



Integral Power Guide

Overview of Vode driver availability, specifications, wiring information, and dimmer compatibility.

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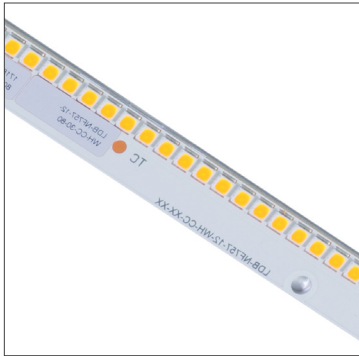
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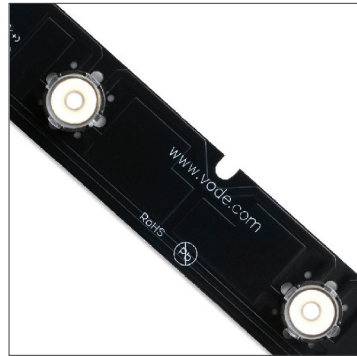
This guide includes technical information to help you quickly choose a driver. Vode uses a variety of drivers to meet the requirements of each LED product. Drivers are selected and programmed depending on rail type, power requirements, dimming protocols and LED type. If a specific driver data sheet is required, please contact Vode or your Vode agent.

Vode supplies 18 AWG multi-core wire harnesses for all driver to rail connections (except Vode ZipWave™ | 707). Vode does not approve the use of other wiring, doing so will void your warranty. All drivers provided are equipped with a luminaire quick disconnect on the line voltage power side.

Vode LED Boards



Zipper Board™
Low power LEDs with a 0.16" (4mm) pitch. A variety of optics are available for each system.



Button Board™
High power LEDs with a 1.5" (38mm) to 2" (51mm) pitch, depending on the product. Optics are included to control the beam angle.

Driver and Wiring Information

Unless otherwise requested, one driver per rail will be supplied. NOTE: DoubleBox™, DoubleRace™, Dual Direction ZipThree® Wall Mount and ZipThree® Ceiling Cable are considered two rails in one and will be provided with two drivers.

Programmed Output & Wattage

If your lumen or power (W) requirements are not met by Low, Standard, or High Output Vode can program the driver to adjust the lumen output and system wattage. Please contact Vode or your Vode agent for details.

All drivers are universal 120v-277v with the exception of AH2: Lutron 2-wire, which is only available in 120v.

Constant Current Drivers

LED drivers come in two types: constant current and constant voltage. Constant current drivers provide a predetermined amount of current (amps) and vary the output voltage according to demand. Constant voltage drivers provide a constant voltage and vary the current load. Vode uses constant current drivers for the reasons below:



Design

Preset current allows for precise control of light output.



Dimming

0.1% dimming levels are possible through the combination of current reduction and pulse width modulation (PWM).



Flickering

Constant current greatly minimizes visible flicker.



Reliability & Efficiency

The constant current design eliminates inefficient regulator components, increasing overall system efficiency.

Integral Power

What is integral power?

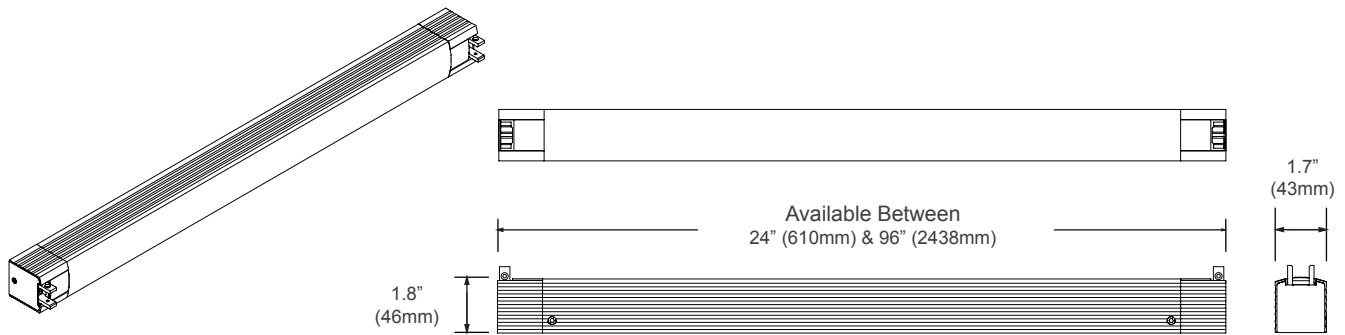
Locating the power supply (*LED driver*), into the lighting fixture or mounting.

Benefits

- Allows power to be mounted directly with the fixture

Features

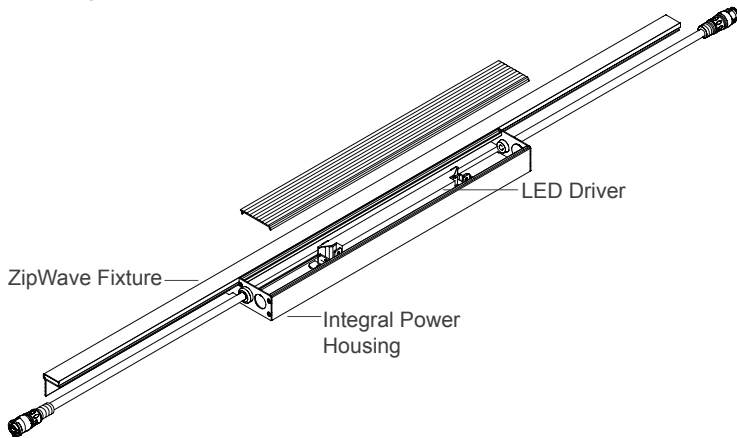
- Ideal for installations where the ceiling is impenetrable for wiring.
- Integral housing is supplied with knock-out holes for 1/2" NPT fitting.
- Line voltage can be brought in from either back or end of housing.
- Wiring is concealed by power housing cover.



