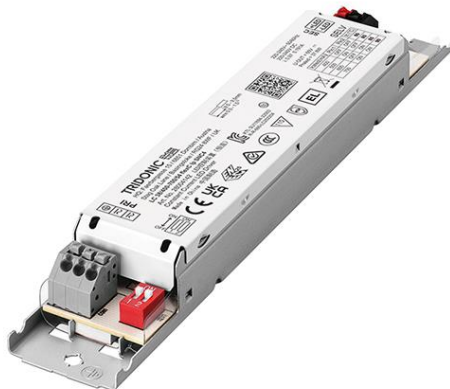


Driver LC 38W 400-700mA flexC Ip SNC4

essence series

**Product description**

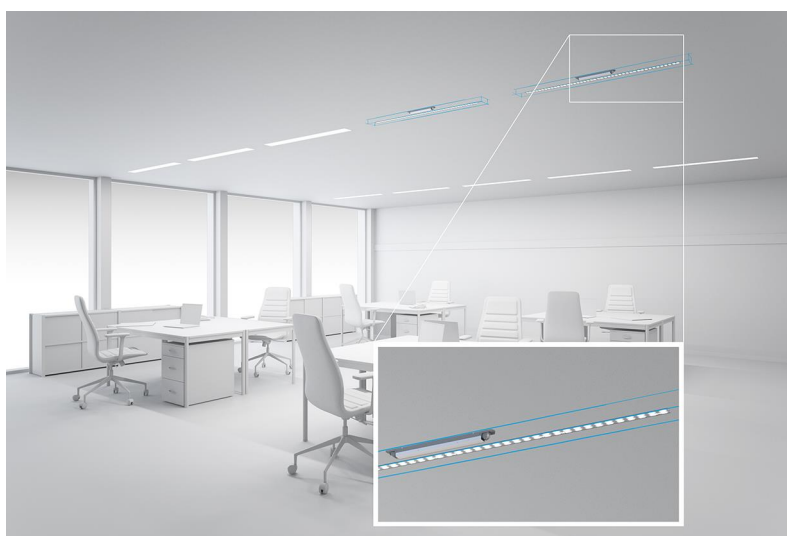
- _ Constant current LED driver for luminaire installation
- _ For luminaires of protection class I and protection class II
- _ Temperature protection as per EN 61347-2-13 C5e
- _ Selectable fixed output current 700, 600, 500 and 400 mA
- _ Max. output power 37.8 W
- _ Up to 86.5 % efficiency
- _ Nominal lifetime up to 50,000 h
- _ 5 years guarantee

Housing properties

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

Functions

- _ Overload protection
- _ Short-circuit protection
- _ No-load protection

Website
<http://www.tridonic.com/28004142>


Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



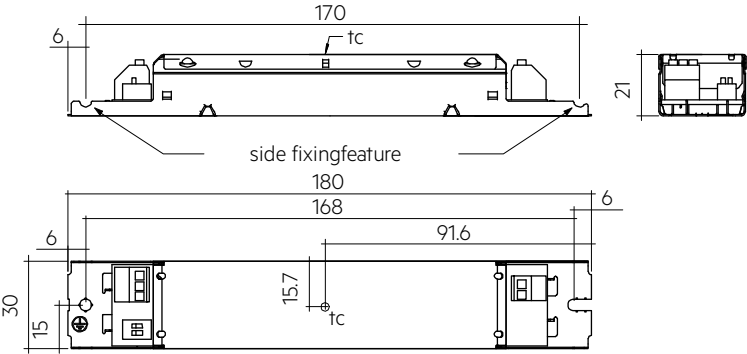
Decorative



High bay

Driver LC 38W 400-700mA flexC Ip SNC4
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 38/400-700/54 flexC Ip SNC4	28004142	50 pc(s).	5,200 pc(s).	0.128 kg

Technical data

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
DC voltage range	176 – 280 V
Max. input current (at 230 V, 50 Hz, full load) ^①	0.191 A
Leakage current (at 230 V, 50 Hz, full load)	< 450 µA
Touch current (equipotential connected) ^②	450 µA
Mains frequency	0 / 50 / 60 Hz
Overvoltage protection	320 V AC, 2 h
Max. output power	38 W
Output power range	8 – 37.8 W
Typ. efficiency (at 230 V, 50 Hz, full load) ^①	86.5 %
λ (at 230 V, 50 Hz, full load) ^①	0.97
Output current tolerance ^③	± 7.5 %
Max. output voltage (U-OUT)	60 V
THD (at 230 V, 50 Hz, full load) ^①	< 12 %
Max. peak output current at full load ^①	790 mA
Output LF current ripple (< 120 Hz) 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
Starting time (DC mode)	≤ 0.6 s
Switchover time (AC/DC)	≤ 0.6 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 (at lifetime 50,000 h)	50 °C
Storage temperature t _s	-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)	3 kV
Lifetime	up to 50,000 h
Guarantee	5 Year(s)
Dimensions L x W x H	180 x 30 x 21 mm
Hole spacing D	168 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, according to EN 50172, according to EN 60598-2-22

Specific technical data

Type	Output current ^④	Min. output voltage	Max. output voltage	Max. output power	Typ. power consumption (at 230 V, 50 Hz, full load)	Typ. current consumption (at 230 V, 50 Hz, full load)	t _c point max.	Ambient temperature t _a	I-out select
LC 38/400-700/54 flexC Ip SNC4	400 mA	20 V	54 V	21.6 W	24.5 W	114 mA	80 °C	-20 ... +60 °C	1=off / 2=off
LC 38/400-700/54 flexC Ip SNC4	500 mA	20 V	54 V	27.0 W	30.8 W	140 mA	85 °C	-20 ... +60 °C	1=on / 2=off
LC 38/400-700/54 flexC Ip SNC4	600 mA	20 V	54 V	32.4 W	37.0 W	166 mA	85 °C	-20 ... +60 °C	1=off / 2=on
LC 38/400-700/54 flexC Ip SNC4	700 mA	20 V	54 V	37.8 W	42.8 W	191 mA	90 °C	-20 ... +60 °C	1=on / 2=on

^① Test result at 700 mA.

^② Maximum of "perception and reaction" and "let go" values according to EN 60598-1.

^③ Test result at 25 °C.

^④ Output current is mean value.