

## SKY-RISE 0-10V Dimmer

### Low Voltage 0-10V Dimmer

#### FEATURES

- 0-10VDC (or 1-10V) sink control for 0-10 dimming devices
- 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 fits 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  
LV Controls Output: 0-10VDC

##### Mechanical:

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

##### Communication:

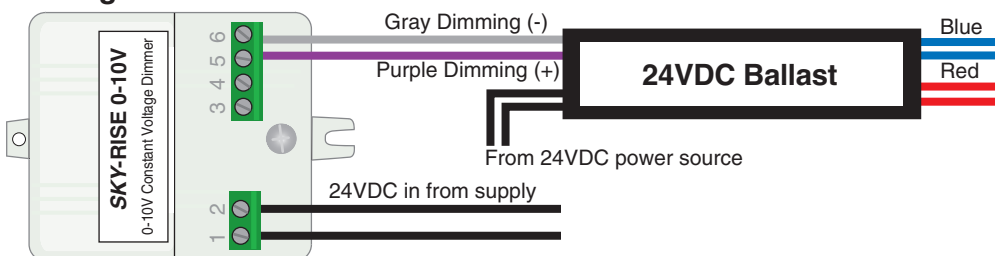
Communications Protocol: IEEE 802.15.4  
Routing Protocol: 6LoWPAN  
RF Range: 100ft to nearest node\*  
Frequency Band: 2.4Ghz  
Antennae: Internal ceramic and whip antennae for diversity

##### 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 0-10V Devices



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Rev. 010814