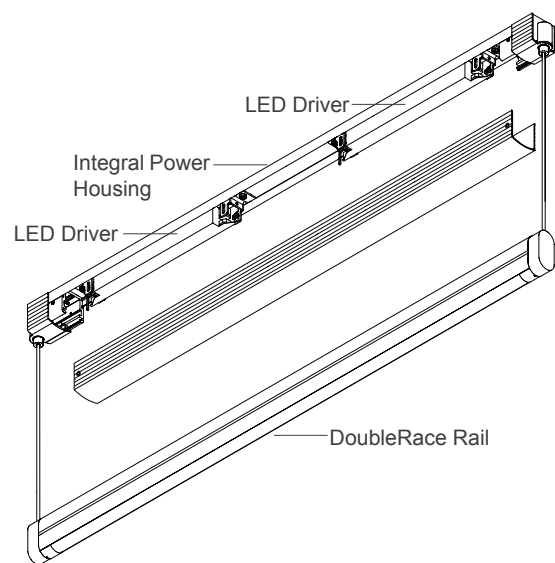
How does Vode do Integral Power?

Vode supplies one integral power housing per fixture. Single rail systems are provided with one driver per housing. Double rail systems are typically supplied with two drivers, as applicable. For multiple fixture systems a power harness is pre-installed in the housing to connect power and dimming controls through all the fixtures.

One single-channel driver powering one single direction fixture



Two single-channel driver powering one dual direction fixture



Input Wattage and Voltage for all Vode Systems

The chart below shows the input wattage and voltage information for Vode systems.

Vode Zipper Board™		12" (305mm)	24" (610mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	96" (2438mm)
107 117 BoxRail®	Low Output	3W, 6V	6W, 15V	19W, 24V	12W, 30V	15W, 41V	18W, 49V	24W, 53V
107 117 RaceRail®	Standard Output	5W, 6V	11W, 15V	17W, 24V	23W, 30V	29W, 41V	35W, 49V	46W, 53V
107 117 WingRail®								
107 DoubleBox†	High Output	9W, 6V	21W, 15V	33W, 24V	45W, 30V	57W, 41V	70W, 49V	92W, 53V
107 DoubleRace†								

Vode Zipper Board™		12" (305mm)	24" (610mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	96" (2438mm)	
707 ZipTwo® Ceiling Cable	Low Output	4W, 9V	7W, 18V	10W, 27V	13W, 35V	16W, 44V	19W, 53V	25W, 53V	
707 ZipThree®		Standard Output	7W, 9V	13W, 18V	19W, 27V	25W, 35V	31W, 44V	37W, 53V	49W, 53V
707 ZipWave®		High Output	10W, 9V	25W, 18V	37W, 27V	49W, 35V	61W, 44V	73W, 53V	97W, 53V

207 BoxRail®		12" (305mm)	24" (610mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)
	Low Output (<i>Direct</i>)	N/A	6W, 15V	9W, 24V	12W, 32V	15W, 41V	18W, 50V
	Low Output (<i>Indirect</i>)	N/A	7W, 18V	11W, 27V	13W, 35V	16W, 44V	19W, 53V
	Standard Output (<i>Direct</i>)	N/A	10W, 15V	16W, 24V	23W, 32V	29W, 41V	35W, 50V
	Standard Output (<i>Indirect</i>)	N/A	12W, 18V	19W, 27V	25W, 35V	31W, 44V	37W, 53V
	High Output (<i>Direct</i>)	N/A	20W, 15V	33W, 24V	45W, 32V	57W, 41V	69W, 50V
	High Output (<i>Indirect</i>)	N/A	25W, 18V	37W, 27V	49W, 35V	61W, 44V	73W, 53V

807 Nexa	24" (610mm)	30" (762mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	90" (2286mm)	96" (2438mm)	108" (2743mm)	120" (3048mm)	132" (3352mm)	144" (3658mm)
Very Low Output	4W, 18V	5W, 21V	6W, 27V	7W, 35V	9W, 44V	11W, 53V	13W, 35V	14W, 35V	18W, 44V	18W, 44V	21W, 53V	21W, 53V
Low Output	7W, 18V	8W, 21V	10W, 27V	13W, 35V	16W, 44V	19W, 53V	23W, 35V	25W, 35V	31W, 44V	31W, 44V	37W, 53V	37W, 53V
Standard Output	13W, 18V	15W, 21V	19W, 27V	25W, 35V	31W, 44V	37W, 53V	46W, 35V	49W, 35V	61W, 44V	61W, 44V	73W, 53V	73W, 53V
High Output	19W, 18V	22W, 21V	28W, 27V	37W, 35V	46W, 44V	55W, 53V	69W, 35V	73W, 35V	N/A	N/A	N/A	N/A

Vode Button Board™

Vode Button Board™		12" (305mm)	24" (610mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	96" (2438mm)
107 BoxRail®	Standard Output	7W, 6V	14W, 12V	21W, 18V	28W, 24V	35W, 30V	42W, 36V	56W, 48V
107 WingRail®								
	High Output	12W, 6V	24W, 12V	36W, 18V	47W, 24V	59W, 30V	71W, 36V	94W, 48V



AE | 0-10v, 1.0% Dimming

0-10v Dimming, what is it?

0-10v dimming is an analog system that uses DC voltage to control the light output levels. This is one of the earliest dimming systems that was adapted from fluorescent fixtures to work with LED technology, and is now one of the simplest and most widely adopted control systems in the US market.

