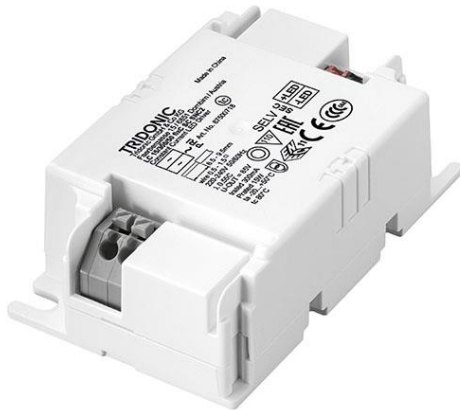


Driver LC 15W 300/350mA fixC SC SNC2

essence series

**Product description**

- _ Fixed output LED driver
- _ Can be either used built-in or independent with clip-on strain-relief (see accessory)
- _ Independent LED driver with cable clamps
- _ Constant current LED driver
- _ For luminaires of protection class II
- _ Temperature protection as per EN 61347-2-13 C5e
- _ Output current 300 or 350 mA
- _ Max. output power 15 W
- _ Nominal lifetime up to 50,000 h
- _ 5 years guarantee (conditions at <https://www.tridonic.com/manufacture-guarantee-conditions>)

Housing properties

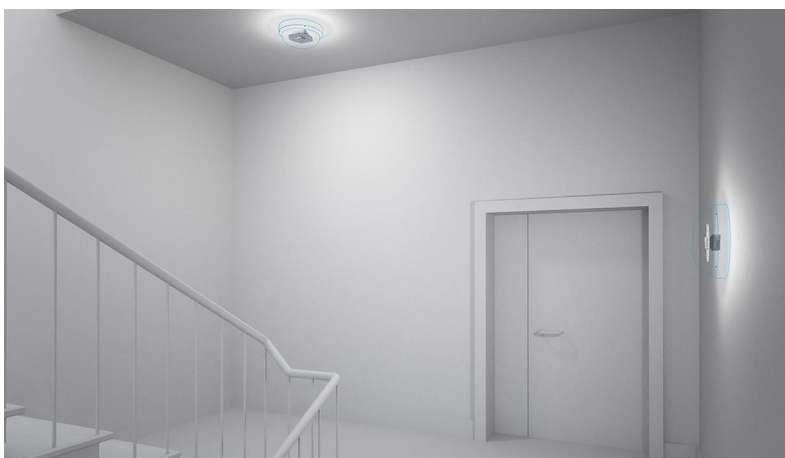
- _ Casing: polycarbonate, white
- _ Type of protection IP20

Functions

- _ Overload protection
- _ Short-circuit protection
- _ No-load protection
- _ Burst protection voltage 1 kV
- _ Surge protection voltage 0.5 kV (L to N)
- _ Surge protection voltage 1 kV (L/N to earth)

Typical applications

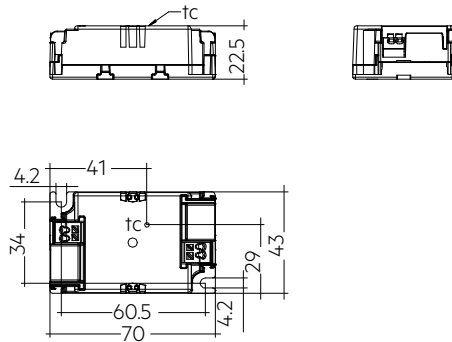
- _ For spot light and downlight in retail and hospitality applications
- _ For panel light and area light in office and education application

Website
<http://www.tridonic.ae/87500718>
**Spotlights****Downlights****Linear****Area****Floor | Wall****Free-standing****Street****Decorative****High bay**

Driver LC 15W 300/350mA fixC SC SNC2

essence series

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

**Ordering data**

Type	Article number	Packaging, carton	Packaging, low volume	Packaging, high volume	Weight per pc.
LC 15/300/50 fixC SC SNC2	87500718	50 pc(s).	1,300 pc(s).	7,800 pc(s).	0.045 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
THD (at 230 V, 50 Hz, full load)	< 110 %
Output current tolerance ^①	± 7.5 %
Typical output LF current ripple at full load	± 5 %
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 (output)	0 s
Ambient temperature t _a	-20 ... +50 °C
Ambient temperature t _a (at lifetime 50,000 h)	40 °C
Storage temperature t _s	-40 ... +80 °C
Lifetime	up to 50,000 h
Guarantee (conditions at www.tridonic.com)	5 Year(s)
Dimensions L x W x H	70 x 43 x 22.5 mm

Approval marks**Standards**

EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 61547, EN 60598-1, EN 62384

Specific technical data

Type	Output current ^①	Input current (at 230 V, 50 Hz, full load)	Max. input power	Typ. power consumption (at 230 V, 50 Hz, full load)	Output power range	λ at full load	Efficiency at full load	λ over full operating range (min.)	Efficiency at min. load ^②	Min. forward voltage	Max. forward voltage	Max. output voltage (U _{OUT})	Max. peak output current ^③	Max. casing temperature t _c
LC 15/300/50 fixC SC SNC2	300 mA	145 mA	18 W	17.7 W	8.4 – 15.0 W	0.55C	87 %	0.55C	85 %	28 V	50 V	85 V	340 mA	80 °C

^① Output current is mean value.^② Test result at 230 V, 50 Hz.^③ The trend between min. and full load is linear.