

**Driver LC 10W 250/350/500/700mA 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)
- \_ Constant current LED Driver
- \_ Output current 250, 350, 500 or 700 mA
- \_ Max. output power 10 W
- \_ For luminaires of protection class II
- \_ Temperature protection as per EN 61347-2-13 C5e
- \_ Independent LED Driver with cable clamps
- \_ Nominal life-time up to 50,000 h
- \_ 5-year guarantee

**Properties**

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

**Functions**

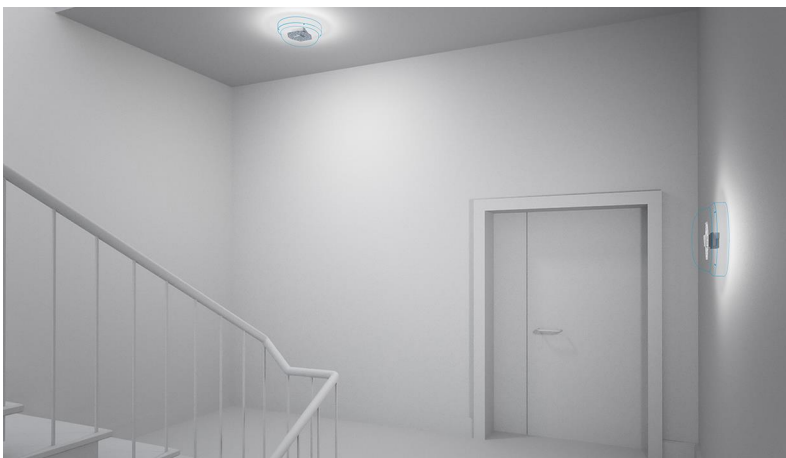
- \_ Overload protection
- \_ Short-circuit protection
- \_ No-load protection
- \_ Burst protection voltage 1 kV
- \_ Surge protection voltage 0.5 kV (L to N)
- \_ Surge protection voltage 1 kV (L/N to earth)

**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.com/87500795>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

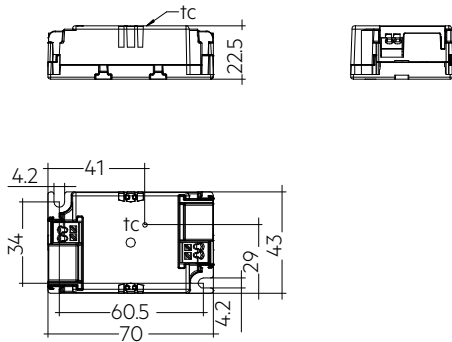


High bay

## Driver LC 10W 250/350/500/700mA fixC SC SNC2

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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, low volume	Packaging, high volume	Weight per pc.
LC 10/250/40 fixC SC SNC2	87500795	40 pc(s).	1,040 pc(s).	7,280 pc(s).	0.039 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
Leakage current (at 230 V, 50 Hz, full load)	< 450 $\mu$ A
THD (at 230 V, 50 Hz, full load)	< 150 %
Output current tolerance <sup>①</sup>	$\pm$ 7.5 %
Typical output LF current ripple at full load	$\pm$ 5 %
Starting time (at 230 V, 50 Hz, full load)	$\leq$ 0.5 s
Turn off time (at 230 V, 50 Hz, full load)	$\leq$ 0.5 s
Hold on time at power failure (output)	0 s
Ambient temperature $t_a$	-20 ... +50 °C
Ambient temperature $t_a$ (at life-time 50,000 h)	40 °C
Storage temperature $t_s$	-40 ... +80 °C
Life-time	up to 50,000 h
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 <sup>①</sup>	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	$\lambda$ at full load	Efficiency at full load <sup>②</sup>	$\lambda$ at min. load	Efficiency at min. load <sup>③</sup>	Min. forward voltage	Max. forward voltage	Max. output voltage (U-OUT)	Max. peak output current <sup>③</sup>	Max. casing temperature $t_c$
LC 10/250/40 fixC SC SNC2	250 mA	0.1 A	13 W	12.3 W	5.8 – 10.0 W	0.55C	82 %	0.5C	80 %	23 V	40.0 V	100 V	280 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.