The DC voltage control signal can range between 0-10v. At 0 volts the light fixture is dimmed down to the lowest level allowed by the driver, and at 10 volts the light fixture is at its brightest level. Vode's AE drivers will dim down to 1.0% light output, while AT driver will dim down to 0.1% output.

IMPORTANT: Vode uses a variety of drivers to meet specific requirements of each LED product. Due to differing wattage or voltage of each rail, different drivers may be required in order to properly operate each rail type.

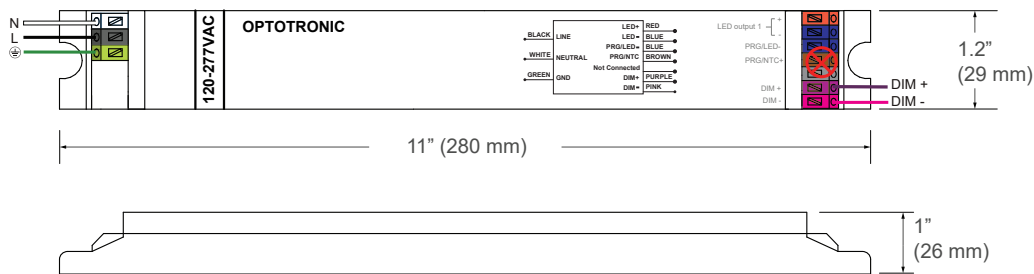
Technical Specifications for eldoLED OPTOTRONIC OTi 30/120-277/1A0 DIM-1 L G2 (30W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)
Dimming Range: 100% to 1.0%
Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request
Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)
Wattage: 30W
Input Voltage: Universal 120-277V, 50/60 Hz.
Type: Constant current, Class 2
Operating Temperature: -30°C to 50°C (-22°F to 122°F)
LED output current range: 150 - 1,050mA
Output: 1x (10-55V)
Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



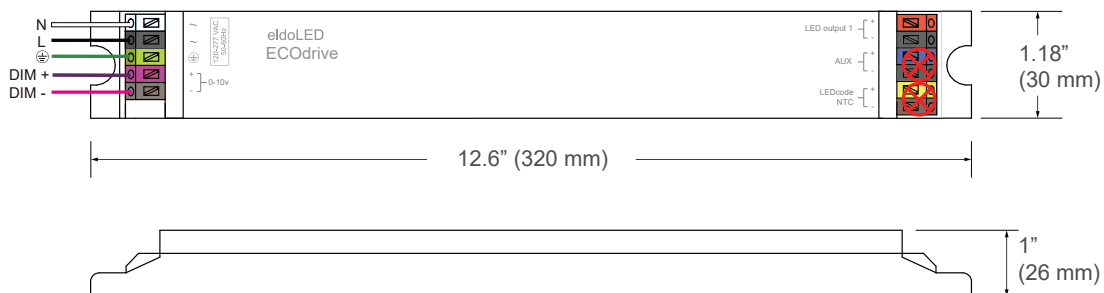
Technical Specifications for eldoLED ECOdrive 366/L (30W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)
Dimming Range: 100% to 1.0%
Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request
Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)
Wattage: 30W
Input Voltage: Universal 120-277V, 50/60 Hz.
Type: Constant current, Class 2
Operating Temperature: -20°C to 50°C (-4°F to 122°F)
LED output current range: 150 - 1,400mA
Output: 1x (2-55V)
Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for eldoLED OPTOTRONIC OTi 50/120-277/1A4 DIM-1 L G2 (50W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)

Dimming Range: 100% to 1.0%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 50W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -30°C to 50°C (-22°F to 122°F)

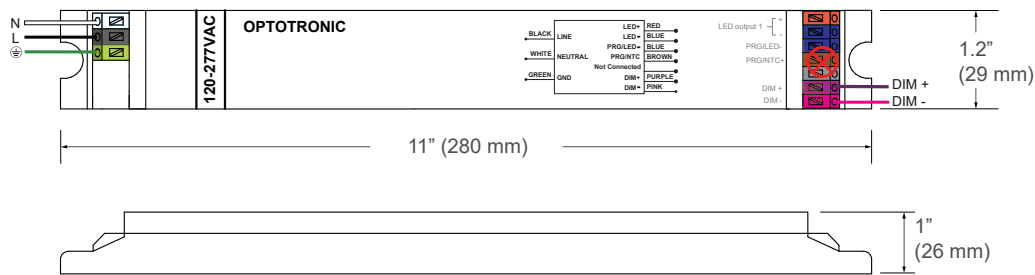
LED output current range: 150 - 1,050mA

Output: 1x (10-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for eldoLED ECOdrive 566/L (50W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)

Dimming Range: 100% to 1.0%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 50W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

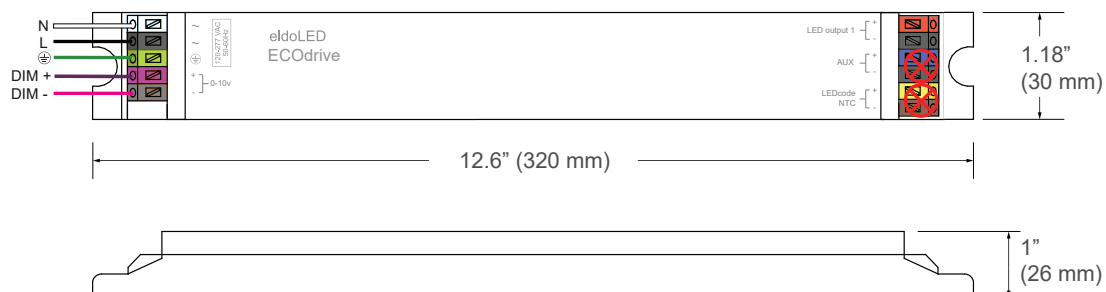
LED output current range: 150 - 1,400mA

Output: 1x (2-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for eldoLED OPTOTRONIC OTi 85/120-277/2A3 DIM-1 L (85W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)

