

Driver LC 69W 350-500mA flexC Ip ADV

advanced series non-SELV

**Product description**

- _ LED Constant current LED Driver for luminaire installation
- _ New version DC operating with EL marking
- _ For luminaires of protection class I and protection class II
- _ Temperature protection as per EN 61347-2-13 C5e
- _ Output current adjustable between 350 – 500 mA
- _ Max. output power 69 W
- _ Up to 91 % efficiency
- _ Nominal life-time up to 100,000 h
- _ 5-year guarantee

Housing properties

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

Interfaces

- _ Terminal blocks: 45° push terminals

Functions

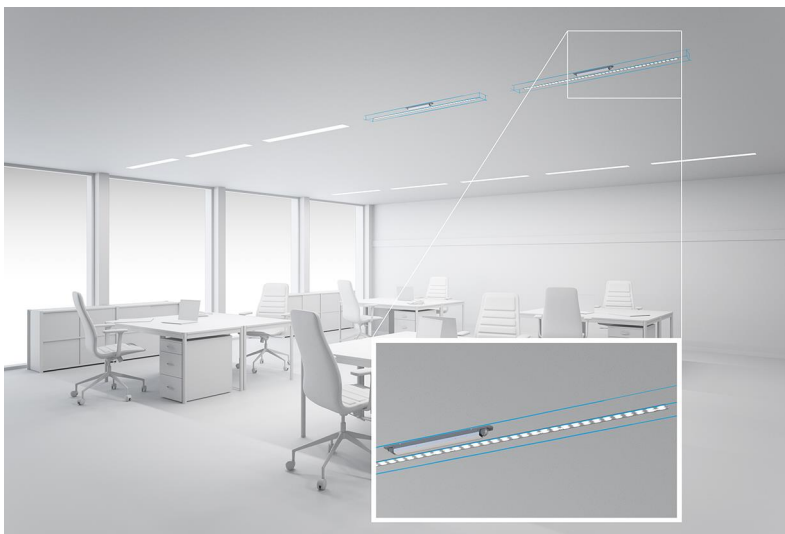
- _ Overload protection
- _ Short-circuit protection
- _ No-load protection
- _ Burst protection voltage 1 kV
- _ Surge protection voltage 1 kV (L to N)
- _ Surge protection voltage 2 kV (L/N to earth)

Typical applications

- _ For linear/area lighting in office applications

Website

<http://www.tridonic.com/28002464>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

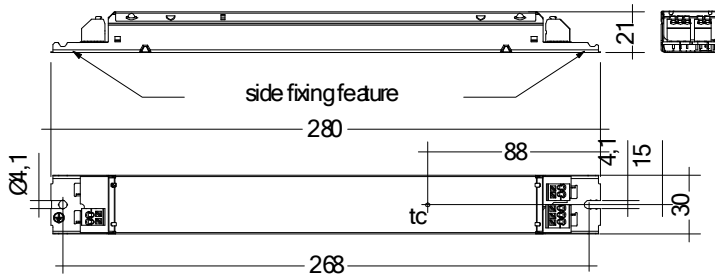


High bay

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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 69W 350-500mA flexC Ip ADV	28002464	50 pc(s).	900 pc(s).	0.18 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)	0.36 A
Typ. input current (at 230 V, 0 Hz, full load)	0.36 A
Leakage current (at 230 V, 50 Hz, full load)	< 450 µA
Mains frequency	0 / 50 / 60 Hz
Overvoltage protection	320 V AC, 48 h
Max. input power	76.5 W
Typ. power consumption (at 230 V, 50 Hz, full load)	76.2 W
Min. output power	21 W
Max. output power	69 W
Typ. efficiency (at 230 V, 50 Hz, full load) ^①	91 %
λ (at 230 V, 50 Hz, full load) ^①	0.95
Output current tolerance ^②	± 7.5 %
Max. output current peak ^③	≤ output current + 10 %
Max. output voltage (U-OUT)	250 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
Starting time (DC mode)	< 1 s
Switchover time (AC/DC) ^④	< 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 ta (at life-time 100,000 h)	40 °C
Storage temperature ts	-40 ... +80 °C
Life-time	up to 100,000 h
Dimensions L x W x H	280 x 30 x 21 mm
Hole spacing D	268 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 ^②	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 ^⑤
LC 69W 350-500mA flexC Ip ADV	350 mA	60 V	142 V	49.7 W	52.6 W	240 mA	75 °C	-20 ... +50 °C	0-2	ADV Type A
LC 69W 350-500mA flexC Ip ADV	375 mA	60 V	142 V	53.3 W	55.3 W	250 mA	75 °C	-20 ... +50 °C	0-2	ADV Type B
LC 69W 350-500mA flexC Ip ADV	400 mA	60 V	142 V	56.8 W	60.3 W	270 mA	75 °C	-20 ... +50 °C	0-1	ADV Type A
LC 69W 350-500mA flexC Ip ADV	450 mA	60 V	138 V	62.1 W	67.4 W	300 mA	75 °C	-20 ... +50 °C	0-2	ADV Type C
LC 69W 350-500mA flexC Ip ADV	500 mA	60 V	138 V	69.0 W	76.2 W	340 mA	75 °C	-20 ... +50 °C	-	-

① Test result at 500 mA.

② Output current is mean value.

③ Test result at 25 °C.

④ Valid for immediate change of power supply type otherwise the starting time is valid.

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