

Driver LC 8W 180/200mA 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 180 or 200 mA
- _ Max. output power 8 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

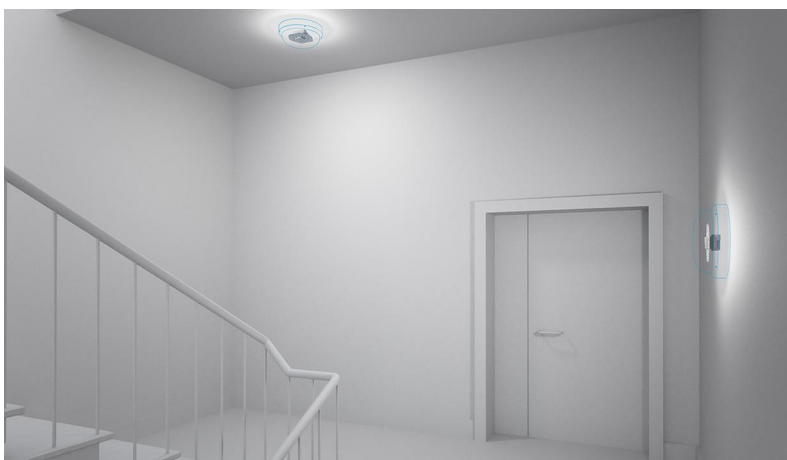
- _ Overload protection
- _ Short-circuit protection
- _ No-load protection
- _ Burst protection voltage 1 kV
- _ Surge protection voltage 0.5 kV (L to N)
- _ Surge protection voltage 1 kV (L/N to earth)

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/87500793>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

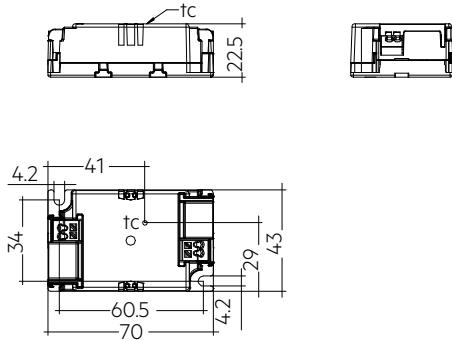


High bay

Driver LC 8W 180/200mA 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 8/180/44 fixC SC SNC2	87500793	40 pc(s).	1,040 pc(s).	7,280 pc(s).	0.038 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 μ A
THD (at 230 V, 50 Hz, full load)	< 160 %
Output current tolerance ^①	\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 ^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 ^②	λ at min. load	Efficiency at min. load ^③	Min. forward voltage	Max. forward voltage	Max. output voltage (U-OUT)	Max. peak output current ^③	Max. casing temperature t_c
LC 8/180/44 fixC SC SNC2	180 mA	0.088 A	10 W	9.5 W	5.4 – 7.9 W	0.5C	82 %	0.5C	80 %	30 V	44 V	100 V	205 mA	75 °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.