SUNRICHER

0-10V BLE Fixture-Integrated Sensorless Controller

Product Datasheet
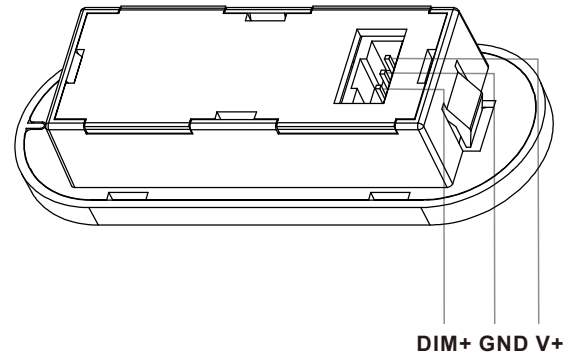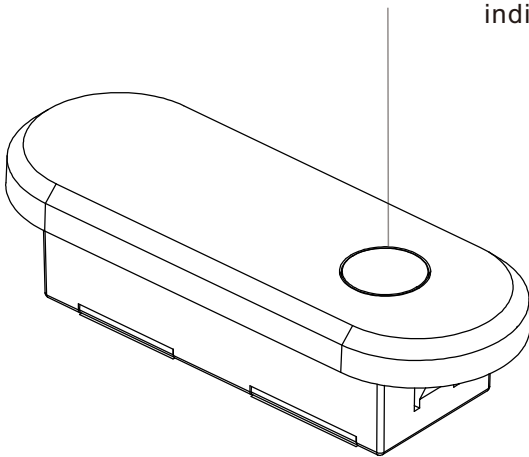
Please read all instructions before installation

Product info

Reset Key: Press it to help withdraw the device
from internet/APP, LED flashes quickly
indicates success.

DIM+ GND V+

Note:

V+: Power supply(+)   **GND:** Common port for Power supply(-) & DIM-   **DIM+:** 0-10V signal port(10V)
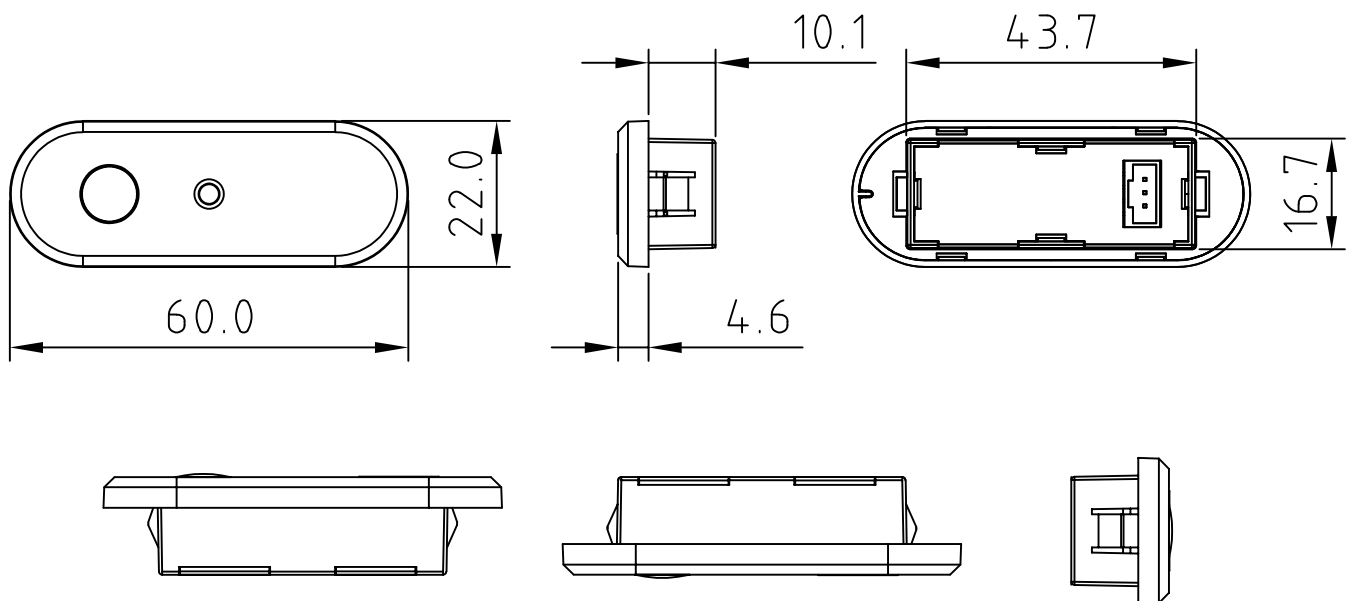
Parameters

