load of 120 W

Dimensions & Weight



Length	268.00 mm
Mounting hole spacing, length	251.00 mm
Width	45.00 mm
Height	30.50 mm
Cable cross-section, input side	0.75...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Prewired	No
Wire preparation length, input side	7...9 mm
Wire preparation length, output side	7...9 mm
Product weight	390.00 g

Colors & materials

Product color	White
Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-20...45 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	110 °C
Temperature range in operation	-20...+45 °C
Permitted rel. humidity during operation	20...90 % ¹⁾

¹⁾ Maximum 56 days/year at 90%

Lifespan

ECG lifetime	35000 h ¹⁾
--------------	-----------------------

¹⁾ At maximum T_c = 90°C / 10% failure rate

Capabilities

Dimmable	No
----------	----

Dimming interface	Not dimmable
Overheating protection	Yes
Overload protection	Yes
Short-circuit protection	Yes
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	-25...+80 °C
------------------------------	--------------

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	DR V CV
 Declarations of conformity	CE_CV LED DRIVER
 Declarations of conformity UKCA	UKCA Declaration_ CV LED DR

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075754980	Folding box 1	276 mm x 53 mm x 38 mm	418.00 g	0.56 dm ³
4058075754997	Shipping box 10	307 mm x 296 mm x 122 mm	4530.00 g	11.09 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.