Dimming Range: 100% to 1.0%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 85W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -30°C to 50°C (-22°F to 122°F)

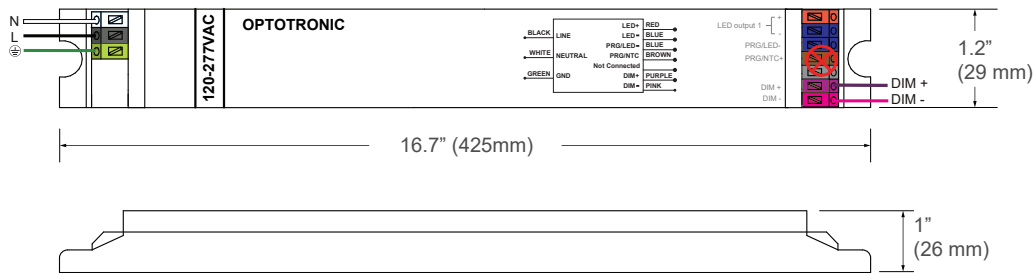
LED output current range: 700 - 2,300mA

Output: 1x (10-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for eldoLED ECOdrive 566/L (50W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)

Dimming Range: 100% to 1.0%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 100W {MAX 77W per channel}

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

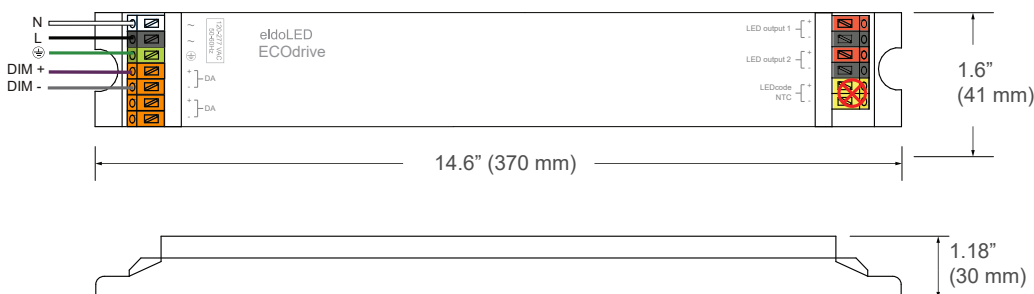
LED output current range: 150 - 1,400mA

Output: 2x (2-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale





AT | 0-10v, 0.1% Dimming

0-10v Dimming, what is it?

0-10v dimming is an analog system that uses DC voltage to control the light output levels. This is one of the earliest dimming systems that was adapted from fluorescent fixtures to work with LED technology, and is now one of the simplest and most widely adopted control systems in the US market.

The DC voltage control signal can range between 0-10v. At 0 volts the light fixture is dimmed down to the lowest level allowed by the driver, and at 10 volts the light fixture is at its brightest level. Vode's AE drivers will dim down to 1.0% light output, while AT driver will dim down to 0.1% output.

IMPORTANT: Vode uses a variety of drivers to meet specific requirements of each LED product. Due to differing wattage or voltage of each rail, different drivers may be required in order to properly operate each rail type.

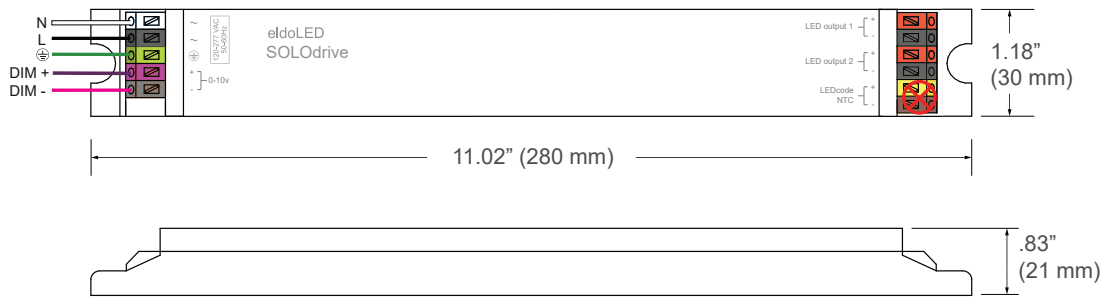
Technical Specifications for eldoLED SOLOdrive 361/U (30W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)
Dimming Range: 100% to 0.1%
Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request
Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)
Wattage: 30W
Input Voltage: Universal 120-277V, 50/60 Hz.
Type: Constant current, Class 2
Operating Temperature: -20°C to 50°C (-4°F to 122°F)
LED output current range: 150 - 1,400mA
Output: 2x (2-55V)
Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



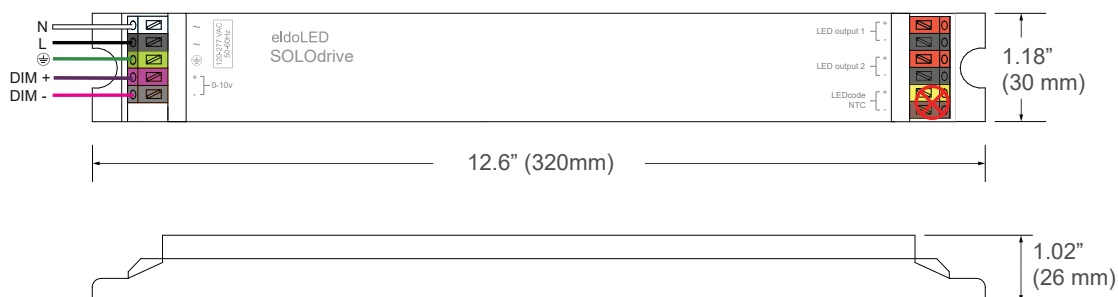
Technical Specifications for eldoLED SOLOdrive 561/L (50W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)
Dimming Range: 100% to 0.1%
Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request
Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)
Wattage: 50W
Input Voltage: Universal 120-277V, 50/60 Hz.
Type: Constant current, Class 2
Operating Temperature: -20°C to 50°C (-4°F to 122°F)
LED output current range: 150 - 1,400mA
Output: 2x (2-55V)
Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for eldoLED SOLOdrive 75L-M2A0A (75W)

