

SKY-RISE LED Driver

Low Voltage LED Constant Voltage Driver

FEATURES

- Constant voltage 0-24V PWM output for dimming LEDs
- 5A FET output
- 24VDC input integrates easily into DC systems
- High efficiency polarity correction
- Programmable output to meet device-specific requirements
- Built in power meter reports current, voltage, power, and energy use data to the cloud.
- PWM output can be used as wireless speed controller for 24VDC fans
- Small size may fit inside luminaires
- IPv6 wireless communication
- Compatible with entire SKY family of products
- Automatically populates to web-based configuration software

- Ultra low power consumption
- Acts as a repeater in the IPv6 mesh network
- UL 2043 listed plastic enclosure. Suitable for use in air handling space

TECHNICAL SPECIFICATIONS

Electrical:

Input Voltage: 24VDC (polarity correcting)
 Input Current: 5A max (depending on load or SKY-Rise power plus load)
 Inrush Current: 0A
 LED Dimming Output: PWM 0-24VDC

Mechanical:

Plastic enclosure W=2" L=2.25" H=.875"
 Fixing Center= 2.625"

Communication:

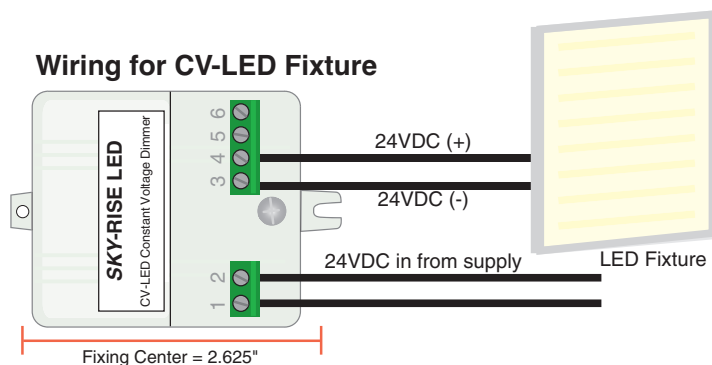
Communications Protocol: IEEE 802.15.4
 Routing Protocol: 6LoWPAN
 RF Range: 100ft to nearest node*
 Frequency Band: 2.4Ghz
 Antennae: Internal ceramic and whip antennae for diversity

Standards and listings: UL2043, FCC

* The range of each device is limited to 100 feet from the next device. Devices installed farther away communicate through the mesh network to create an expansive communication territory.

WIRING DIAGRAM

Wiring for CV-LED Fixture



For more information:

Nextek Power Systems
 461 Burroughs Street
 Detroit, Michigan 48202
www.nextekpower.com

Tel: 313-887-1321
 Toll free: 1 (877) 24-VOLTS
 Fax: 313-887-9433
info@nextekpower.com

Rev. 011314

