**Warning!** Hazardous voltages. Risk of electric shock or fire. Only qualified professionals should make the connections. Disconnect the mains power supply and verify its absence prior to installation.

**CBU-ASD**
Bluetooth control unit for LED drivers

**Description**
CBU-ASD (13470100) is a wireless control unit for LED and halogen drivers with 0/1-10V dimming interface.

CBU-ASD is controlled wirelessly with Casambi smartphone and tablet applications using Bluetooth 4.0 protocol. The Casambi app can be downloaded free of charge from Apple App Store and Google Play Store.

Devices form automatically a secure wireless mesh network so that a large number of fixtures can be controlled from any point. No external gateway module is needed. CBU-ASD can be controlled also from a standard on/off wall switches.

**Installation**
Make sure that the mains voltage is switched off when making any connections. Use 0.75-1.5 mm² solid or stranded conductor electrical wires. Strip the wire 6-7 mm from the end.

Insert the wires to the corresponding holes and tighten the connector screw. Make sure to connect the input and outputs correctly. Mains input connector is marked with letters L and N with an arrow pointing inwards, while the mains output connector is marked with letters L and N with an arrow pointing outwards. The low voltage output is marked with + and – symbols.

If you install CBU-ASD into a heat sensitive environment (i.e. inside a luminaire or in a ceiling outlet box above a luminaire), make sure that the ambient temperature does not exceed the specified maximum value.

**Wiring diagram, 0/1-10V drivers powered through external relay**

**Dimensions**

- **Mounting hole diameter:** 2 x 3.5 mm
- **Antenna location:** 22 mm from top

**Note:** CBU-ASD is a built-in class II device. Use double insulated wires or an external mounting box if the device is not mounted inside another insulated device.

**Technical data**

- **Input**
  - Voltage range: 220-240 VAC
  - Frequency: 50 Hz
  - Max. mains current: 0.6 A

- **Mains Output**
  - Voltage range: 220-240 VAC

- **0-10V Output**
  - Voltage range: 0-10 VDC
  - Maximum number of drivers connected: 1 pc

- **Radio transceiver**
  - Operating frequencies: 2.4...2.483 GHz
  - Maximum output power: +4 dBm

- **Operating conditions**
  - Ambient temperature, ta: -20...+50°C (Iout 0 A)
  - Max. case temperature, tc: +70 °C
  - Max. relative humidity: 0...80%, non-cond.

- **Connectors**
  - Wire range, solid & stranded: 0.75-1.5 mm², 14-22 AWG
  - Wire strip length: 6-7 mm
  - Tightening torque: 0.4 Nm/4 Kgf.cm/2.6 Lb-In

- **Mechanical data**
  - Dimensions: 56.5 x 35.8 x 22.3 mm
  - Weight: 48 g
  - Degree of protection: IP20 (indoor use only)
  - Protection class: Built-in Class II

**Disposal Instructions**
In line with EU Directive 2002/96/EC for waste electrical and electronic equipment (WEEE), this electrical product must not be disposed of as unsorted municipal waste.

Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.

**CBU-ASD mains output directly to LED driver mains input**

**Warning!** Risk of fire. Do not connect CBU-ASD mains output directly to LED driver mains input.

**Note:**
1. CBU-ASD is a built-in class II device. Use double insulated wires or an external mounting box if the device is not mounted inside another insulated device.
2. Connect only one LED driver (0/1-10V driver) to one DIM Module

**Input**

<table>
<thead>
<tr>
<th>Voltage range</th>
<th>220-240 VAC</th>
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<tbody>
<tr>
<td>Frequency</td>
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</tr>
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</tr>
</tbody>
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**Output**

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**0-10V Output**

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</tr>
</tbody>
</table>

**Connectors**

| Wire range, solid & stranded | 0.75-1.5 mm², 14-22 AWG |
| Wire strip length            | 6-7 mm                   |
| Tightening torque            | 0.4 Nm/4 Kgf.cm/2.6 Lb-In|

**Mechanical data**

| Dimensions          | 56.5 x 35.8 x 22.3 mm |
| Degree of protection| IP20 (indoor use only) |
| Protection class    | Built-in Class II     |

**Disposal Instructions**
In line with EU Directive 2002/96/EC for waste electrical and electronic equipment (WEEE), this electrical product must not be disposed of as unsorted municipal waste.

Please dispose of this product by returning it to the point of sale or to your local municipal collection point for recycling.