See eldoled.com for more information

Dimming Control: 0-10v (isolated)

Dimming Range: 100% to 1.0% (factory programmed from 0.1%)

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 75W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

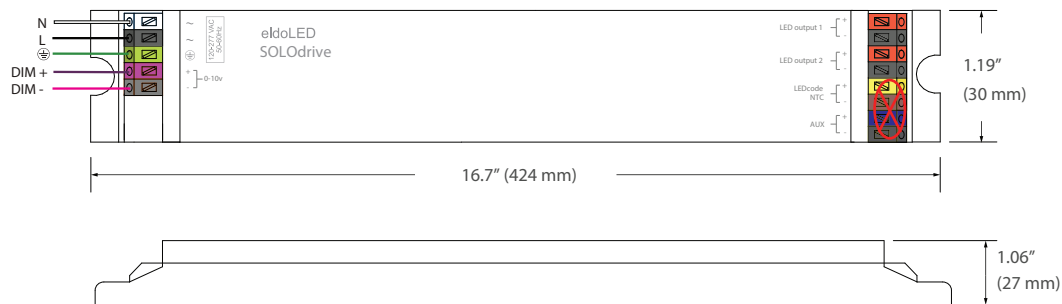
LED output current range: 150 - 1,400mA

Output: 2 x (2-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for Magnitude AFLEX-100W-1400-L-LF (100W)

See magnitudeinc.com for more information

Dimming Control: 0-10v (isolated)

Dimming Range: 100% to 0.1%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 100W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -40°C to 75°C (-40°F to 167°F)

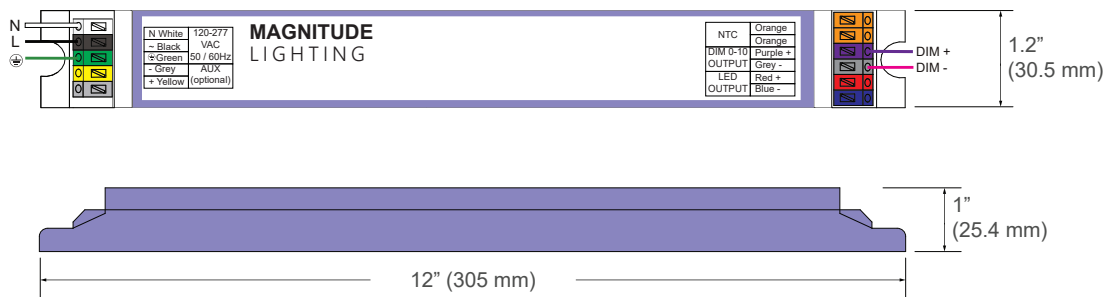
LED output current range: 100 - 1650mA

Output: 1x (3-57V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for Magnitude **AFLEX-100W-1850-L-LC** (100W)

See magnitudeinc.com for more information

Dimming Control: 0-10v (isolated)

Dimming Range: 100% to 0.1%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 100W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -40°C to 75°C (-40°F to 167°F)

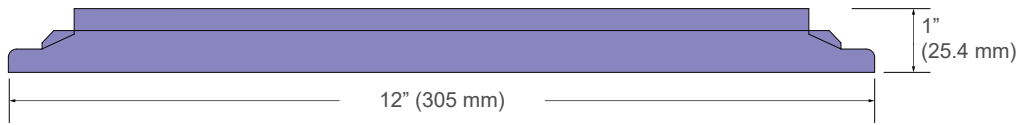
LED output current range: 100 - 2000mA

Output: 1x (3-50V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale





AD | DALI, 0.1% Dimming

DALI Dimming, what is it?

DALI, or Digital Addressable Lighting Interface, is a low voltage dimming system that enables two-way communication between the controller and LED driver. Once the hardware has been installed, the system can be commissioned and addresses can be assigned. Devices are addressed independently or grouped depending on the type of control desired for a space. Digital lighting control allows for greater flexibility of a lighting system and its controls integration.

A global standard for DALI originated in Europe and has been adopted to the US market. The DALI standard is an open protocol, non-proprietary control system that allows for interoperability between manufacturers devices.

IMPORTANT: Vode uses a variety of drivers to meet specific requirements of each LED product. Due to differing wattage or voltage of each rail, different drivers may be required in order to properly operate each rail type.

