

TALEXdriver LCU 100/96W 12/24V IP67 EXC

EXCITE outdoor IP67 series

The TALEXdriver LCU for constant voltage and with IP67 protection rating features a compact construction and a robust metal housing. In combination with a multivoltage input of 90 - 305 V AC and a temperature range of -40 to +70 °C, the TALEXdriver LCU is the optimum partner for outdoor applications around the world.

**Product description**

- _ Constant voltage LED Driver
- _ Universal input voltage range
- _ Constant output voltage
- _ Connection: cable with end sleeves (length approx. 500 mm)
- _ Polarity identifiers, secondary + red / - black
- _ Metal casing, encapsulated
- _ Nominal life-time up to 50,000 h (at ta 50 °C with a failure rate ≤ 0.2 % per 1,000 h)
- _ 5-year guarantee
- _ Suitable for emergency escape lighting systems acc. to EN 50172
- _ Complies with CLASS C from minimum to maximum load range according to EN 61000-3-2

Properties

- _ Small design
- _ High efficiency
- _ Low power loss
- _ Overtemperature protection with automatic restart
- _ Overload protection
- _ Short-circuit shutdown feature with automatic restart
- _ SELV
- _ Type of protection IP67
- _ Metal casing

Website

<http://www.tridonic.com/28000513>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

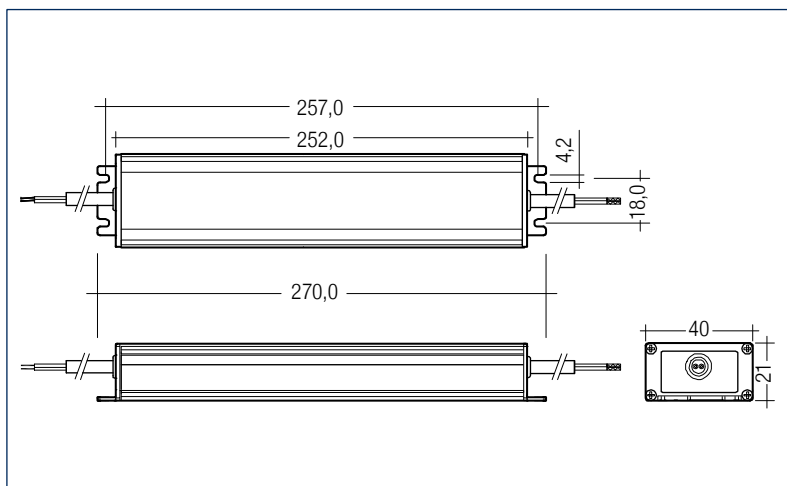


High bay

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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.
LCU 96W 24V IP67 TOP	28000513	10 pc(s).	360 pc(s).	0.51 kg

Technical data

Rated supply voltage	120 – 277 V
Input voltage AC	108 – 305 V
Input voltage DC	176 – 288 V
Rated current 12 V (at 230 V, 50 Hz, full load)	0.51 A
Rated current 24 V (at 230 V, 50 Hz, full load)	0.49 A
Mains frequency	0 / 50 / 60 Hz
Efficiency (at 230 V, 50 Hz, full load)	> 90 %
λ (at 230 V, 50 Hz, full load)	0.95
Output voltage tolerance 12 V	-0 / +10 %
Output voltage tolerance 24 V	-0 / +5 %
Output power 12 V ($t_a \leq 60^\circ\text{C}$)	100 W
Output power 24 V ($t_a \leq 60^\circ\text{C}$)	96 W
Output power 12 V ($t_a > 60^\circ\text{C}$)	80 W
Output power 24 V ($t_a > 60^\circ\text{C}$)	76 W
Output power range 12 V	10 – 100 W
Output power range 24 V	10 – 96 W
Turn on time (output)	≤ 0.5 s
Turn off time (output)	≤ 1 s
Hold on time at power failure (output)	10 ms
Ambient temperature t_a	-40 ... +70 °C
Ambient temperature t_a (at life-time 50,000 h)	-40 ... +50 °C
Storage temperature t_s	-40 ... +85 °C
Dimensions L x W x H for 12 V	270 x 40 x 23 mm
Dimensions L x W x H for 24 V	270 x 40 x 21 mm
Hole spacing D	257 mm

Approval marksIP67 SELV             RoHS**Standards**

EN 55015, EN 60598-1, EN 60598-2-22, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 61547, EN 62384, EN 62493, EN 50172

Specific technical data

Type	Max. casing temperature t _c	Output voltage	Max. input power	Output current range	Max. output voltage ^①
LCU 96W 24V IP67 TOP	95 °C	24 V	117 W	0.40 – 4.00 A	25.2 V

① At failure mode (230 V, 50 Hz).