

Driver LC 200W 24V SC SNC2

essence series 24 V – not dimmable (IP20)

**Product description**

- _ Constant voltage LED driver
- _ Output voltage 24 V
- _ Max. output power 200 W
- _ Dimmable via external PWM LED dimmers attached on output side
- _ For luminaires of protection class I and protection class II
- _ The strain relief is included in both packaging variants. In the single packaging (SP) each Driver has also an individual packaging
- _ Nominal lifetime up to 50,000 h
- _ 5 years guarantee (conditions at www.tridonic.com)

Typical applications

- _ Cove lighting, facade accent lighting, ceiling integration, refrigerated displays

Technical details

- _ 24 V, 200 W
- _ Small design (325 x 43 x 30 mm) with stretched-compact strain relief
- _ Output LF voltage ripple (< 120 Hz) $\pm 1.5\%$
- _ Power input on stand-by < 0.5 W
- _ Small cross section
- _ Push terminals for simple wiring

System solution

- _ Tridonic LLE-FLEX ADV G2 600, 1,200, 1,800 lm/m
- _ Tridonic LLE-FLEX EXC 600, 1,200, 1,800, 2,500 lm/m
- _ In connection with Flex accessories wire to PCB plug

Website
<http://www.tridonic.com/87501057>


Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

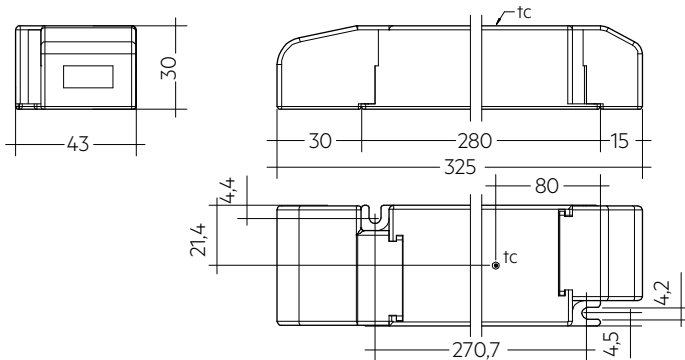


High bay

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The complete data sheet for this product is available in the Downloads section.

**Ordering data**

Type	Article number	Packaging, carton	Packaging, pallet	Packaging, high volume	Weight per pc.
Single packaging					
LC 200W 24V SC SNC2 SP	87501057	20 pc(s).	160 pc(s).	960 pc(s).	0.505 kg

Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
Mains frequency	50 / 60 Hz
Overvoltage protection	320 V AC, 1 h
Typ. rated current (at 230 V, 50 Hz, full load) ①	950 mA
Max. input power	216 W
Typ. efficiency (at 230 V, 50 Hz, full load)	92.5 %
λ over full operating range (max.) ①	0.98
λ over full operating range (min.)	0.93C
Typ. input current in no-load operation	< 87 mA
Typ. input power in no-load operation	< 0.5 W
In-rush current (peak / duration)	98 A / 112 μ s
THD (at 230 V, 50 Hz, full load) ①	< 10 %
Output P _{ST_LM} (at full load)	≤ 1
Output SVM (at full load)	≤ 0.4
Starting time (at 230 V, 50 Hz, full load) ①	< 0.5 s
Turn off time (at 230 V, 50 Hz, full load)	< 0.5 s
Hold on time at power failure (output)	0 s
Output voltage tolerance	± 1 V
Output LF voltage ripple (< 120 Hz)	± 1.5 %
Max. output voltage (U-OUT)	25 V
Burst capability	1 kV
Mains surge capability (between L - N)	1 kV
Mains surge capability (between L/N - PE)	2 kV
Type of protection	IP20
Lifetime	up to 50,000 h
Guarantee (conditions at www.tridonic.com)	5 Year(s)
Dimensions L x W x H	325 x 43 x 30 mm

Approval marks

Standards

EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 62384, EN 61547, IEC 60335-1, IEC 60335-2-89

Specific technical data

Type	Load	Output voltage	Output current	Max. Ausgangsleistung	Typ. power consumption	Typ. current consumption	tc point max.	Ambient temperature ta
LC 200W 24V SC SNC2 SP	30 %	24 V	2,500 mA	60 W	68.9 W	319 mA	80 °C	-20 ... +50 °C
LC 200W 24V SC SNC2 SP	40 %	24 V	3,333 mA	80 W	89.4 W	405 mA	80 °C	-20 ... +50 °C
LC 200W 24V SC SNC2 SP	50 %	24 V	4,167 mA	100 W	110.2 W	493 mA	80 °C	-20 ... +50 °C
LC 200W 24V SC SNC2 SP	60 %	24 V	5,000 mA	120 W	131.0 W	581 mA	80 °C	-20 ... +50 °C
LC 200W 24V SC SNC2 SP	70 %	24 V	5,833 mA	140 W	151.8 W	671 mA	85 °C	-20 ... +50 °C
LC 200W 24V SC SNC2 SP	80 %	24 V	6,666 mA	160 W	173.0 W	762 mA	85 °C	-20 ... +50 °C
LC 200W 24V SC SNC2 SP	90 %	24 V	7,500 mA	180 W	194.1 W	853 mA	88 °C	-20 ... +50 °C
LC 200W 24V SC SNC2 SP	100 %	24 V	8,333 mA	200 W	216.0 W	948 mA	88 °C	-20 ... +45 °C

① Valid at 100 % dimming level.