TRIDONIC

Driver LC 60W 24V lp SNC UNV

Constant voltage essence series





Product description
_ Constant voltage LED driver
_ Universal input voltage range
_ Class 2
_ Type HL
_ UL Listed Class P
_ FCC Part 15
_ Max. output power 60 W
_ Nominal lifetime up to 50,000 h (at ta 113 °F)
_ 5 years guarantee (conditions at https://www.tridonic.com/manufacturer-guarantee-conditions)

Housing properties
_ Casing: metal, white
_ Dry and damp location

Functions
_ Overtemperature protection
_ Overload protection
_ Short-circuit protection
_ No-load protection

Website
http://www.tridonic.us/28002853



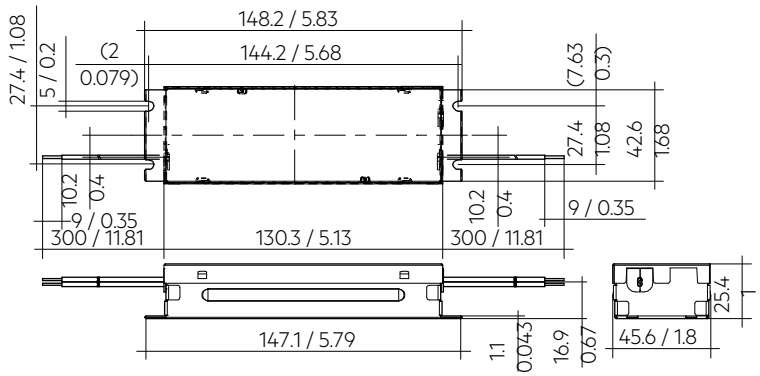
Spotlights | Downlights | Linear | Area | Floor | Wall | Free-standing | Street | Decorative

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



Dimensions in mm / inch

Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pc.
LC 60/24V lp SNC UNV	**28002853**	20 pc(s).	1,440 pc(s).	0.74 lbs

Technical data

Rated supply voltage	120 – 277 V
AC voltage range	108 – 305 V
Rated current (at 120 V, 60 Hz, full load)	0.58 A
Rated current (at 277 V, 60 Hz, full load)	0.25 A
Leakage current (at 120 V, 60 Hz, full load)	< 300 µA
Leakage current (at 230 V, 50 Hz, full load)	< 300 µA
Mains frequency	50 / 60 Hz
Efficiency (at 120 V 60 Hz, full load)	> 88 %
Efficiency (at 277 V 60 Hz, full load)	> 90.5 %
λ (at 120 V, 60 Hz, full load)	0.99
λ (at 277 V, 60 Hz, full load)	0.96
Output voltage tolerance	22.8 – 25.2 V
Max. output power	60 W
Output power range	36 – 60 W
Output LF voltage ripple (< 120 Hz)	< 2.1 %
Output P_ST_LM (at full load)	≤ 1
Output SVM (at full load)	≤ 0.4
Starting time (output)	≤ 500 ms
Turn off time (output)	≤ 10 ms
Hold on time at power failure (output)	≤ 1 ms
Mains burst capability (between L - N)	1 kV
Mains surge capability (between L - N)	2 kV
Mains surge capability (between L/N - PE)	4 kV
Surge voltage at output side (against PE)	< 500 V
Ambient temperature ta	-13 … +131 °F
Ambient temperature ta (at lifetime 50,000 h)	113 °F
Storage temperature ts	-40 … +185 °F
Lifetime	up to 50,000 h
Guarantee (conditions at www.tridonic.com)	5 Year(s)
Dimensions L x W x H	5.83 x 1.8 x 1 inch
Hole spacing D	0.18 inch

Approval marks

c UL us LISTED

Standards

UL 8750, FCC PART 15

Specific technical data

Type	Max. casing temperature tc	Output voltage	Max. input power (at 120 V, 60 Hz, full load)	Output current range	Max. output voltage (U-OUT)①
LC 60/24V lp SNC UNV	185 °F	24 V	75 W	0 – 2.5 A	25.2 V

① At failure mode.