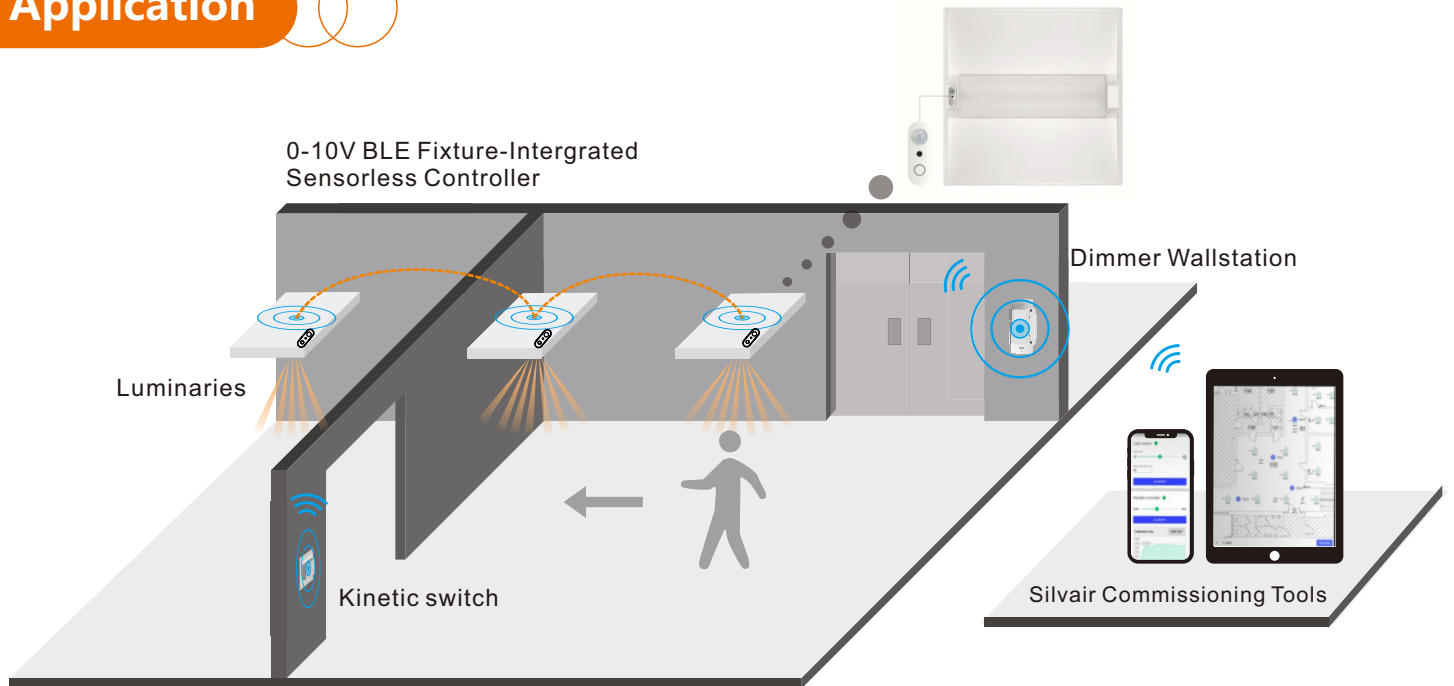| Input		Output, 0/1-10V	Control		Environment		Others
Power	Signal	Current	Dimming Curve	Dimming Method	Operating temperature	Relative humidity	Size
12-24VDC	Bluetooth	Max. 20mA	Logarithmic	PWM	0°C~+45°C	8% to 80%	See dimensions

