

PRODUCT DATASHEET

DR-PFM -30/220-240/24/P

LED DRIVER OUTDOOR PERFORMANCE | Constant voltage outdoor LED driver



PERFOR-
MANCE
CLASS

Areas of application

- Suitable for indoor and outdoor installations
- Facade and building illumination
- Ideal for illuminating public spaces
- Bathrooms, kitchens and outdoor areas
- Offices, shopping centers, hospitals, restaurants, hotels

Product benefits

- Perfectly matched to 24 V LED flexible strips
- 5 years guarantee
- Very stable output power
- Quick and simple installation due to prewiring
- High efficiency and reliability
- Installation in very cold and hot environments

Product features

- Available in 30 W, 60 W, 100 W, 150 W and 250 W
- Lifetime: up to 50,000 h (at max. tc temperature)
- Type of protection: IP66
- Operating temperature range at ta: -40...50 °C
- Supply voltage: 220...240 V
- Operating frequency: 50/60 Hz
- Surge protection: up to 4 kV (L-N) for 30W/60W, 6 kV (L-N) / 6 kV (L-N-PE) for 100W/150W/250W
- Short-circuit and overload protection

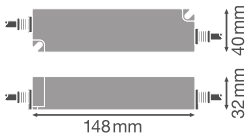
TECHNICAL DATA

Electrical data

Nominal wattage	30.00 W
Nominal output power	30 W ¹⁾
Nominal voltage	220...240 V
Nominal output voltage	24 V ²⁾
Input voltage AC	198...264 V ³⁾
U-OUT (working voltage)	24 V
Type of current	DC
Nominal current	164 mA
Nominal output current	1250 mA ⁴⁾
Inrush current	37 A
Output ripple current (100 Hz)	2.27 %
Mains frequency	50...60 Hz
Total harmonic distortion	< 20 % ⁵⁾
Power factor λ	0.90 ⁶⁾
ECG efficiency	87 % ⁷⁾
Device power loss	4,5 W ⁸⁾
Max. ECG no. on circuit breaker 10 A (B)	16
Max. ECG no. on circuit breaker 16 A (B)	20
Max. ECG no. on circuit breaker 25 A (B)	31
Surge capability (L/N-Ground)	6 kV
Surge capability (L-N)	4 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	148.00 mm
Mounting hole spacing, length	136,0 mm
Width	40.00 mm
Height	32.00 mm
Cable cross-section, input side	1 mm ²
Cable cross-section, output side	1 mm ²
Prewired	Yes
Product weight	330.00 g

Colors & materials

Product color	White
Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-40...+50 °C
Maximum temperature at tc test point	80 °C
Temperature range in operation	-40...+50 °C
Permitted rel. humidity during operation	20...95 % ¹⁾

¹⁾ Maximum 56 days/year at 95%

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At maximum T_c = 80°C / 10% failure rate

Additional product data

Encapsulated	Yes
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Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overheating protection	No
Overload protection	No
Short-circuit protection	Yes
Max. cable length to lamp/LED module	10 m
Suitable for fixtures with prot. class	I / II
Suitable for emergency lighting	No

Type of connection, output side	Cables
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Certificates & Standards

Approval marks – approval	CE / TUV
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	IP66

LOGISTICAL DATA

Temperature range at storage	-40...+80 °C
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DOWNLOAD DATA

Documents and certificates	
	User instruction
	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075239890	Folding box 1	209 mm x 61 mm x 41 mm	361.00 g	0.52 dm ³
4058075239906	Shipping box 10	226 mm x 140 mm x 233 mm	3857.00 g	7.37 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.