

E-Dimming

LED Driver

Design and Quality EASEIC of USA

LEA115A

E-DIMMING 0/1-10V DRIVER

SPEC SHEET



200W 12V 0-15A 0/1-10V Dim

LEA115A

69520001

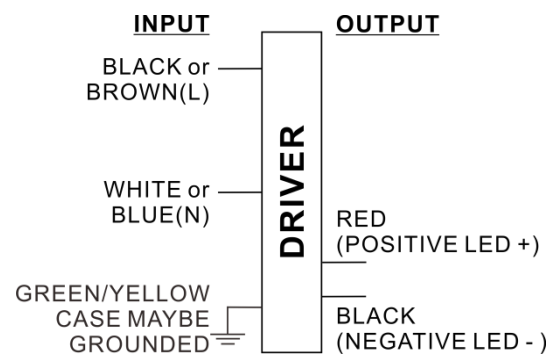


RoHS

Features

- Universal AC input: 100-265VAC
- 3 dimming in 1: 0/1-10V , PWM signal or resistance.
- Dimming range: 0-100%
- Protections: Short Circuit ,Over current ,Over loading
- Compact form factor, Fully isolated plastic case
- Class 2 power unit
- Cooling by free air convection
- high reliability, low cost
- Suitable for dry, damp, and wet location
- 5 year warranty

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.

Benefits

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

LEA115A

E-DIMMING 0/1-10V DRIVER SPEC SHEET

Electrical Specifications

Ordering Information	
Type	LEA115A
Order Code	69520001
Full product name	E-Dimming 200W 12V 0-15A 0/1-10V Dim
Input Information	
Line Voltage	100-265Vac_rms
Line Current	2.4A@115VAC 1.6A@230VAC
Line Frequency	47-63Hz
Min, Mains Voltage operational	100[min]
Max, Mains Voltage operational	265[max]
THD(total)	<25%
Power Factor(PF)	≥90% at full load
Efficiency (Typ.@265VAC)	≥88% at full load
Inrush Current(Typ.)	Cold Start with full load ≤ 65A at 230VAC
Leakage Current(Typ.)	<0.75mA/265VAC
Output Information	
Output Constant Voltage	12V
Output Current	0-15A
Rated Power	Up to 202.2W
Load Regulation	±5%
Protections	Over Current ≤1.2* Iout, Over Voltage≤120% Short Circuit and Open Circuit Protection for LED+ and LED- Hiccup mode,, recovers automatically after fault condition is removed
Ambient Temp Range	-40°C to +80°C, 20-95% RH non-condensing
Max Case Temperature(Tc)	75°C for Life & 85°C for TUV Safety
Features	
Dimming Interface	Standard DC 0/1-10V control interface, Sink or Source <1 Ma , PWM Dimming control, Resistance value Wide dimming range from 0% up to 100% Dimming over entire input voltage range
Approved Dimmer List(Manufacturer)	Compatible with industry standard 0/1-10V dimmers
Dimming range	0-100%
Weight(KG) and Size(MM)	1.6KG /256*78*47MM (L *W*H)
Environment & Approbation	
Environmental Protection Rating	UL damp and dry
Agency Approbations	UL8750, UL1310,UL1012,UL879,UL60950-1,CSA C22.2 No. 250.0-08 (except for 15V-54V,), EN61347-1, EN61347-2-13 independent, IP67 approved ; TUV EN60950-1 Compliant
Electromagnetic Compliance	Compliance to EN55015 Class A, FCC 47CFR Part 15 Class
Harmonic Current	Compliance to EN61000-3-2 Class C
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, Light Industry Level (surge 4KV), criteria A

