

# PRODUCT DATASHEET

## DR-VAL -30/220-240/24

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	30.00 W
Nominal output power	30 W <sup>1)</sup>
Nominal voltage	220...240 V
Nominal output voltage	24 V <sup>2)</sup>
Input voltage range	220...240 V
Input voltage AC	198...264 V <sup>3)</sup>
U-OUT (working voltage)	24 V
Type of current	DC
Nominal current	240 mA
Nominal output current	1250 mA <sup>4)</sup>
Inrush current	20 A
Output ripple current (100 Hz)	< 5 %
Mains frequency	50...60 Hz
Total harmonic distortion	12 % <sup>5)</sup>
Power factor $\lambda$	0.90 <sup>6)</sup>
ECG efficiency	87 % <sup>7)</sup>
Device power loss	3.9 W <sup>8)</sup>
Max. ECG no. on circuit breaker 10 A (B)	10
Max. ECG no. on circuit breaker 16 A (B)	16
Max. ECG no. on circuit breaker 25 A (B)	25
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

1) From 0 to 30 W

2) Maximum 24 V

3) Permitted voltage range

4)  $\pm 10\%$

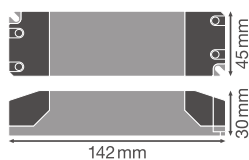
5) At full load, 220...240 V, 50 Hz

6) Full load at 230 V

7) At full load and 230 V

8) At maximum LED load of 30 W

### Dimensions & Weight



Length	142.00 mm
Mounting hole spacing, length	132,0 mm
Width	45.00 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	130.00 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 % <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  $T_c = 85^\circ\text{C}$  / 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 Optional



Product image	Product name	EAN
	LS SUP -500/927/5	4058075237049
	LS VAL -600/827/5	4058075296664
	LS PFM -600/827/5	4058075236400
	LS PFM -300/830/5/IP66	4058075236660
	LS VAL -300/865/5	4058075296152
	LS PFM -600/830/5/IP66	4058075236967
	LS PFM -300/827/5	4058075236387

Product image	Product name	EAN
	LS SUP -500/927/5/IP67	4058075237261
	LS VAL -300/830/5/IP65	4058075296213
	LS VAL -300/865/5/IP65	4058075296275
	LS VAL -600/865/5/IP65	4058075296633
	LS VAL -600/865/5	4058075296992
	LS VAL -300/840/5/IP65	4058075296244
	LS PFM -300/830/5	4058075236424
	LS PFM -300/865/5	4058075236585
	LS PFM -300/865/5/IP66	4058075236707
	LS VAL -300/840/5	4058075296121
	LS PFM -600/830/5	4058075236448
	LS VAL -300/827/5/IP65	4058075296183

Product image	Product name	EAN
	LS VAL -600/827/5/IP65	4058075296541
	LS SUP -500/930/5	4058075237063
	LS VAL -600/840/5/IP65	4058075296602
	LS VAL -300/830/5	4058075296091
	LS VAL -600/840/5	4058075296930
	LS SUP -500/960/5/IP67	4058075237346
	LS PFM -300/840/5/IP66	4058075236806
	LS VAL -600/830/5	4058075296787
	LS SUP -500/965/5	4058075237100
	LS SUP -500/940/5	4058075237087
	LS VAL -600/830/5/IP65	4058075296572
	LS PFM -600/865/5/IP66	4058075237001

Product image	Product name	EAN
	LS SUP -500/930/5/IP67	4058075237285
	LS SUP -500/940/5/IP67	4058075237322
	LS VAL -300/827/5	4058075296060
	LS PFM -600/827/5/IP66	4058075236943
	LS PFM -300/840/5	4058075236523
	LS PFM -600/865/5	4058075236547
	LS PFM -600/840/5/IP66	4058075236981
	LS PFM -300/827/5/IP66	4058075236622
	LS PFM -600/840/5	4058075236486

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
4058075240056	Folding box 1	49 mm x 34 mm x 148 mm	143.00 g	0.25 dm <sup>3</sup>
4058075240063	Shipping box 10	264 mm x 165 mm x 108 mm	1601.00 g	4.70 dm <sup>3</sup>
4058075254183	Shipping box 60	517 mm x 283 mm x 252 mm	10225.00 g	36.87 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.

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### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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