

Q. What type of power supplies does Nova Flex carry?

A. Nova Flex offers the below power supplies...

- Electronic, Non-Dimming
- Magnetic Low-Voltage Dimming (MLV)
- 0/10V Dimming
- Plug & Play, Non-Dimming

Q. IS 0/10V STATIC DIMMING RECOMMENDED OVER MLV DIMMING? IF SO, WHY?

A. Yes. It offers smooth flicker-free dimming down to 0.1%.

Q. IS 0/10V DIMMING AC (LINE SIDE) OR DC (LOAD SIDE) DIMMING?

A. DC dimming; see 0/10V Wiring Diagram for more details.

Q. CAN MLV DRIVERS BE HOOKED UP TO A NON-DIMMING SWITCH?

A. No, it can cause flickering/malfunctioning. All MLV drivers should be hooked up to a compatible MLV dimming switch; see MLV spec sheets for more details.

Q. DOES NOVA FLEX PROVIDE AN ELV DIMMING OPTION?

A. Not Currently. Our suggestion would be to use 0/10V dimming.

Q. HOW DO I KNOW IF A POWER SUPPLY WILL BE COMPATIBLE WITH MY PROJECT?

A. If you are NOT dimming, use a non dimming power supply. We offer hardwire or plug-in options. If you are dimming, will it be MLV or 0/10V? Contact a Nova Flex expert at 800-595-6302 for any additional questions or clarification.

Q. WHAT ARE THE BENEFITS OF ELECTRONIC POWER SUPPLIES?

A. An electronic power supply is highly reliable and gives a constant 24V output. It also has built-in protections such as: Short Circuit / Over Voltage / Over Temperature

Q. WHAT ARE THE BENEFITS OF MAGNETIC POWER SUPPLIES?

A. Magnetic power supplies are designed to operate with any standard MLV/TRIAC (Leading Edge) dimming switch and are a very common way to dim.

Q. WHAT SHOULD I DO IF MY E-SERIES POWER SUPPLY READS AT 40 VOLTS?

A. Turn the power off, double check the polarity both on the line and load side of the driver and turn power back on.

Q. WHY CAN'T I GET A SINGLE CHANNEL OVER 96 WATTS?

A. 24V power supplies under 96 watts have Class 2 compliance. All of our 24V drivers and ribbon lengths are under 96 watts for Class 2 compliance. We at Nova Flex want to provide the highest standard of safety to each customer.

Q. WHAT COLOR WIRES ON A CLG100W24V-HW POWER SUPPLY CONNECT TO THE LINE VOLTAGE SIDE?

A. Power Supply Input Side:
Brown = Line (Hot) wire
Blue = Neutral wire
Green/Yellow = Ground wire

Q. WHAT IF I HAVE HIGH VOLTAGE READINGS ON THE LOAD SIDE (24V) OF AN E-SERIES POWER SUPPLY?

A. Check these three scenarios to ensure it has been installed properly.

1. Make sure the input on the line side is at or under 120V
2. Is the ribbon hooked up to the driver
3. Is the driver connected to an MLV dimming switch

Q. ARE NOVA FLEX PRODUCTS COMPATIBLE WITH DALI DIMMING?

A. No. Not currently.

Q. DO OTHER MLV DIMMERS (NOT ON THE NOVA FLEX APPROVED COMPATIBILITY CHART) WORK WITH OUR MLV DRIVERS?

A. Most MLV Dimmers should work with our MLV Drivers. However, Nova Flex Approved Dimmers is what Nova Flex recommends in any application as they have been certified and approved by us.