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Features

- Bluetooth to 0-10V signal converter,Bluetooth® mesh network
- Built-in 20mA 0-10V signal output
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices
- All devices on 0-10V line are broadcast controlled by mobile application
- Supporting our kinetic energy switches and EnOcean switches EWSSB and EWSDB
- In typical indoor environment, the typical range for wireless communication is 20m to 25m . Actual range is dependent on field installation.
- Standby power consumption less than 0.5W,meet latest ERP regulation
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds)
- On-board antenna
- Waterproof grade: IP20
- 5 years warranty

Dimension

Application

0-10V BLE Fixture-Intergrated
Sensorless Controller

Luminaries

Kinetic switch

Dimmer Wallstation

Silvair Commissioning Tools

Specifications

Linkage

• Free to link several zones which acts like zone linking
• Free to set linkage conditions
  (A triggers B or B triggers A)
• Work with Sensor node can realize maxium cost-
effective ratio

ENERGY SAVINGS

• Low/High-end trimming
• Manual control
• Auto and advanced demand response programs
• In-node Scheduling （INS）Function

COMFORT & CONVENIENCE

• Personalized setting profile
• Working with kinetic switch and 0-10V dimmable drivers
• Multi-scenes control

ENVIRONMENT AND APPROBATION

• Operating temperature: 0°C to 45°C
• Agency approbations: CE/UL listed/ FCC/ IC…
• Warranty: 5 years
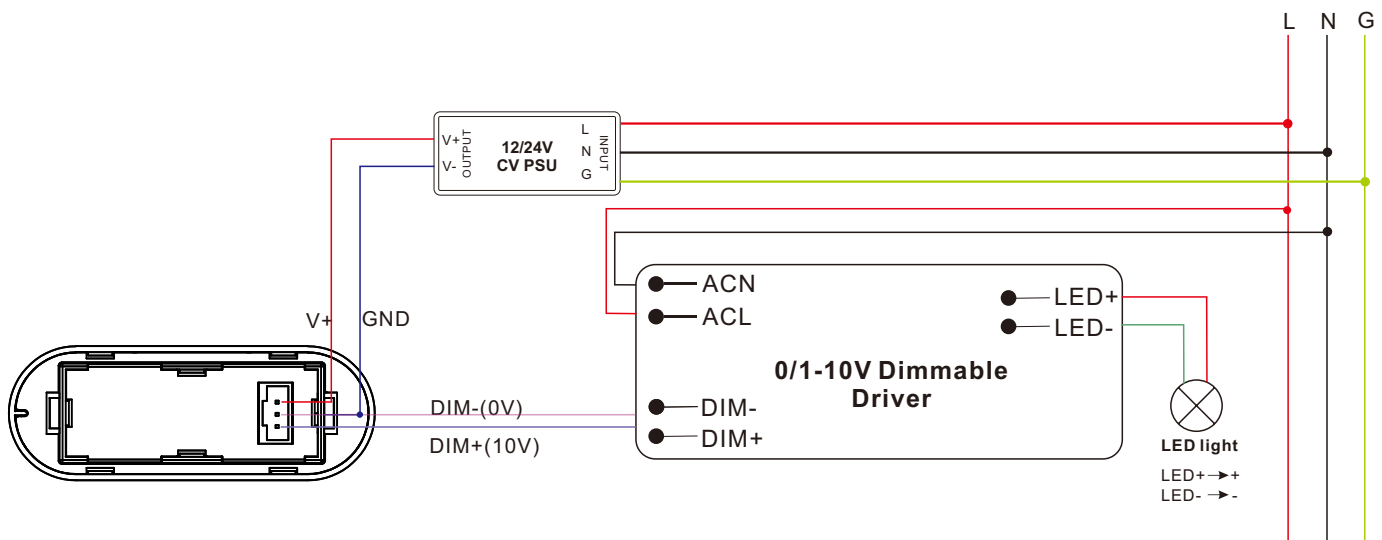
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Warning

- DO NOT install with power applied to device
- DO NOT expose the device to moisture

Operation

- Do wiring according to connection diagram
- Kindly refer to **Silvair commissioning User Manual** for further pairing
- Press and hold down the "Reset"button on the controller over 5 seconds until the indicator flashes , which means it has been reset.
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds)

Wiring

Update log

Date	Version	Update content	Update by
2022-11-10	V1.1	Parameter Update	Romeo

Subject to change without notice.Please contact us if you have any question.

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