

**Driver LC 100/24V Ip ADV UNV**

Constant voltage advanced series (US applications)

**Product description**

- \_ Constant voltage LED driver
- \_ Universal input voltage range
- \_ Max. output power 96 W
- \_ Efficiency > 87 %
- \_ Class 2
- \_ FCC Part 15
- \_ UL Listed Class P
- \_ Only for US applications
- \_ Nominal lifetime up to 50,000 h (at ta 40 °C)
- \_ 5 years guarantee (conditions at [www.tridonic.com](http://www.tridonic.com))

**Housing properties**

- \_ Casing: metal, black
- \_ Potted style
- \_ Dry and damp location

**Properties**

- \_ Protective features (overtemperature, short-circuit, overload, no-load)
- \_ Linear and rugged form factor

**Website**

<http://www.tridonic.us/28002133>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

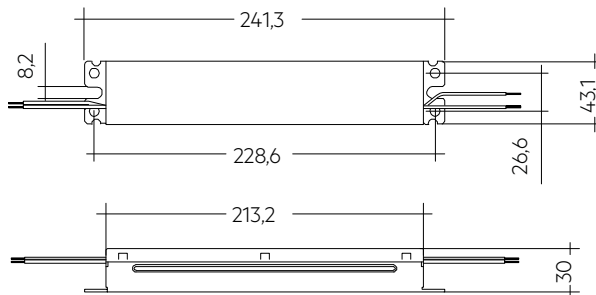


High bay

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The complete data sheet for this product is available in the Downloads section.



Dimensions in mm

**Ordering data**

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pc.
LC 100/24V Ip ADV UNV	28002133	10 pc(s).	1,280 pc(s).	0.634 kg
LC 100/24V Ip ADV UNV	28002133	10 pc(s).	1,280 pc(s).	0.634 kg

**Technical data**

Rated supply voltage	120 – 277 V
AC voltage range	108 – 305 V
Rated current (at 120 V, 60 Hz, full load)	0.92 A
Rated current (at 277 V, 60 Hz, full load)	0.41 A
Leakage current (at 120 V, 60 Hz, full load)	< 500 $\mu$ A
Leakage current (at 230 V, 50 Hz, full load)	< 500 $\mu$ A
Mains frequency	50 / 60 Hz
Efficiency (at 120 V 60 Hz, full load)	> 87 %
Efficiency (at 277 V 60 Hz, full load)	> 88 %
$\lambda$ (at 120 V, 60 Hz, full load)	0.97
$\lambda$ (at 277 V, 60 Hz, full load)	0.92C
Output voltage tolerance	22.8 – 24 V
Max. output power	96 W
Output power range	62 – 96 W
Output LF voltage ripple (< 120 Hz)	1.6 %
Starting time (output)	$\leq$ 1 s
Turn off time (output)	$\leq$ 0.1 s
Hold on time at power failure (output)	0 s
Mains burst capability (between L - N)	2 kV
Mains surge capability (between L - N)	4 kV
Ambient temperature $t_a$	-40 ... +55 °C
Ambient temperature $t_a$ (at lifetime 50,000 h)	40 °C
Storage temperature $t_s$	-40 ... +85 °C
Lifetime	up to 50,000 h
Guarantee	5 Year(s)
Dimensions L x W x H	241.3 x 43.1 x 30 mm
Hole spacing D	228.6 mm

**Approval marks**

**Standards**

UL 8750, FCC PART 15

**Specific technical data**

Type	Max. casing temperature etc	Output voltage	Max. input power	Output current range	Max. output voltage (U <sub>OUT</sub> )
LC 100/24V Ip ADV UNV	85 °C	24 V	109 W	2,580 – 4,000 mA	24 V
LC 100/24V Ip ADV UNV	85 °C	24 V	109 W	2,580 – 4,000 mA	24 V

① At failure mode.