LEDVANCE

PRODUCT DATASHEET
DR-SUP -30/220-240/24

LED DRIVER SUP | Constant voltage longlife LED driver

SUPERIOR CLASS

Areas of application

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

Product benefits

– Perfectly matched to 24 V LED flexible strips
– Long reliable life at maximum permitted temperatures
– 5 years guarantee
– Maintenance-free operation and minimal installation costs
– Quick and simple installation
– High efficiency and reliability

Product features

– Available in 30 W, 60 W, 100 W and 200 W
– Integrated cable clamp for independent installation
– Lifetime: up to 60,000 h (at max. tc temperature)
– Type of protection: IP20
– 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)
– Reversible overtemperature, overload, short-circuit and open-circuit protection

TECHNICAL DATA

Electrical data

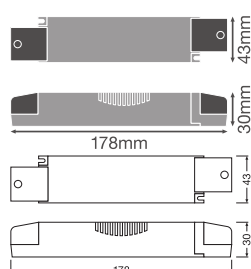|	
Nominal wattage	30.00 W
Nominal output power	30 W [1]
Nominal voltage	220…240 V
Nominal output voltage	24 V [2]
Input voltage AC	198…264 V [3]
U-OUT (working voltage)	25 V
Type of current	DC
Nominal current	160 mA
Nominal output current	1250 mA
Inrush current	20 A
Output ripple current (100 Hz)	1.5 %
Mains frequency	50…60 Hz
Total harmonic distortion	< 10 % [4]
Power factor λ	0.95 [4]
ECG efficiency	85 % [5]
Device power loss	5 W [6]
Max. ECG no. on circuit breaker 10 A (B)	24
Max. ECG no. on circuit breaker 16 A (B)	38
Max. ECG no. on circuit breaker 25 A (B)	60
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

[1] From 1 to 30 W

[2] Maximum 24 V

[3] Permitted voltage range

[4] At full load

[5] At full load and 230 V

[6] At maximum LED load of 30 W

Dimensions & Weight

Length	178.00 mm
Mounting hole spacing, length	121,0 mm
Width	43.00 mm
Height	30.00 mm
Cable cross-section, input side	0.5…1.5 mm²
Cable cross-section, output side	0.5…1.5 mm²
Prewired	No
Wire preparation length, input side	8,0 mm
Wire preparation length, output side	8,0 mm
Product weight	118.00 g

Colors & materials

Product color	White
Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-20…+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Temperature range in operation	-20…+50 °C
Permitted rel. humidity during operation	5…85 %

Lifespan

ECG lifetime	60000 h [1]

[1] At maximum T_c = 75°C / 10% failure rate

Additional product data

Encapsulated	No

Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overheating protection	Yes
Overload protection	Yes
Short-circuit protection	Yes
Max. cable length to lamp/LED module	2,0 m
Suitable for fixtures with prot. class	II

Suitable for emergency lighting	No
Type of connection, output side	Fixed connection (terminal)

Certificates & Standards

Approval marks – approval	CE / CB / ENEC
Standards	Acc. To IEC/EN61347-1 / Acc. to IEC 61347-2-13 / Acc. to GB 19510.1 / Acc. to GB 19510.14 / Acc. to EN 55015 / Acc. to IEC 61000-3-2 / Acc. to IEC 61000-3-3 / Acc. to IEC 61000-4-2, 3, 4, 5, 6, 8, 11 / Acc. to IEC 61547 / Acc. to IEC 62384
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User Instruction / Safety Instructions	DR-SUP 220-240 24
PDF	Declarations of conformity	DR SUP LL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075437784	Folding box 1	180 mm x 44 mm x 34 mm	134.00 g	0.27 dm³
4058075437791	Shipping box 10	195 mm x 182 mm x 110 mm	1463.00 g	3.90 dm³

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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.