

E-Dimming LED Driver

Design and Quality EASEIC of USA

LED108A
E-DIMMING DALI DRIVER

SPEC SHEET



100W 12V 0-8A DALI Dim
LED108A
69310001



RoHS

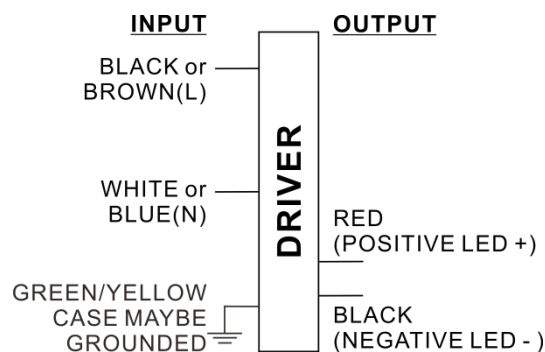
Features

- -Output constant voltage
- -Range 100-265VAC
- -Built-in active PFC function
- -Efficiency 87%
- -Protections: short circuit/over load/ over current/over temperature
- -Cooling by free air convection
- -IP66 design for indoor or outdoor installation .
- -Dimming function: Built in DALI interface dimming function
- conform to DALI Protocol IEC62386
- -Dimming range from 0.1% to 100%
- -Suitable for intelligent LED lighting
- -Compliance to worldwide safety regulations for lighting
- -Suitable for dry/damp/wet locations

Benefits

- Enables design of low profile and compact fixtures
- Helps to maximize energy savings and allows application specific light levels

Wire Diagram



Note:

Install in accordance with National and Local Electrical Codes.

Please pay special attention to wiring installation guidelines, Wrong wiring will cause damage to the LED driver.

Before connection the power, make sure you have access to the LED load.

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Electrical Specifications

Ordering Information

Type	LED108A
Order Code	69310001
Full product name	E-Dimming 100W 12V 0-8A DALI Dim

Input Information

Line Voltage	100-264Vac_rms		
Full load Efficiency(Typ)	87%	89%	90%
Line Current	0.56A@220VAC	0.55A@230VAC	0.54A@240VAC
Line Frequency	47/63Hz		
Min, Mains Voltage operational	90[min]		
Max, Mains Voltage operational	277[max]		
THD(total)	<20%		
Power Factor(PF)	>0.99/220V		
Leakage Current(Typ.)	<0.7mA/230VAC		

Output Information

Output Constant Voltage	12V
Output Current	0-8A
Protections	Over Current, Over Voltage, Short Circuit and Open Circuit Protection for LED+ and LED-
Ambient Temp Range	-20℃ to +60℃, 20-95% RH non-condensing
Max Case Temperature(Tc)	75℃ for Life & 85℃ for TUV Safety

Features

Dimming Interface	DALI(IEC62386) Sink Current<2mA
Dimming range	0.1-100%

Environment & Approbation

Environmental Protection Rating	TUV damp and dry
Agency Approbations	ENEC EN61347-1,EN61347-2-13 independent, EN62384, TUV EN60950-1
Electromagnetic Compliance	Compliance to EN55015,EN61000-3-2 Class C(@100% Load);EN6100-3-3 Compliance to EN61000-4-2,3,4,5,6,8,11;EN61547,EN55024, light industry level(surge 2KV), criteria A

Other Information

Dimension	230x70x47mm
Weight	1.3KG
Packing	329*279*176mm/10pcs/CTN 265*98*55 mm for inner box

All the specifications are typical and at 25 °C Tcase unless specified otherwi

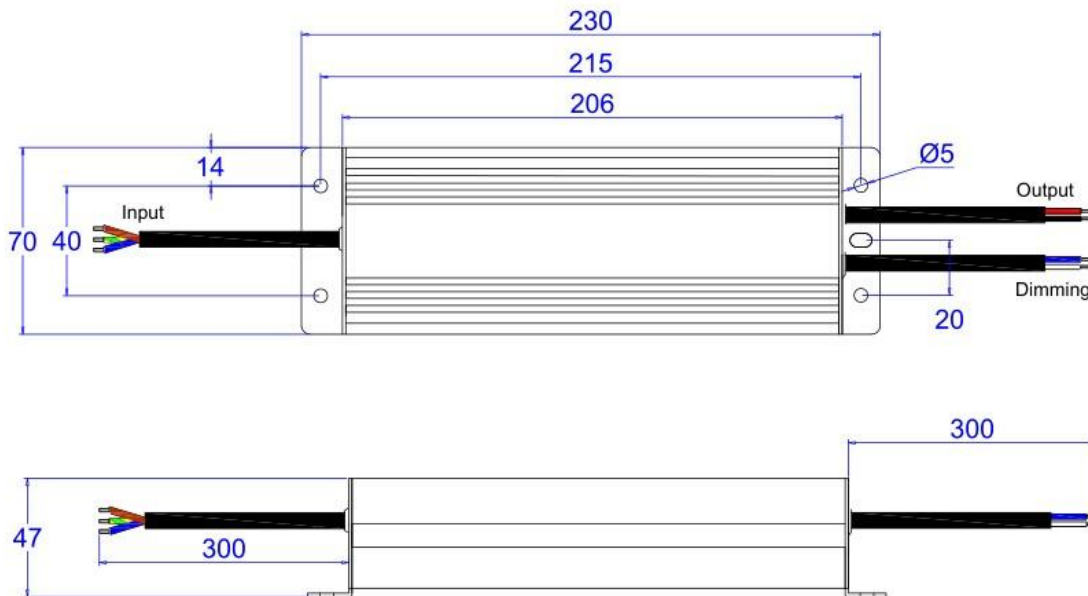
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Mechanical Specifications

Mechanical Drawing:



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