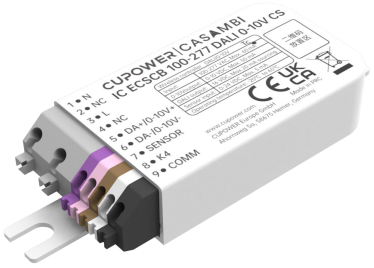
# IC ECSCB 100-277 DALI 0-10V CS

Art. 166732

## Product features

- Bluetooth-controlled Casambi-enabled
- Wide voltage 100 …277 VAC input
- One-channel 0-10 V controller
- Dali-2 controller for individual control of up to 4 DALI groups
- 12 … 24 VDC input for a motion sensor
- Button push dimming
- Utilizes bluetooth mesh technology for reliable and secure wireless communication
- 5 year warranty




## Electrical specifications

| **Mains voltage supply** | |
|---|---|
| Rated input voltage range | 100 … 277 VAC |
| Max. Input current | 0.05 A @ 100 VAC |
| RF transmit power | + 8 dBm |
| Wireless frequency | 2.4 GHz |
| Wireless range (open air) | 50 m |

| **Control output** | |
|---|---|
| Sinking voltage 0-10 V | 0 … 10 VDC |
| Max 0-10V sinking current | 50 mA |
| Output voltage DALI | 12 … 16 VDC |
| Output current DALI | 20 mA |

## Environmental specifications

| | |
|---|---|
| Operating temperature | -20 … +65 °C |
| Storage temperature | -25 … +85 °C |
| Working humidity | 0 … 80 % |
| Storage humidity | 0 … 95 % |
| Lifetime | at Tc 75 °C: 50,000 h @ 100 VAC |
| Maximum Tc temperature | 75 °C |
| Lifetime rating | 50,000 h |
| Moisture and dust rating | IP20 |



Hunan Xiezhen Electronics Co., Ltd.
Block A&B, Building 11, Innovation Park Linyi Road,
Bailutang Town Suxian District, Chenzhou, Hunan - China

CUPOWER Europe GmbH
Ahornweg 5a
58675 Hemer – Germany

Version: 20261111

www.cupower.com Errors excepted. We reserve the right to make alterations in the interest of improving our products.

