

PRODUCT DATASHEET

DR-VAL -60/220-240/24

LED DRIVER VALUE | Constant voltage LED driver



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

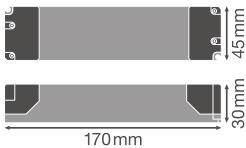
TECHNICAL DATA

Electrical data

Nominal wattage	60.00 W
Nominal output power	60 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	470 mA
Nominal output current	2500 mA ⁴⁾
Inrush current	45 A
Output ripple current (100 Hz)	< 2 %
Mains frequency	50...60 Hz
Total harmonic distortion	13 % ⁵⁾
Power factor λ	0.90 ⁶⁾
ECG efficiency	87 % ⁷⁾
Device power loss	7.8 W ⁸⁾
Max. ECG no. on circuit breaker 10 A (B)	6
Max. ECG no. on circuit breaker 16 A (B)	11
Max. ECG no. on circuit breaker 25 A (B)	17
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

- 1) From 0 to 60 W
- 2) Maximum 24 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 60 W

Dimensions & Weight



Length	170.00 mm
Mounting hole spacing, length	162 mm
Width	45.00 mm
Height	30.00 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	170.00 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	95 °C
Temperature range in operation	-20...+45 °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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Accessories Mandatory

Product image	Product name	EAN
	LS VAL -300/830/5	4058075296091
	LS VAL -300/827/5	4058075296060

Accessories Optional

Product image	Product name	EAN
	LS PFM -1000/865/5/IP66	4058075236103
	LS PFM -600/840/5	4058075236486
	LS SUP -500/927/5	4058075237049
	LS PFM -600/827/5	4058075236400

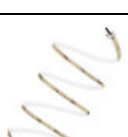
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	LS PFM -1500/827/5	4058075236141
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	LS PFM -1500/827/5/IP66	4058075236301
	LS PFM -300/827/5/IP66	4058075236622
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	LS VAL -1000/840/5	4058075296367
	LS PFM -300/840/5/IP66	4058075236806

Product image	Product name	EAN
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	LS PFM -1000/865/5	4058075236028
	LS PFM -1000/840/5/IP66	4058075236080
	LS VAL -600/827/5	4058075296664
	LS SUP -500/930/5	4058075237063
	LS VAL -300/840/5	4058075296121
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	LS VAL -300/830/5/IP65	4058075296213
	LS SUP -800/927/5/IP67	4058075237360
	LS VAL -1000/840/5/IP65	4058075296480
	LS VAL -300/840/5/IP65	4058075296244
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	LS SUP -800/940/5/IP67	4058075237407
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	LS SUP -800/940/5	4058075237247
	LS SUP -800/965/5	4058075237308

Product image	Product name	EAN
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	LS PFM -1000/827/5/IP66	4058075236042
	LS VAL -1400/865/5	4058075296961
	LS SUP -500/965/5	4058075237100
	LS SUP -500/960/5/IP67	4058075237346
	LS VAL -300/827/5/IP65	4058075296183
	LS VAL -600/865/5	4058075296992
	LS SUP -500/927/5/IP67	4058075237261
	LS SUP -800/960/5/IP67	4058075237421

Product image	Product name	EAN
	LS VAL -600/830/5/IP65	4058075296572
	LS PFM -600/840/5/IP66	4058075236981

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	LED DRIVER VALUE CV 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
4058075240094	Folding box 1	49 mm x 34 mm x 175 mm	185.00 g	0.29 dm ³
4058075240100	Shipping box 10	264 mm x 192 mm x 108 mm	2051.00 g	5.47 dm ³
4058075254251	Shipping box 40	406 mm x 283 mm x 252 mm	8734.00 g	28.95 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

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