Technical Specifications for eldoLED SOLOdrive **30U-M2Z0D** (30W)

See eldoled.com for more information

Dimming Control: Digital Addressable Lighting Interface (DALI-2), DT6

Dimming Range: 100% to 0.1%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 30W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

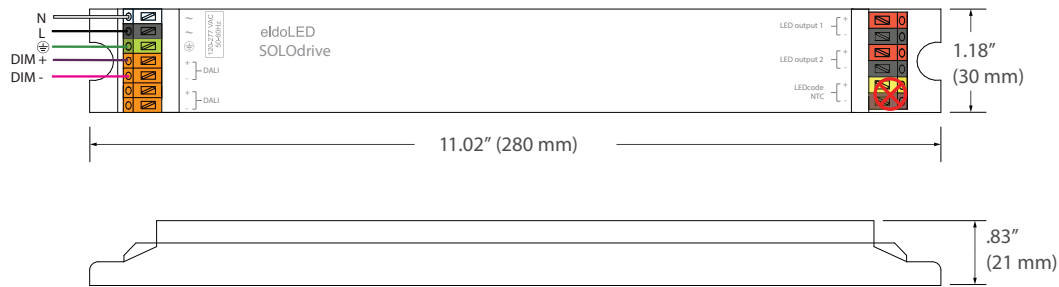
LED output current range: 150 - 1,400mA

Output: 2 x (2-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for eldoLED SOLOdrive **560/L** (50W)

See eldoled.com for more information

Dimming Control: Digital Addressable Lighting Interface (DALI), DT6

Dimming Range: 100% to 0.1%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 50W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

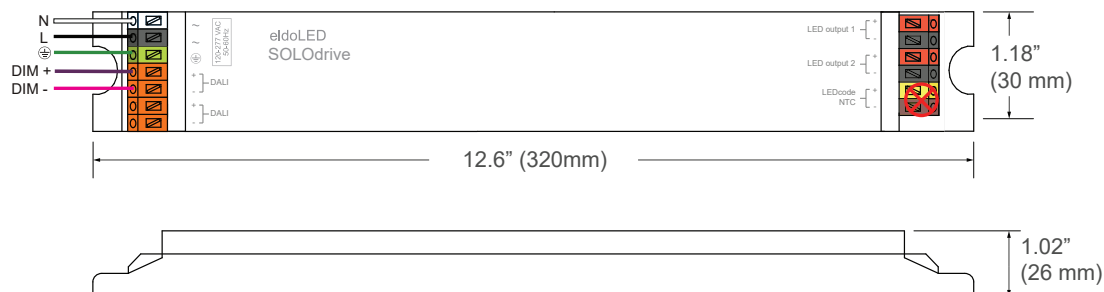
LED output current range: 200 - 1,050mA

Output: 2x (2-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



Technical Specifications for eldoLED SOLOdrive 760/L (75W)

See eldoled.com for more information

Dimming Control: Digital Addressable Lighting Interface (DALI-2), DT6

Dimming Range: 100% to 0.1%

Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic is available upon request

Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)

Wattage: 75W

Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

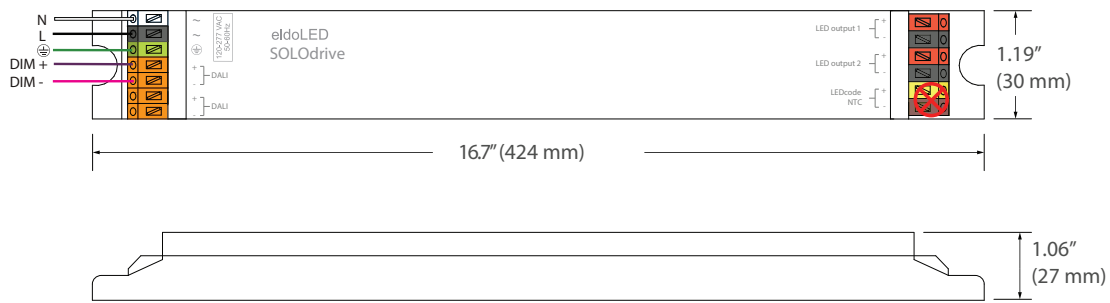
LED output current range: 150 - 1400 mA

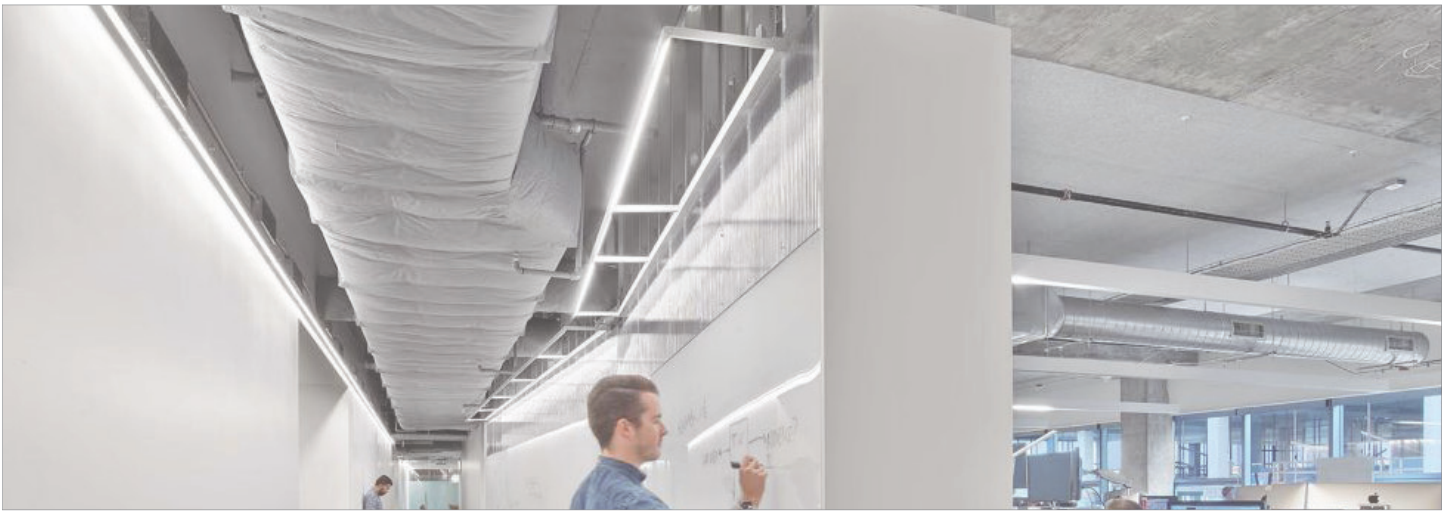
Output: 2x (2-55V)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale





AX | DMX, 100-0.1% Dimming

DMX Dimming, what is it?

