

# LINDRIVE

## CONSTANT VOLTAGE CLASS 2 PHASE CUT DIMMABLE LED DRIVER



The LinDrive Series of Constant Voltage Class 2 LED Drivers offer smooth flicker free dimming with a wide variety of compatible dimmers. The drivers low profile plastic enclosure enables easy and safe installation making it the perfect choice for under cabinet lights, tape lights and various LED fixture installations. Our electrical specification includes auto reset, over current and short circuit protection. As always, 5-year warranty is a standard on all of Magnitude's products.

### QUICK SPECS

Input Voltage	Max Output Power	Output Voltage	Output Current	Efficiency @ Max Load	Env. Protection Rating	Weight
100-130VAC	20W	24VDC	840mA	> 82%	IP21	198gr / 6.98oz

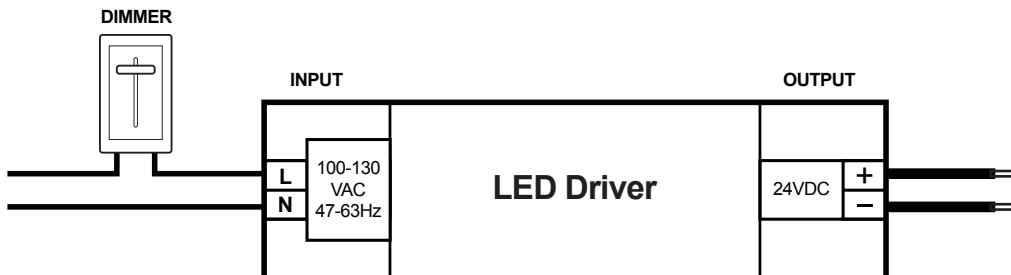
### ENCLOSURE DETAILS In. (mm)

Length	6.1 (154.7)
Mounting Length	5.8 (146.6)
Width	2.1 (53.7)
Height	0.8 (20)

### FEATURES

- Phase Cut Dimmable
- Dim down to 1%
- Super compact plastic case, less than 1" high.
- Class 2
- ETL Listed
- Auto-Reset Protection for short circuits & over-voltage.

### WIRING DIAGRAM



### SPECIFICATIONS

#### Input

Input Voltage Range	100 - 130VAC
Input Frequency	47 - 63Hz
Input current	0.5A Max
Inrush Current	9A Max
Efficiency	> 82% @Max Load
Power Factor	> 0.65

#### Output

Output Voltage	24VDC
Output Current	840mA Max
Line Regulation	± 3%
Load Regulation	± 3%
Turn On Delay Time	< 0.4 Sec @Max Load

#### Environmental

Env. Protection Rating	Dry and Damp Locations
Operating Ambient temperature	-25°C - +45°C
Max Case Temp. (Tcase)	75°C for a 5 year warranty
Storage temperature	-40°C - +80°C
Expected life time	50K Hours > 75°C Tc Max
Audible Noise	< 24db Class A

#### Dimming

Dimming Control	Phase cut
Dimming Range	1 - 100%
Minimum Dimming Level	1%

#### Protections

Over Current Protection	Yes, CC mode
Short Circuit Protection	Yes, Hiccup mode
Over Voltage Protection	Yes
Over Temperature Protection	Yes, Hiccup mode
Over Load Protection	Yes, CC mode

## Mechanical & Housing Specification

Length	155mm / 6.10"
Width	54mm / 2.12"
Height	20mm / 0.78"
Housing Material	ABS
Housing Color	Blue
Connectors type	Terminals 14-26 AWG
Weight	198g / 6.98oz

## Approval Markings

Certificates / Approval signs	ETL Listed under UL 8750 and 1310
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## MECHANICAL DIAGRAM

