

**Driver LC 75W 1400mA fixC Ip SNC2**

essence series SELV

**Product description**

- \_ Fixed output built-in LED Driver
- \_ Constant current LED Driver
- \_ For luminaires of protection class I and protection class II
- \_ Temperature protection as per EN 61347-2-13 C5e
- \_ Output current 1,400 mA
- \_ Max. output power 75.6 W
- \_ Up to 90 % efficiency
- \_ Nominal life-time up to 50,000 h
- \_ 5-year guarantee

**Housing properties**

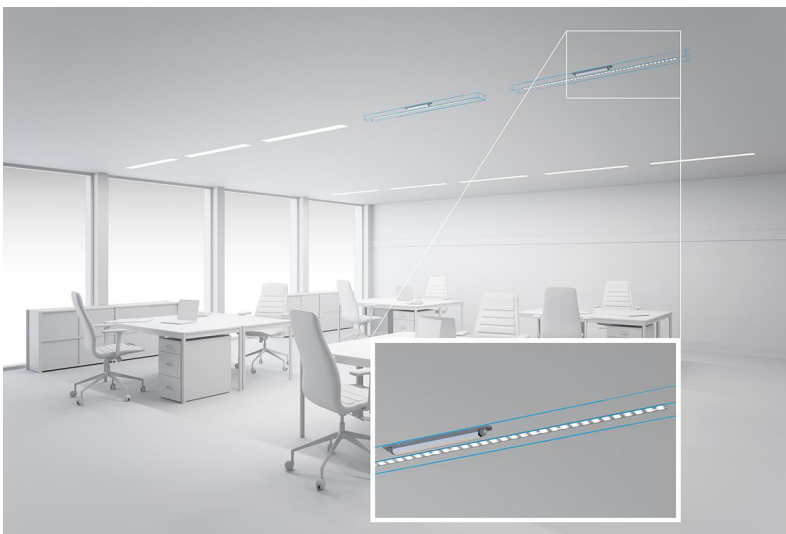
- \_ Casing: metal, white
- \_ Type of protection IP20

**Functions**

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

**Website**

<http://www.tridonic.com/87500783>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

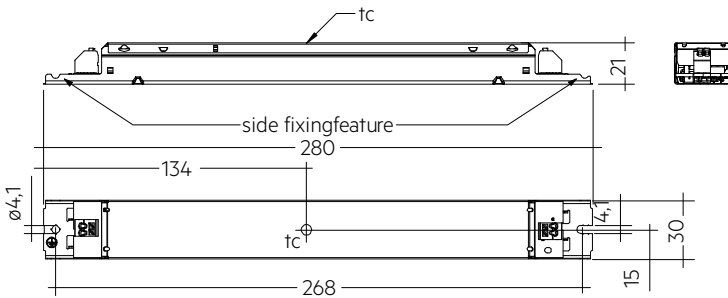


High bay

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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 75/1400/54 fixC Ip SNC2	87500783	50 pc(s).	900 pc(s).	2,700 pc(s).	0.203 kg

**Technical data**

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
Input current (at 230 V, 50 Hz, full load)	0.37 A
Mains frequency	50 / 60 Hz
Leakage current (at 230 V, 50 Hz, full load)	< 450 $\mu$ A
Output power range	28 – 75.6 W
THD (at 230 V, 50 Hz, full load)	< 20 %
Output current tolerance <sup>①</sup>	$\pm$ 7.5 %
Output LF current ripple (< 120 Hz)	$\pm$ 10 %
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)	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
Life-time	up to 50,000 h
Dimensions L x W x H	280 x 30 x 21 mm
Hole spacing D	268 mm

**Approval marks**

IP20 SELV       RoHS

**Standards**

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

## Specific technical data

Type	Output current <sup>①</sup>	Max. input power	Typ. power consumption (at 230 V, 50 Hz, full load)	$\lambda$ at full load <sup>②</sup>	Efficiency at full load <sup>③</sup>	$\lambda$ at min. load <sup>③</sup>	Efficiency at min. load <sup>③</sup>	Min. forward voltage <sup>③</sup>	Max. forward voltage <sup>②</sup>	Max. output voltage (U-OUT)	Max. peak output current at full load <sup>③</sup>	Max. casing temperature $t_c$
LC 75/1400/54 fixC Ip SNC2	1,400 mA	84 W	83 W	0.95	90 %	0.9C	85 %	20 V	54 V	60 V	1,656 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.