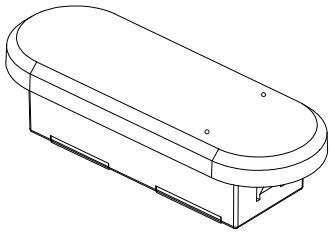
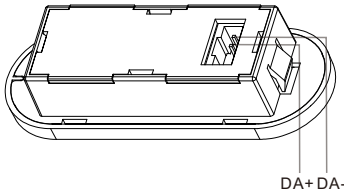
SUNRICHER

Casambi Wireless Fixture-Integrated DALI Sensorless Controller

Important: *Read All Instructions Prior to Installation*

Function introduction





Note: DA+/DA-: DALI signal port

Product Description

The fixture-Integrated sensorless controller combines DALI dimming and Casambi radio technology into a small package that fits into various luminaires. When used with DALI LED drivers, it enables any lighting manufacturer to deliver wirelessly-controllable and DALI-enabled fixtures with minimal engineering effort. The DALI-enabled luminaires just need to be connected to mains power. The result is increased occupant comfort and significant energy savings that meet the most demanding building energy codes.

Casambi Technology Explained

The Casambi technology provides a mesh network where all the intelligence of the system is replicated in every node and, in such a way, creates a system with no single point of failure. In this kind of fully distributed architecture, any unit can go offline and catch up from others when they return back online.

Wireless Features

- Control a large number of fixtures from any point
- Simple to use UI
- Wide range of functionality – Grouping Luminaires, different lighting situations for different occasions, colour temperature, and much more.

Key Features

- Works with DALI-2 D4i drivers or non-D4i drivers, broadcast control
- Can be use for indoor applications

Benefits

- Cost-effective solution for energy savings
- Energy code compliance
- Robust mesh network

Applications

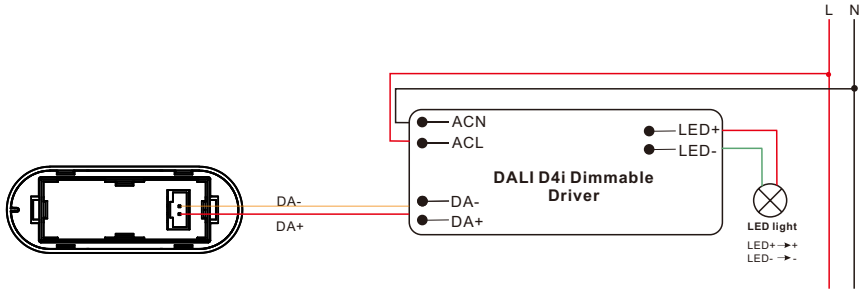
- Residences
- Offices
- Meeting rooms
- Corridors

Product Data

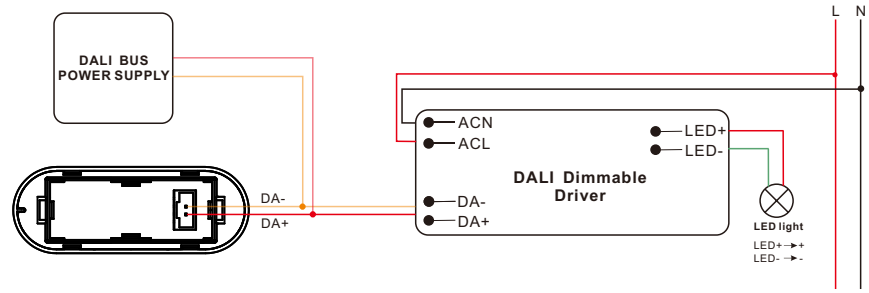
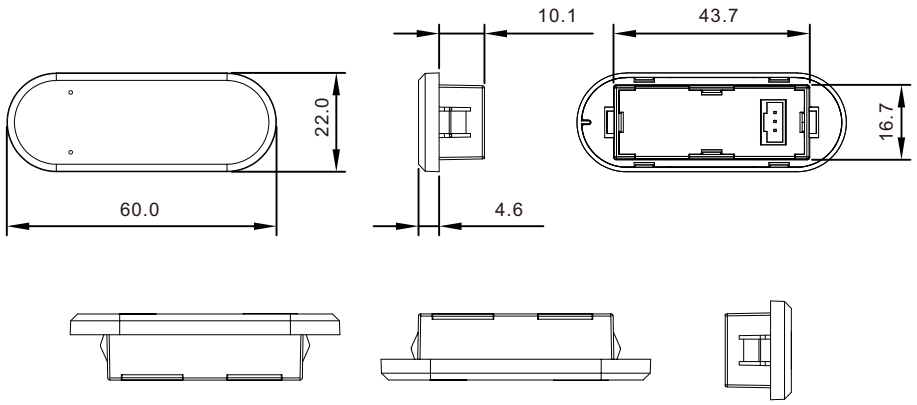
Input		DALI Consumption	Control		Environment		Others
Power	Signal	Current	Dimming Curve	Dimming Method	Operating temperature	Relative humidity	Size
DALI BUS	Bluetooth	Max. 20mA	Logarithmic	DALI	0°C~+45°C	8% to 80%	See dimensions

Wiring Diagram

Working with DALI D4i Driver(Integrated DALI BUS power supply)



Working with DALI System (DALI Bus power supply)



Product Dimension