DMX stands for Digital Multiplex Signal. This is a standard protocol for digital communication in a lighting system and is often used for dynamic color changing LED applications in architectural lighting. Similar to DALI, devices can be assigned addresses and controlled, but DMX can control a larger range of addresses and devices outside of lighting fixtures as well. The system requires dedicated cabling between the controller and the driver and specialized knowledge for commissioning, but it is a highly customizable control system and well suited for sophisticated lighting applications.

IMPORTANT: Vode uses a variety of drivers to meet specific requirements of each LED product. Due to differing wattage or voltage of each rail, different drivers may be required in order to properly operate each rail type.

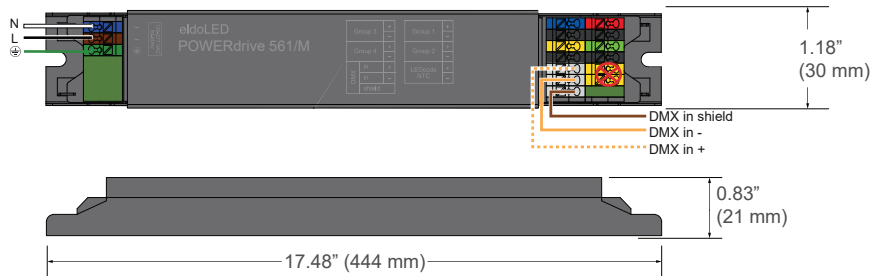
Technical Specifications for eldoLED POWERdrive 50U-M4Z0X (50W)

See eldoled.com for more information

Dimming Control: Digital Multiplex (DMX)
Dimming Range: 100% to 0.1%
Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic/Square is available by request.
Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)
Wattage: 50W
Input Voltage: Universal 120-277V, 50/60 Hz.
Type: Constant current, Class 2
Operating Temperature: -20°C to 50°C (-4°F to 122°F)
LED output current range: 200 - 1,050 mA
Output: 4x (2-55V) {Available for Power Optimization}
Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



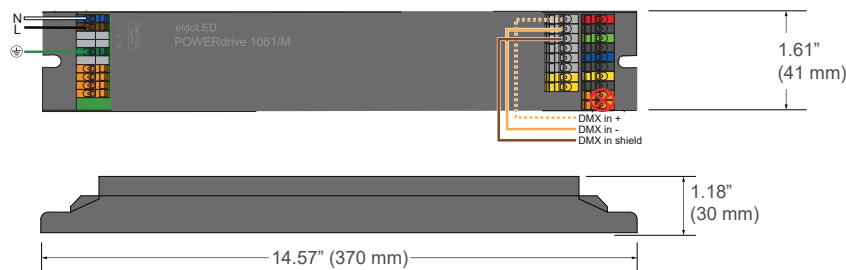
Technical Specifications for eldoLED POWERdrive 106/M (100W)

See eldoled.com for more information

Dimming Control: Digital Multiplex (DMX)
Dimming Range: 100% to 0.1%
Dimming Curve: Driver dimming curve is factory preset to linear. Logarithmic/Square is available by request.
Dimming Type: Analog, hybrid of constant current reduction (CCR) and pulse width modulation (PWM)
Wattage: 100W
Input Voltage: Universal 120-277V, 50/60 Hz.
Type: Constant current, Class 2
Operating Temperature: -40°C to 50°C (-40°F to 122°F)
LED output current range: 200 - 1,050 mA
Output: 4x (2-57V) {Available for Power Optimization}
Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale





AH | Lutron, Hi-Lume 1% Dimming EcoSystem, Soft on / Fade to Black Technology, LDE1



Lutron Soft on / Fade to Black, what is it?

Hi-lume 1% EcoSystem LED Drivers with Soft-on, Fade-to-Black provide a high-performance solution for any space, in any application. They provide smooth, continuous dimming down to 1% of full output current, and the Soft-on, Fade-to-Black fades smoothly between 0% and 1% when turned on and off for an incandescent-like experience. These drivers offer continuous, flicker-free dimming from 100% to 1% and accommodates zone and control changes without rewiring.

http://www.lutron.com/TechnicalDocumentLibrary/369832_ENG.pdf

IMPORTANT: Vode uses a variety of drivers to meet specific requirements of each LED product. Due to differing wattage or voltage of each rail, different drivers may be required in order to properly operate each rail type.

Technical Specifications for Lutron LDE1

See lutron.com for more information

Dimming Control: EcoSystem Digital

Dimming Range: 100% to 1%

Dimming Type: Constant current reduction (CCR) to 5%, Pulse width modulation (PWM) below 5%

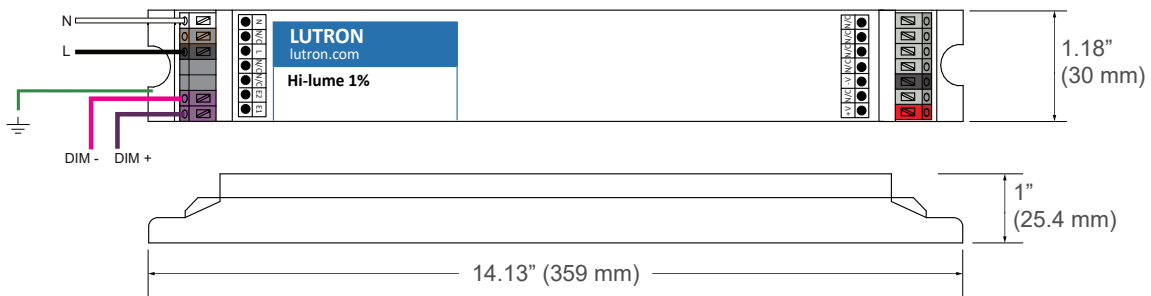
Input Voltage: Universal 120-277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: 0°C to 75°C (32°F to 167°F)