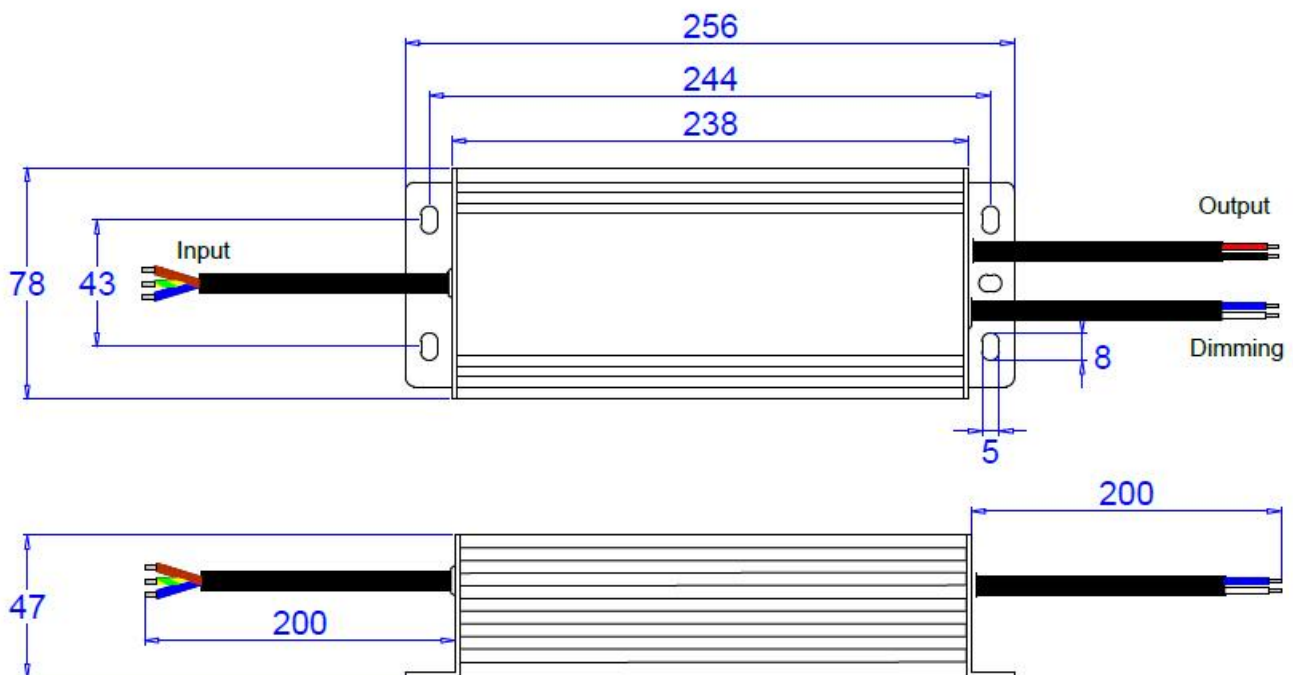
All the specifications are typical and at 25 °C Tcase unless specified otherwise

LEA115A

E-DIMMING 0/1-10V DRIVER SPEC SHEET

Mechanical Specifications

Mechanical Drawing and Dimensions



EASEIC

© Copyright 2013 EASEIC INC.
All rights reserved. Rev A1.0
Data is subject to change without notice.
www.easeic.com

Easeic Inc.

27 Hall Street, Brooklyn, NY 11205
Tel.: 1-718-243-9388
Fax: 1-718-243-9403
Customer Support
Customer Care: 1-646-4029788
E-Mail: ny@easeic.com

Easeic Asia Limited.

Rm. 19C, Lockhart Ctr., 301- 307
Lockhart Rd., Wan Chai, Hong
Kong
Tel.: 852-6955-8075
Fax: 852-6915-3639
E-Mail: info@easeic.com

Easeic Sci-tech Co., Ltd.

No. 37 Huancun Xi Rd.,
Liangtian Industrial Area,
Baiyuan District, Guangzhou,
China
Tel.: 86-20-8230-9676
Fax: 86-20-8230-9677
E-Mail: sales@easeic.com