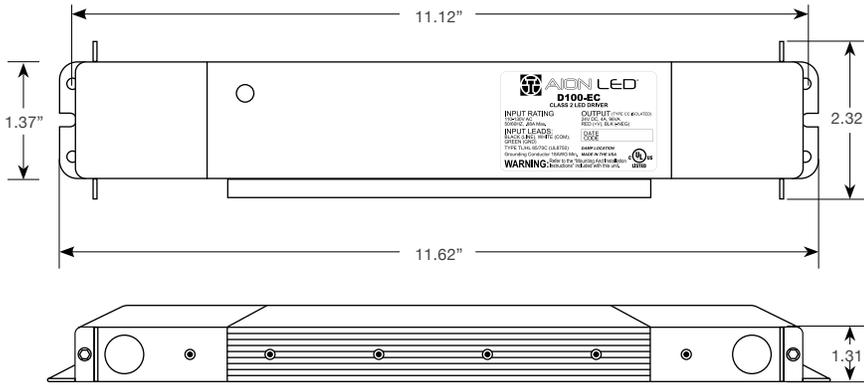


D100-EC
 96W ELV DRIVER
ZERO DIM®



Solid State Dimmable (SSD) Class 2 Electronic Driver

Compact, Lightweight, Efficient

0.1% Dimming*

Dimmable with ELV, Reverse or Adaptive Phase Control, Trailing Edge Dimmers

Multiple Inputs Available:
 120, 240, 277 VAC

Visual LED indicator for protection

IP67 Dry & Damp Locations

5 Year Warranty

Made in USA

2016 JA8 CA Title24 Listed
 Requires Aion LED 1524 Light Engine

Compatible Light Engines:

[9524-FR](#)

[1524-LE](#)

[8924-LE](#)

[4924-LE](#)

[3924-LE](#)

***Reference:**

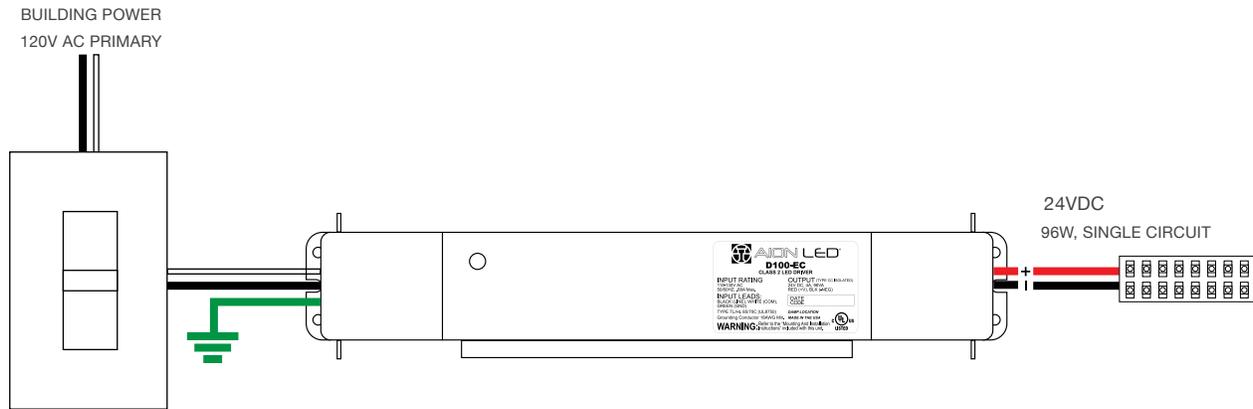
[EC Blue Approved Dimmer List](#)

Model	D100-EC	Watts	96W
Standard Input Voltage	120V AC	Dimensions	11.62" x 1.31" x 2.32"
Output Voltage Loaded	24 VDC	Input Current	0.88A/96W
Inrush Current	>1A	Input Frequency	60 Hz
Current Tolerance	+/-5% Max.	Efficiency	80-85%
Voltage Tolerance	+/-3%	Operating Environment	-20 to +50C ambient at full load, linearly derate to 60% of output rating up to 80C



D100-EC

Wiring & Installation



SAFETY NOTICES

Read and follow all safety instructions

Reference the national code, ANSI/NFPA 70, specifically for the installation of wiring and clearances from power and lighting conductors.

Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.

1. This unit must be located 1 ft. or greater above the deck or ground level.
2. Mount the unit on a suitable surface in any orientation, no spacing between drivers is required as mounted.
3. Using a ruler, measure the mounting point distance for the brackets or mounting tabs provided on the enclosure.
4. Mark the mounting surface and drill a minimum of 2 holes to match the bracket hole centers. Size the drill to accommodate #10 mounting hardware.
5. If keyhole mounting brackets are provided, insert the hardware at the mounting point to allow for 3/16" spacing between the screw head and the mounting surface to accommodate the bracket thickness
6. Refer to the product labeling for detailed line and load wiring procedure
 - For connection, use No.12-22 AWG Cu wires insulated for a minimum of 90C. Rated for 600V. Tightening torque 7 in-lbs for output terminal block.
 - Use wire connectors suitable for the number and size conductors being connected and applied in accordance with the manufacturer's instructions.
 - Minimum 20 amp supply side branch circuit
 - A disconnect device shall be located in the field wiring

Max Lengths

9524-FR	8 ft.
1524-LE	17 ft.
8924-LE	15 ft.
4924-LE	30 ft.
3924-LE	2 x 30 ft. (60 ft.)

Voltage Drop

18 AWG	27 ft.
16 AWG	44 ft.
14 AWG	70 ft.
12 AWG	112 ft.
10 AWG	180 ft.
8 AWG	286 ft.

2016 JA8 CA Title24 Listed
Requires Aion LED 1524 Light Engine

EC Blue Approved Dimmers

ELV TRAILING EDGE ONLY.

Lutron

DVELV-303P, SELV-303P, MRF2S-6ELV-120, MAELV-600

Leviton

VPE04, AWSMT-E8

