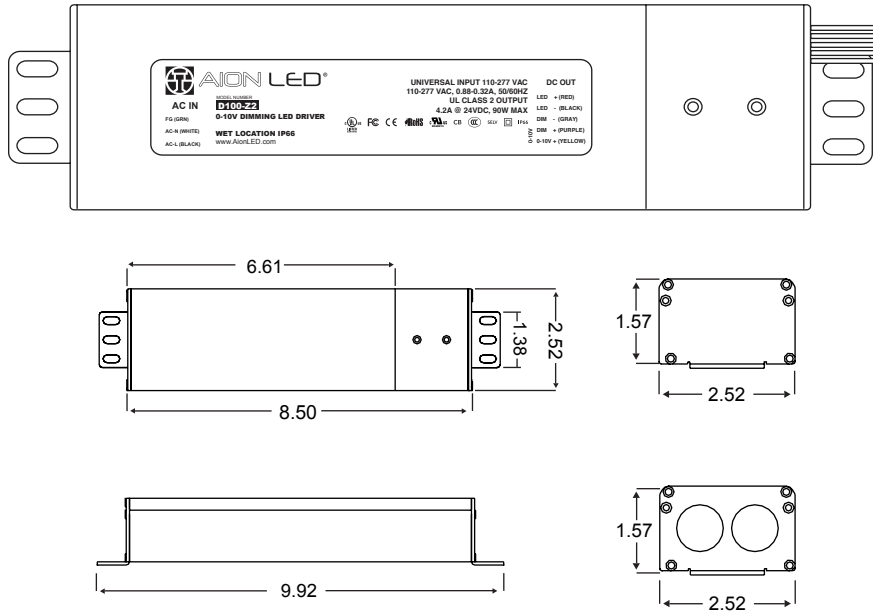


Z2 BLUE

LED Driver



0-10V Dimming LED Driver
Sinking and Sourcing

Universal AC Input:
110VAC- 277VAC
50-60 Hz

NEMA 410 Compliant

IP66 Wet Location Rated







Rated Lifetime: 65,000 Hours
5 Year Warranty

Primary and Secondary Wiring
Compartments

UL Listed

International Approval

Model	D100-Z2		
Dimensions (L x W x H)	9.9" x 2.5" x 1.5" (252mm x 64mm x 40mm)	Voltage Input	110-277V AC
Net. Weight	2.25 lbs (1.02 kg)	Input Frequency (Hz)	50 ~ 60 Hz
Output Voltage	24 VDC	Power Factor	>0.92
Output Current	4.2 A Max.	Efficiency	86%
Power	100W	AC Current	0.88A ~ 0.32A
Load Range	60% ~ 100%	Inrush Current	10A@110V AC 23A@277V AC
Line Regulation	±3%	Storage Temperature	-40 ~ +85°C,
Load Regulation	±5%	Working Temperature	-40 ~ +50°C

Wires Standard 	EU 250V Special Order 	UK 250V Special Order 	US 120V Special Order 	Canada 250V Special Order 	Japan 100V Special Order 
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Dims to 5%-10%
(Varies by dimmer model)

Components of a complete system include: Aion LED A-Track Light Engine, Aion LED A-Track housing with diffuser lens, & Aion LED driver (power supply). Dimmer not included. Approved dimmers, controls, power supplies, cable, & other components only. Contact Aion LED for questions regarding compatibility. Electrician installed. Strictly adhere to NEC & local building code. Limited 5-year warranty against manufacturing defects only, does not cover labor; voided by: inadequate ventilation, field modifications, installation by unqualified personnel, unapproved controls, drivers, cabling, other devices, not following installation guidelines & protocol, general negligence. Installer assumes all liability with regard to property & safety. This product is UL listed. See separate "Aion LED Warranty Terms" & additional instructional materials for more information. Authorized installers only. Systems tested prior to shipping.



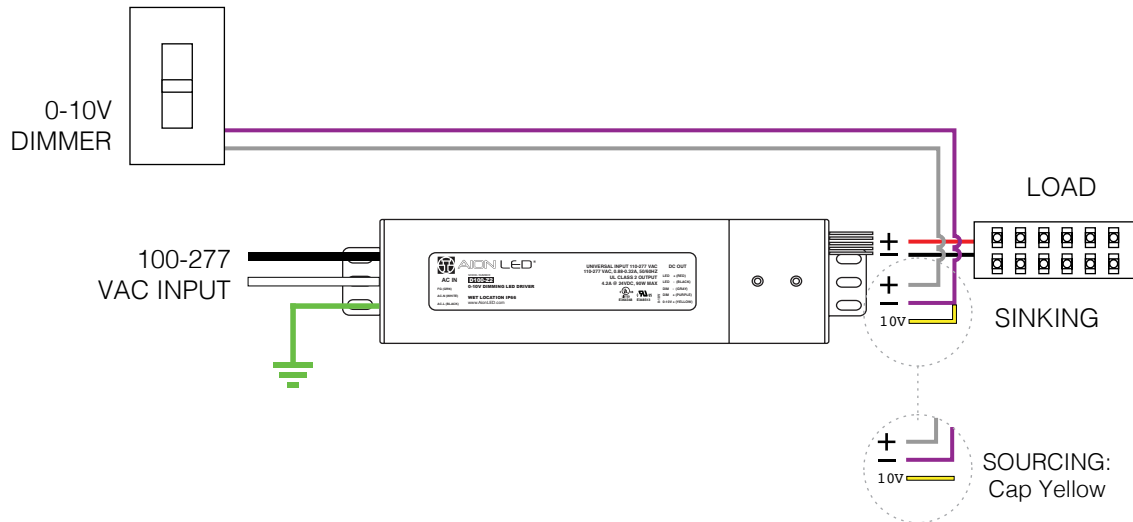
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D100-Z2

Wiring & Installation



Wiring

1. Install per NEC and Local code by qualified personnel
2. Shut off power at the breaker
3. AC Input (Primary) Requires 100-277 VAC Power and ground
4. Connect AC within wiring compartment
5. This unit requires 4" space in all directions
6. Refer to the product labeling for detailed line and load wiring procedure

- Purple/ Gray/ Yellow connect to 0-10V Dimmer
Maximum Current Output: 6mA
- Red/ Black connect to class 2 fixture
- Load 90% MAX (Reference Max. Lengths Chart)

Approved Dimmers

- Lutron DVSTV
- Lutron NTSTV
- Forbes & Lomax RPS
- All other 0-10V Sinking and Sourcing Dimmers

Max Lengths

9524-FR	8 ft. (2.4m)
1524-LE	15 ft. (4.5m)
8924-LE	15 ft. (4.5m)
4924-LE	30 ft. (9.1m)
3924-LE	2x30 ft. (18.2m)

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.



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