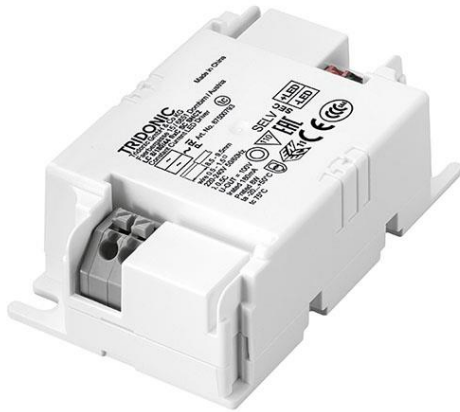


Driver LC 8W 180/200mA fixC SC SNC2

essence series

**Product description**

- _ Fixed output LED Driver
- _ Can be either used built-in or independent with clip-on strain-relief (see accessory)
- _ 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 180 or 200 mA
- _ Max. output power 8 W
- _ Nominal life-time up to 50,000 h
- _ 5-year guarantee

Housing properties

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

Functions

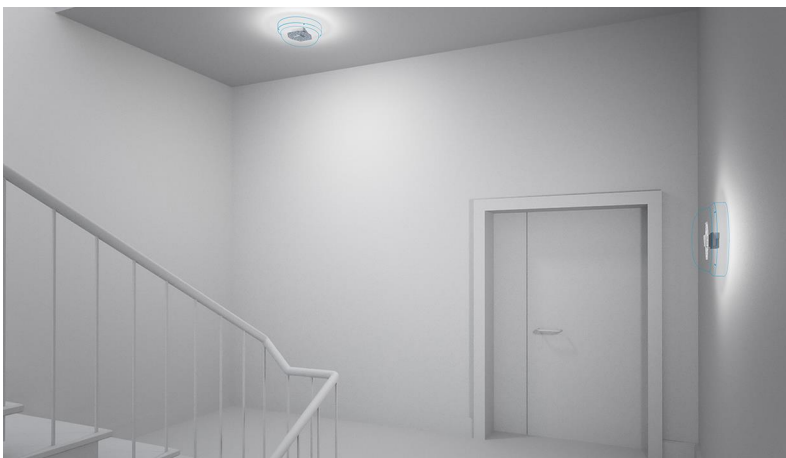
- _ Overload protection
- _ Short-circuit protection
- _ No-load protection
- _ Burst protection voltage 1 kV
- _ Surge protection voltage 0.5 kV (L to N)
- _ Surge protection voltage 1 kV (L/N to earth)

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.com/87500794>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

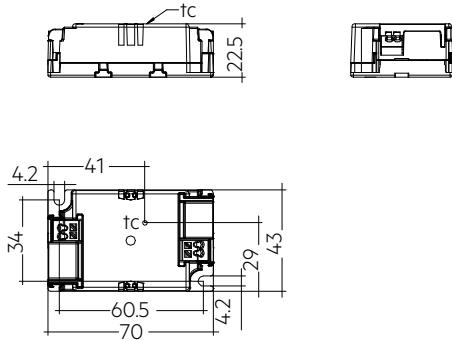


High bay

Driver LC 8W 180/200mA 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 8/200/40 fixC SC SNC2	87500794	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 8/200/40 fixC SC SNC2	200 mA	0.088 A	10 W	9.5 W	4.6 – 8.0 W	0.5C	82 %	0.5C	80 %	23 V	40 V	100 V	225 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.