

**Driver LC 19W 250-350mA flexC Ip ADV**

advanced series

**Product description**

- \_ LED 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
- \_ Output current adjustable between 250 – 350 mA
- \_ Max. output power 19 W
- \_ Up to 84 % efficiency
- \_ Nominal lifetime up to 100,000 h
- \_ 5 years guarantee

**Housing properties**

- \_ Low profile metal casing with white cover
- \_ Type of protection IP20

**Interfaces**

- \_ Terminal blocks: 45° push terminals

**Functions**

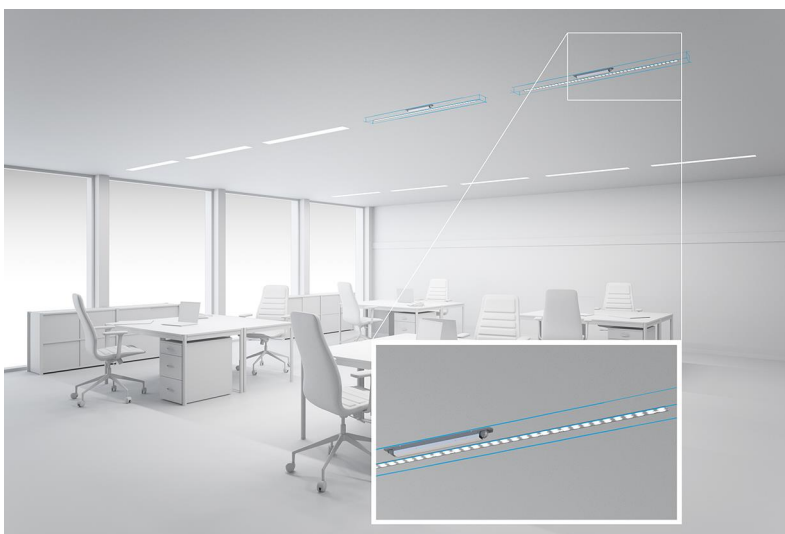
- \_ Overload protection
- \_ Short-circuit protection
- \_ No-load protection
- \_ Overtemperature protection
- \_ Burst protection voltage 1 kV
- \_ Surge protection voltage 1 kV (L to N)
- \_ Surge protection voltage 2 kV (L/N to earth)

**Typical applications**

- \_ For linear/area lighting in office applications

**Website**

<http://www.tridonic.com/28002472>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

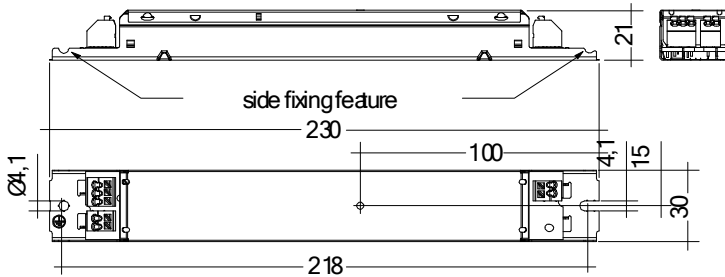


High bay

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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, pallet	Weight per pc.
LC 19W 250-350mA flexC Ip ADV	28002472	50 pc(s).	1,050 pc(s).	0.133 kg

**Technical data**

Rated supply voltage	220 – 240 V
AC voltage range	198 – 264 V
Max. input current (at 230 V, 50 Hz, full load)	0.12 A
Leakage current (at 230 V, 50 Hz, full load)	< 700 µA
Mains frequency	50 / 60 Hz
Overvoltage protection	320 V AC, 1 h
Max. input power	23.5 W
Typ. power consumption (at 230 V, 50 Hz, full load) <sup>①</sup>	23 W
Min. output power	6.3 W
Max. output power	19 W
Typ. efficiency (at 230 V, 50 Hz, full load) <sup>①</sup>	84 %
λ (at 230 V, 50 Hz, full load) <sup>①</sup>	0.9C
Output current tolerance <sup>②③</sup>	± 7.5 %
Max. output current peak <sup>④</sup>	≤ output current + 20 %
Max. output voltage (U-OUT)	60 V
THD (at 230 V, 50 Hz, full load)	< 15 %
Typ. current ripple (at 230 V, 50 Hz, full load)	± 7.5 %
Starting time (at 230 V, 50 Hz, full load)	≤ 0.5 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 <i>t</i> <sub>a</sub> (at lifetime 100,000 h)	40 °C
Storage temperature <i>t</i> <sub>s</sub>	-40 ... +80 °C
Lifetime	up to 100,000 h
Guarantee	5 Year(s)
Dimensions L x W x H	230 x 30 x 21 mm
Hole spacing D	218 mm

**Approval marks****Standards**

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

## Specific technical data

Type	Output current <sup>①</sup>	Min. forward voltage	Max. forward voltage	Max. output power	Typ. power consumption (at 230 V, 50 Hz, full load)	Typ. current consumption (at 230 V, 50 Hz, full load)	tc point max.	Ambient temperature ta	Iout select	Resistor <sup>⑤</sup>
LC 19W 250-350mA flexC Ip ADV	250 mA	25 V	54 V	13.5 W	16.5 W	79 mA	65 °C	-20 ... +50 °C	0-1	ADV Type A
LC 19W 250-350mA flexC Ip ADV	275 mA	25 V	54 V	14.9 W	18.5 W	87 mA	65 °C	-20 ... +50 °C	0-1	ADV Type D
LC 19W 250-350mA flexC Ip ADV	300 mA	25 V	54 V	16.2 W	20.0 W	92 mA	65 °C	-20 ... +50 °C	0-2	ADV Type A
LC 19W 250-350mA flexC Ip ADV	325 mA	25 V	54 V	17.6 W	21.5 W	99 mA	65 °C	-20 ... +50 °C	0-2	ADV Type D
LC 19W 250-350mA flexC Ip ADV	350 mA	25 V	54 V	19.0 W	23.0 W	105 mA	65 °C	-20 ... +50 °C	-	-

① Test result at 350 mA.

② Output current is mean value.

③ Test result at default output current.

④ Test result at 25 °C.

⑤ Type A is a short circuit plug (0 Ω).