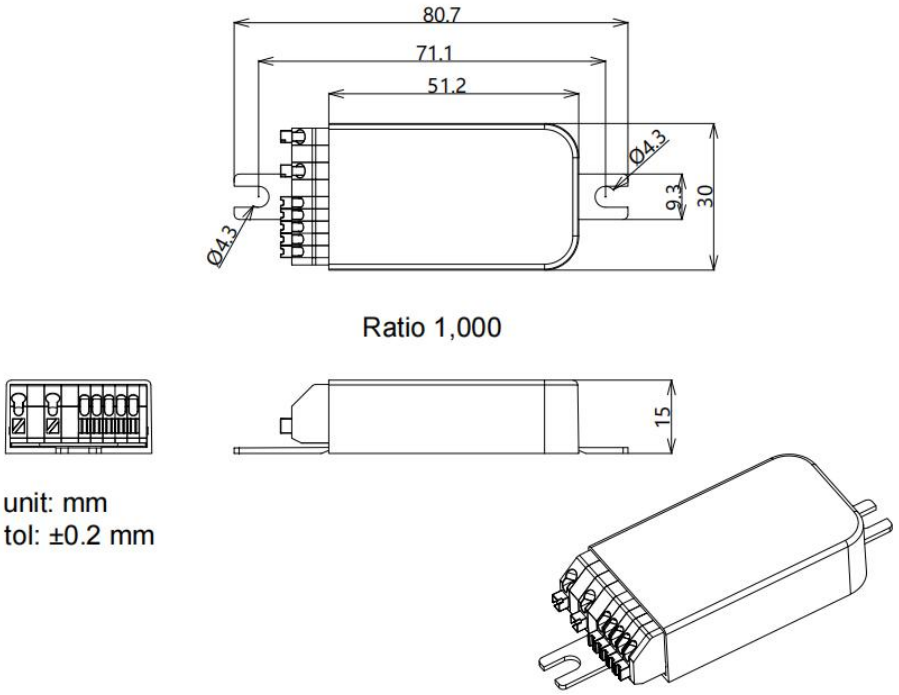
# IC ECSCB 100-277 DALI 0-10V CS

Art. 166732

## Dimensions

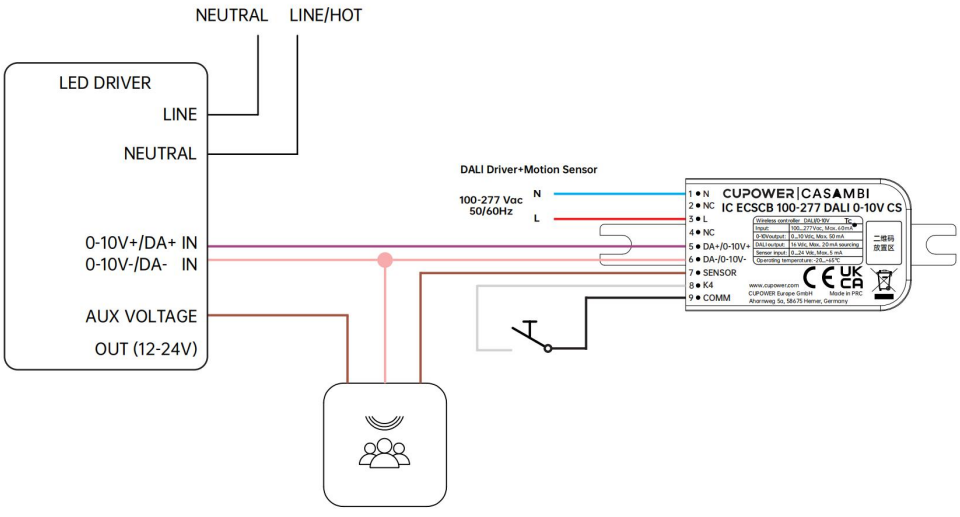
| Housing dimensions | |
|---|---|
| Length (L) | 80.7 mm |
| Width (W) | 30 mm |
| Height (H) | 15 mm |

| Packaging details | |
|---|---|
| Packing Units | 72 pcs. |
| Carton Size | 193 × 172 × 111 mm |
| Carton Weight | 1.9 kg |
| Product Weight | 0.022 kg |




## Applicable wiring diagram

A suitable fixture configuration must be selected before the installation with drivers.






Hunan Xiezhen Electronics Co., Ltd.
Block A&B, Building 11, Innovation Park Linyi Road,
Bailutang Town Suxian District, Chenzhou, Hunan - China

CUPOWER Europe GmbH
Ahornweg 5a
58675 Hemer – Germany

Version: 20261111

www.cupower.com

Errors excepted. We reserve the right to make alterations in the interest of improving our products.

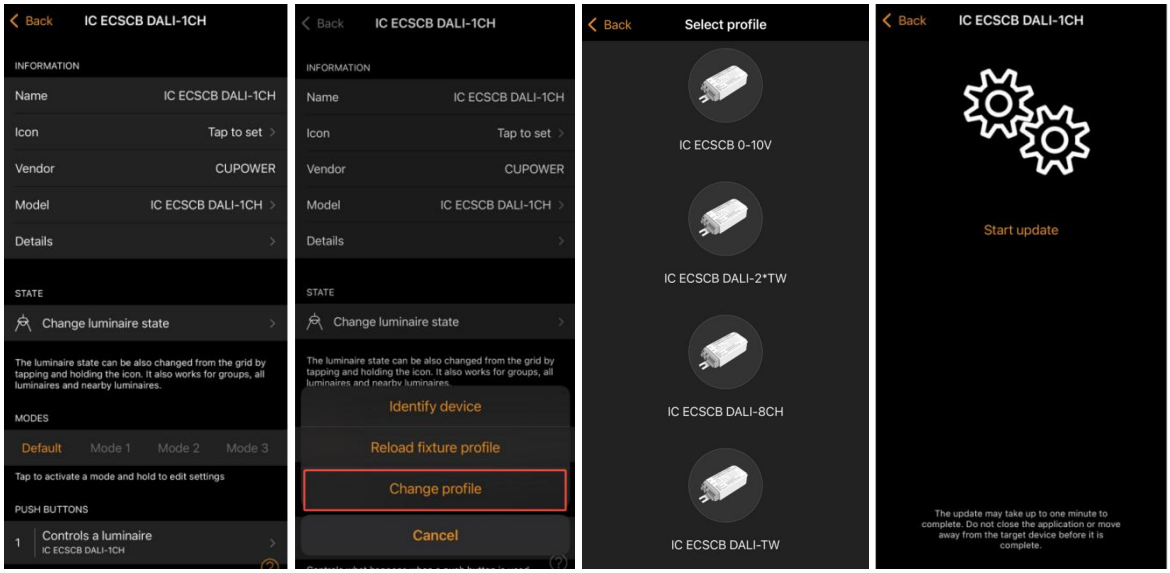
## How to switch the profile

1.Double-click the device icon on the lamp interface → go to the details page.

2.Click on the Model tab.

3.Select Change Profile.

4.Select the target configuration → click Start Update.






Hunan Xiezhen Electronics Co., Ltd.
Block A&B, Building 11, Innovation Park Linyi Road,
Bailutang Town Suxian District, Chenzhou, Hunan - China

CUPOWER Europe GmbH
Ahornweg 5a
58675 Hemer – Germany

Version: 20261111

www.cupower.com Errors excepted. We reserve the right to make alterations in the interest of improving our products.