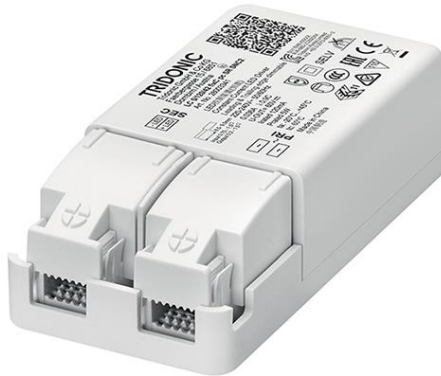


Driver LC 5W 120mA fixC pc SR SNC2

essence series

**Product description**

- _ Dimmable constant current LED driver (SELV)
- _ Independent driver with strain-relief housing
- _ Extra flat housing for constrained installation conditions (small ceiling cut outs and low ceiling voids)
- _ Dimmable via leading edge and trailing edge phase dimmers
- _ Dimming range 5 to 100 % (depending on dimmer)
- _ For luminaires with F or M and MM as per EN 60598, VDE 0710 and VDE 0711
- _ Max. output power 5 W
- _ Output current 120 mA
- _ Nominal lifetime up to 50,000 h
- _ 5 years guarantee

Housing properties

- _ Casing: polycarbonate, white
- _ Type of protection IP20
- _ Push-in terminals
- _ 2 separate strain relief parts for input and output cables with highly robust clamps

Functions

- _ Overload protection
- _ Short-circuit protection
- _ No-load protection
- _ No output current overshoot at mains on/off

Website
<http://www.tridonic.com/28003341>


Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



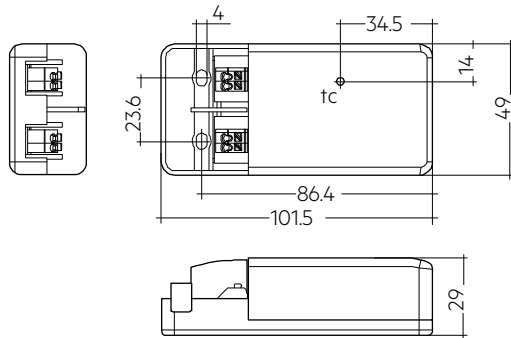
Decorative



High bay

essence series

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



Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pc.
LC 5/120/42 fixC pc SR SNC2	28003341	10 pc(s).	3,000 pc(s).	0.085 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
λ at full load ^①	0.9C
λ at min. load ^①	0.8C
THD (at 230 V, 50 Hz, full load)	< 20 %
THD (at 230 V, 50 Hz, min. load)	< 20 %
Output current tolerance (at 230 V, 50 Hz, full load) ^②	± 7.5 %
Output current tolerance (at 230 V, 50 Hz, min. load) ^②	± 7.5 %
Output LF current ripple (< 120 Hz) at full load	± 3 %
Output P_ST_LM (at full load)	≤ 1
Output SVM (at full load)	≤ 0.4
Starting time (at 230 V, 50 Hz, full load)	≤ 0.5 s
Turn off time (at 230 V, 50 Hz, full load)	≤ 0.5 s
Hold on time at power failure	0 s
Ambient temperature ta	-20 ... +45 °C
Ambient temperature ta (at lifetime 50,000 h)	35 °C
Storage temperature ts	-40 ... +80 °C
Mains burst capability	1 kV
Mains surge capability (between L - N)	1 kV
Mains surge capability (between L/N - PE)	2 kV
Surge voltage at output side (against PE)	2.5 kV
Lifetime	up to 50,000 h
Guarantee	5 Year(s)
Dimensions L x W x H	101.5 x 49 x 29 mm

Approval marks



Standards

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

Specific technical data

Type	Output current ^②	Typ. rated current (at 230 V, 50 Hz, full load)	Typ. power consumption (at 230 V, 50 Hz, full load)	Output power range	Efficiency at full load ^①	Efficiency at min. load ^①	Min. forward voltage ^①	Max. forward voltage ^①	Max. output voltage (U _{OUT})	Max. peak output current	Max. casing temperature T _c
LC 5/120/42 fixC pc SR SNC2	120 mA	36 mA	7.2 W	3.2 – 5 W	72 %	70 %	27 V	42 V	60 V	133 mA	60 °C

① Test result at 230 V, 50 Hz without dimmer connected.

② Output current is mean value.