



POWER-LITE®

Certainty at The Speed of Light



LED

DRIVER

LP36W-D-DIM

LED Driver for our POWER-LITE® 36W BLP LED Panels.



APPLICATIONS

Commercial

Industrial | Retail



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Output	output power	38W
	constant voltage	19-38V
	constant current	1000mA
	current precision	±1%
	ripple	400mVp-p
	start-up time	<500mS
Input	voltage range	200-250
	frequency range	47-63Hz
	PF	PF>0.9
Protection	open load protection	voltage limit model, the output voltage is the Max voltage.
	short circuit protection	belching model, after take out the unusual thing it can be start again
	over load current	dual constant current, will over load current
	over load voltage	43V
Environment	temperature	-20~ +65℃
	humidity	20-95%RH
	stock temperature	-40~ 85℃
	coefficient of temperature	±0.03%/℃(0-50℃)
Safety	safety specification	EN 61347-2-13:2006 /EN 61347-1:2008
	rating of pressure	I/P-O/P:3.75KVAC
	insulation	I/P-O/P:100M Ohms / 500VDC /25℃/70%RH
	EMI	EN55015
	harmonic current	EN6000-3-2/EN6000-3-3
	electromagnetic tolerate	EN6000-4-2
Other	size	(L*W*H) 134*44*28mm
	package	white box : 132*45*30mm master carton: 322*276*251mm

NOTES:

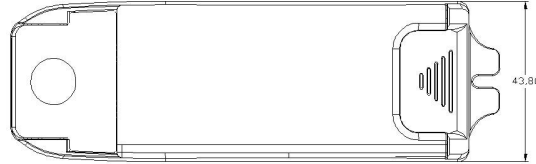
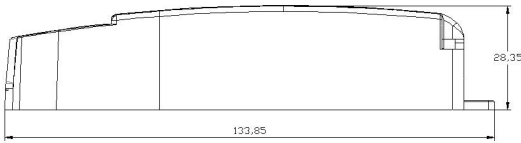
1. All the parameters are tested on AC220V, rated load, temperature 25℃
2. When the input voltage is lower than 220VAC, the current will lower, it is also the dimming feature
3. The driver is regarded as one part of the terminal products, so the EMC of the products need to be tested again



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DIMENSIONS (mm)



INSTRUCTIONS

There is a purple cover in the input side, with a self-locking terminal, use a flathead screw to take up the cover slowly, then connect the FireWire to the L terminal, and the zero line to the N terminal. According to the mark to connect the output side, please note the Positive and Negative electrode.

Dimmer is one wire type, only connect to the driver FireWire L terminal to achieve dimming.

Note:

1. Please note the input and output, confirm the wires are right then electrify.
2. First put on the DC output terminal, confirm it is right then electrify; if it is open load please cut down the power, wait for the electrical release, then put on the LED, if not it will burn out the LED.

TROUBLESHOOTING

1. After installing the driver to the light and electrify, if there is no light output, please cut down the AC input and check:
 - a) If the DC output connect ok or not ;
 - b) If the DC output positive and negative electrode connect opposite, if the LED board welded opposite;
 - c) If the AC input connect ok or not.
2. After installing the driver to the light and electrify, LED light, but the LED lights flicker, cut down the DC input, check the DC output side:
 - a) If the lighting overload, light load;
 - b) If the driver parameters and the actual parameters do not match.

PRODUCT

LED DRIVER

CODE

LP36W-D-DIM