

# 20W LINDRIVE

Constant Voltage Class 2 Phase Cut Dimmable Driver

Product Code: SLT20L12DC

iLED SKU#: 3858

Magnitude's LinDrive Series Constant Voltage Class 2 LED Drivers offer smooth flicker free dimming with a wide variety of compatible dimmers. The driver's low profile plastic enclosure enables easy and safe installation, making it the perfect choice for low-voltage under cabinet lights, tape lights, and various LED fixture installations. Electrical specifications include auto reset, over current and short circuit protection.

## Features

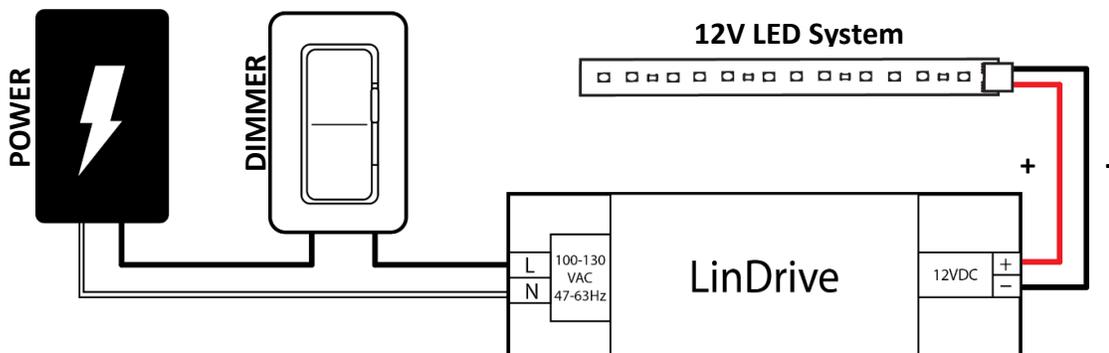
Dimmable with most standard MLV/Incandescent TRIAC (leading edge) dimmer switches. Super compact ABS plastic case (less than 1" high). Class 2, ETL Listed under UL 8750 and 1310. Auto-reset protection for short circuits & over-voltage.

## Specifications

**50% Load is required if not being used with a dimmer.**

Max Load	20W
Input Voltage	100-130V AC
Input Current at Max Load	0.9 A
Output Voltage	12V DC
Output Current at Max Load	1700mA
Turn on Delay at Max Load	< 0.4 seconds
Efficiency at Max Load	>82%
Power Factor	> 0.65
Env. Protection Rating	IP21 Dry and Damp Locations
Operating Ambient Temp.	-25°C to 45°C
Storage Temp.	-40°C to +85°C
Life Expectancy	50K Hours > 75°C Tc Max
Audible Noise	<24db Class A
Connector Type	Screw Terminal 14-26 AWG
Dimensions (inch)	6.10" x 2.12" x 0.78"
Weight	7 oz.

## Wiring Diagram



## ! BEFORE YOU BEGIN

**Note:** This driver requires a **compatible MLV/Incandescent TRIAC (leading edge) dimmer switch** for proper operation. See the list of approved dimmers recommended by Magnitude Inc. and Inspired LED. Driver must be installed in a well-ventilated area free from explosive gasses and vapors. Proper operation requires a free flow of air. Driver should be installed by a qualified electrician in accordance with article 450 of the National Electrical Code.

### Precautions Before Installing

Check the label to ensure the driver has the proper input voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram below.

### Input Connections/Grounding

First, remove the input wiring cover on the side of the driver. With power turned off, route the input wires into the driver's input screw terminals according to the diagram below. Dimmer is to be installed on the input (120VAC) side of the driver.

### Output Connections

First, remove the output wiring cover using Phillips head screw driver. With power turned off, route wires from LED fixtures into the driver's output terminals according to the wiring diagram below. With polarities matched, insert wires into screw terminals and retighten screws.

### Mounting

Select a location capable of supporting the weight of the driver. Use the two screw tabs on opposing corners of the driver case to mount in designated area. Driver should be in a well-ventilated area and never sealed inside a wall.

### To calculate voltage drop

Visit the magnitude website and download the free app: [www.magnitudeinc.com/service-support/voltage-drop-app/](http://www.magnitudeinc.com/service-support/voltage-drop-app/)