Driver Wiring Information

NOTE: Driver not drawn to scale



Remote Driver Distances

Vode Zipper Board™

	12" (305mm)	24" (610mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	96" (2438mm)
107 117 BoxRail®							
107 117 RaceRail®							
107 117 WingRail®							
107 DoubleBox™							
107 DoubleRace™							
207 BoxRail®							
Low Output	100' (30.5 m)						
Standard Output	100' (30.5 m)				75' (22.9 m)		50' (15.2m)
High Output	100' (30.5 m)				25' (7.6 m)		—

	12" (305mm)	24" (610mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	96" (2438mm)	
707 ZipTwo® Ceiling Cable								
707 ZipThree® Ceiling Cable								
Low Output	—	100' (30.5 m)					25' (7.6 m)	
Standard Output	100' (30.5 m)				75' (22.9 m)		50' (15.2m)	
High Output	100' (30.5 m)				25' (7.6 m)		—	

	24" (610mm)	30" (762mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	90" (2286mm)	96" (2438mm)
807 Nexa								
Very Low Output	—	—	100' (30.5 m)				25' (7.6 m)	
Low Output	100' (30.5 m)						25' (7.6 m)	
Standard Output	100' (30.5 m)				75' (22.9 m)		25' (7.6 m)	
High Output	100' (30.5 m)				25' (7.6 m)			

Vode Button Board™

	12" (305mm)	24" (610mm)	36" (914mm)	48" (1219mm)	60" (1524mm)	72" (1829mm)	96" (2438mm)
107 BoxRail®							
107 WingRail®							
Standard Output	100' (30.5 m)						
High Output	100' (30.5 m)						



AH2 | 1% 2-wire Dimming

1% 2-Wire Dimming, what is it?

ELV: ELV stands for Electronic Low Voltage. An ELV dimmer is known by a number of names. ELV dimmers are also called simply “electronic dimmers”, as well as “trailing edge dimmers”. These names come from the way in which this dimmer transitions your LED’s luminosity.

<https://www.erp-power.com/how-elv-dimmers-work/#:~:text=ELV%20stands%20for%20Electronic%20Low,dimmer%20transitions%20your%20LED's%20luminosity.>

IMPORTANT: Vode uses a variety of drivers to meet specific requirements of each LED product. Due to differing wattage or voltage of each rail, different drivers may be required in order to properly operate each rail type.

Technical Specifications for ERP PSB Series Back Feed

See erp.com for more information

Dimming Control: 0-10v, TRIAC & ELV

Dimming Range: 100% to 1%

Input Voltage: 120V & 277V, 50/60 Hz.

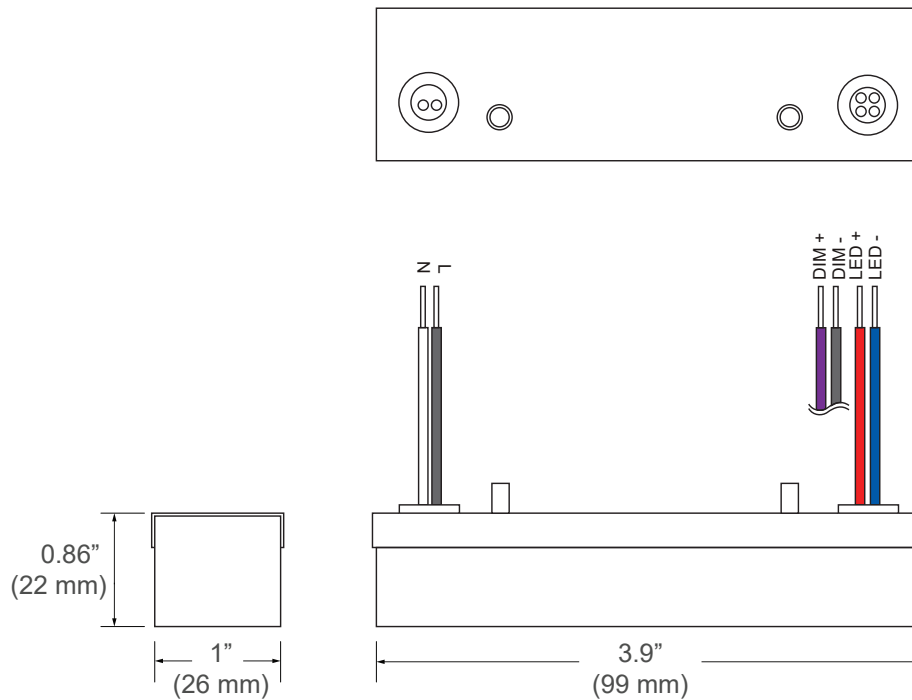
Type: Constant current, Class 2

Operating Temperature: -10°C to 50°C (14°F to 122°F)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale



IMPORTANT: Vode uses a variety of drivers to meet specific requirements of each LED product. Due to differing wattage or voltage of each rail, different drivers may be required in order to properly operate each rail type.

Technical Specifications for ERP PSB Series Side Feed

See erp.com for more information

Dimming Control: 0-10v, TRIAC & ELV

Dimming Range: 100% to 1%

Input Voltage: 120V & 277V, 50/60 Hz.

Type: Constant current, Class 2

Operating Temperature: -10°C to 50°C (14°F to 122°F)

Remote Distance: Up to 100' (30.5m) from LED source

Driver Wiring Information

NOTE: Driver not drawn to scale

