

**Driver LC 112W 250-350mA flexC Ip ADV**

advanced series non-SELV

**Product description**

- \_ LED Constant current LED Driver for luminaire installation
- \_ Output current adjustable between 250 – 350 mA
- \_ Max. output power 112 W
- \_ Up to 94 % efficiency
- \_ Nominal life-time up to 100,000 h
- \_ For luminaires of protection class I and protection class II
- \_ Temperature protection as per EN 61347-2-13 C5e
- \_ 5-year guarantee

**Housing properties**

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

**Interfaces**

- \_ Terminal blocks: 45° push terminals

**Functions**

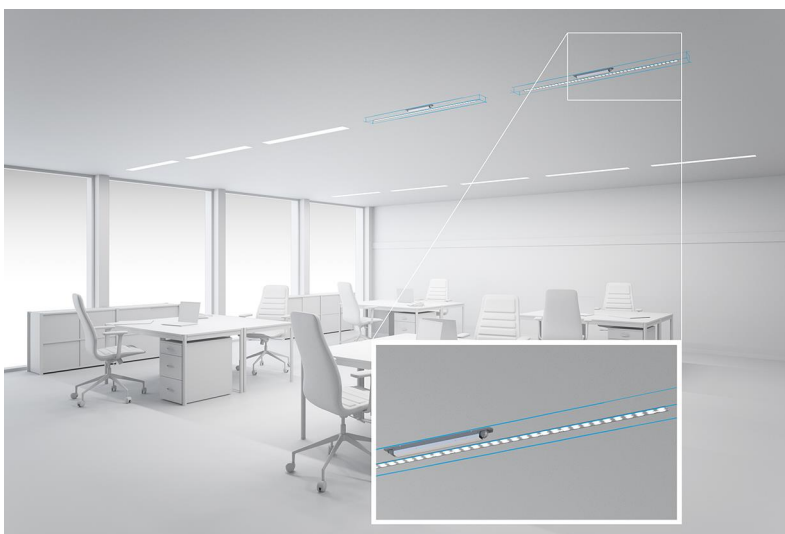
- \_ Overtemperature protection
- \_ Overload protection
- \_ Short-circuit protection
- \_ No-load protection
- \_ Burst protection voltage 1 kV
- \_ Surge protection voltage 1 kV (L to N)
- \_ Surge protection voltage 2 kV (L/N to earth)

**Typical applications**

- \_ For linear/area lighting in office applications

**Website**

<http://www.tridonic.com/28002469>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

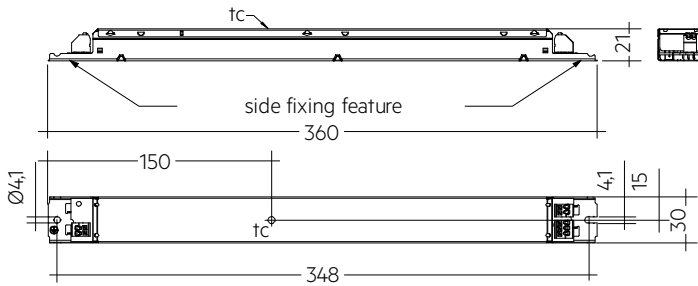


High bay

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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 112W 250-350mA flexC Ip ADV	28002469	50 pc(s).	650 pc(s).	0.221 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)	0.57 A
Leakage current (at 230 V, 50 Hz, full load)	< 450 µA
Mains frequency	50 / 60 Hz
Overvoltage protection	320 V AC, 48 h
Max. input power	121 W
Typ. power consumption (at 230 V, 50 Hz, full load)	119 W
Min. output power	35 W
Max. output power	112 W
Typ. efficiency (at 230 V, 50 Hz, full load) <sup>①</sup>	94 %
λ (at 230 V, 50 Hz, full load) <sup>①</sup>	0.95C
Output current tolerance <sup>②</sup>	± 7.5 %
Max. output current peak <sup>③</sup>	≤ output current + 10 %
Max. output voltage (U-OUT)	330 V
THD (at 230 V, 50 Hz, full load)	< 20 %
Output LF current ripple (< 120 Hz)	± 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 t <sub>a</sub> (at life-time 100,000 h)	40 °C
Storage temperature t <sub>s</sub>	-40 ... +80 °C
Life-time	up to 100,000 h
Dimensions L x W x H	360 x 30 x 21 mm
Hole spacing D	348 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

## 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>④</sup>
LC 112W 250-350mA flexC Ip ADV	250 mA	143 V	320 V	80 W	85.0 W	380 mA	75 °C	-20 ... +50 °C	0-2	ADV Type A
LC 112W 250-350mA flexC Ip ADV	275 mA	143 V	320 V	88 W	93.5 W	420 mA	75 °C	-20 ... +50 °C	0-2	ADV Type B
LC 112W 250-350mA flexC Ip ADV	300 mA	143 V	320 V	96 W	103.0 W	470 mA	75 °C	-20 ... +50 °C	0-1	ADV Type A
LC 112W 250-350mA flexC Ip ADV	325 mA	143 V	320 V	104 W	111.0 W	500 mA	75 °C	-20 ... +50 °C	0-2	ADV Type C
LC 112W 250-350mA flexC Ip ADV	350 mA	143 V	320 V	112 W	119.0 W	540 mA	75 °C	-20 ... +50 °C	-	-

① Test result at 350 mA.

② Output current is mean value.

③ Test result at 25 °C.

④ Type A is a short circuit plug (0 Ω).