

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)

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

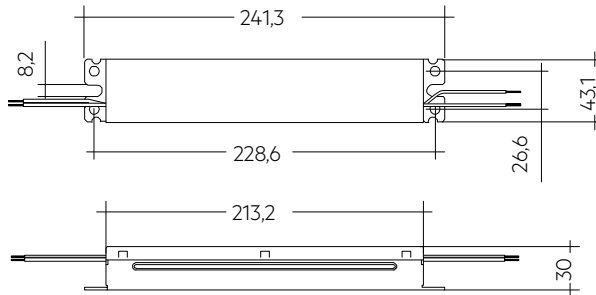


High bay

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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

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 μ A
Leakage current (at 230 V, 50 Hz, full load)	< 500 μ A
Mains frequency	50 / 60 Hz
Efficiency (at 120 V 60 Hz, full load)	> 87 %
Efficiency (at 277 V 60 Hz, full load)	> 88 %
λ (at 120 V, 60 Hz, full load)	0.97
λ (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 t_c	Output voltage	Max. input power	Output current range	Max. output voltage (U _{OUT})
LC 100/24V Ip ADV UNV	85 °C	24 V	109 W	2,580 – 4,000 mA	24 V

① At failure mode.