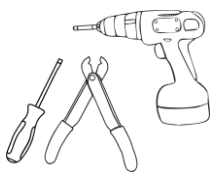
SMARTBRIDGE 200 W LED DRIVER

INSTALLATION GUIDE FOR MODEL: BPSS-200-12/24V.1-B5C-C

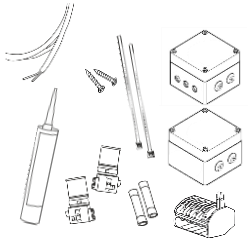
READ THE INSTRUCTIONS CAREFULLY BEFORE MOUNTING

- Power supply operating temperature is from -40 to +60 °C. To ensure adequate ventilation, mounting power supplies without a secondary enclosure is recommended.
- Space power supplies by standard knockout locations 19 mm minimum. If two or more power supplies are used, spacing must be at least 25 mm end-to-end, and 102 mm on each side. Power supply spacing to thermoplastic, wood, fibre, or other combustible enclosure materials must be 25 mm.
- Ensure power supplies are not overloaded by verifying :

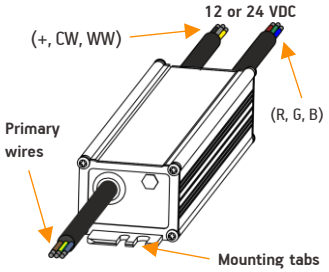
FOR	OUTPUT CURRENT IS	FOR BEST PERFORMANCE RECCOMENDING
12V	< 16.67 A	< 13.34 A
24 V	< 8.33 A	< 6.66 A



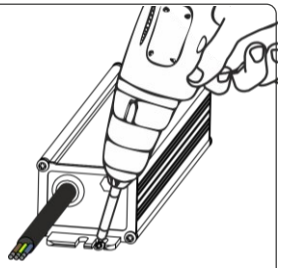
Tools reguired. Wire strippers, drill, screwdriver.



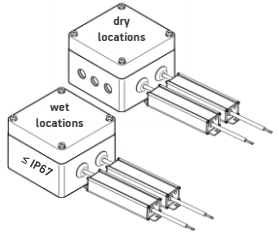
Supplies reguired. Junction box, ST 4.2 or ST 4.8 pan head screws, cable, electrical wire connectors, silicone.



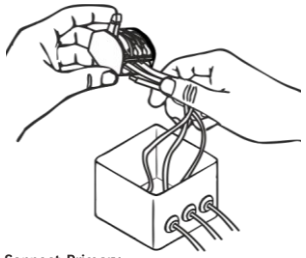
1. **Identify** primary wires, secondary wires, and location of mounting tabs.



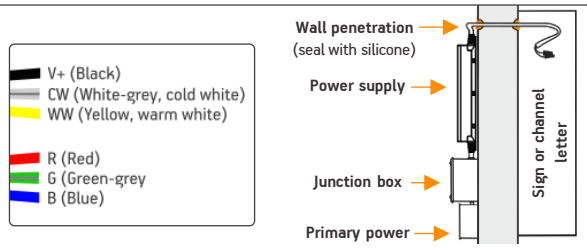
2. **Mount power supplies:** use mounting tab in corner to secure power supply.



3. **Configure power supplies:** secure power supplies to junction box. Power supplies may be joined together in a wide array of configurations. For wet locations use a junction box that has IP class for wet locations.



4. **Connect Primary**.
CAUTION: Have a licensed electrician connect primary input



5. **Make secondary connections:** Ensure all secondary connections are secure before proceeding. Connect the product's positive wire to the Black wire on the power supply. Connect the product's negative wire to one of the five channels based on your requirement. If wires go through wall - seal with silicone to avoid water damage. Also check and fix with gasket or other rubber material sharp edges because it can damage the wire and there could occur short circuit connections

TROUBLESHOOTING

If the power supply does not operate, follow these recommended steps:

1. Disconnect the power supply from the mains.
2. Using a multimeter in continuity mode, check the LED module chain for a possible short circuit.
3. If a continuity signal is detected (short circuit present), locate and eliminate the cause before reconnecting.
4. Connect the PSU to mains without any load connected and measure the output voltage (12V / 24V).
5. If no output voltage is present, disconnect from mains and inspect terminal connections.
6. If output voltage is present, check terminal connections and wiring on the LED module side.

If the power supply does not operate correctly after performing the above checks:

- Do not attempt to open or repair the unit.
- Disconnect it from mains power.
- Contact your supplier for further evaluation.

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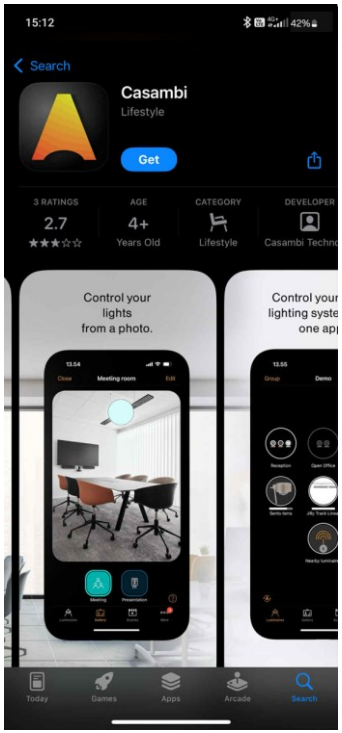
SMARTBRIDGE 200 W LED DRIVER

INSTALLATION GUIDE FOR MODEL: BPSS-200-12/24V.1-B5C-C

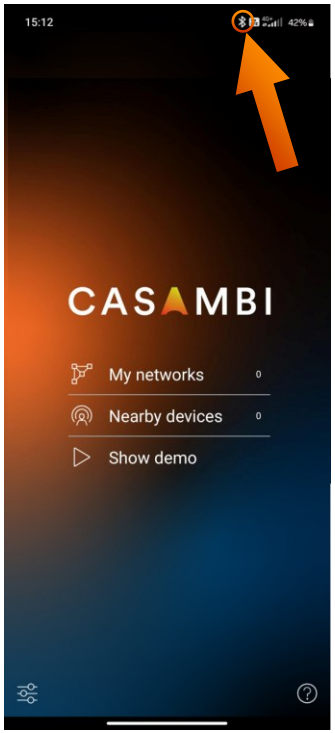
CONNECTING TO THE APP VIA BLUETOOTH



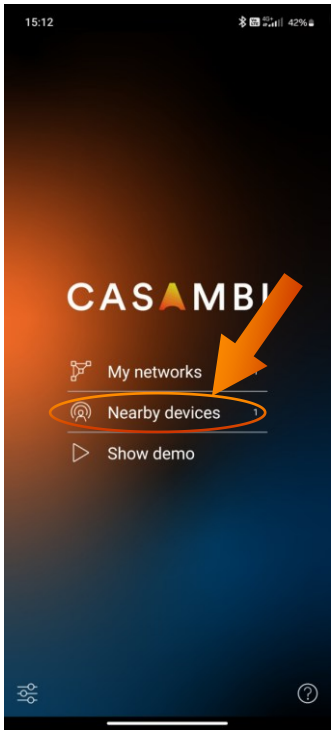
1. **Download the App**
Open the App Store or Google Play Store on your device and download the Casambi app.

Download on the App Store

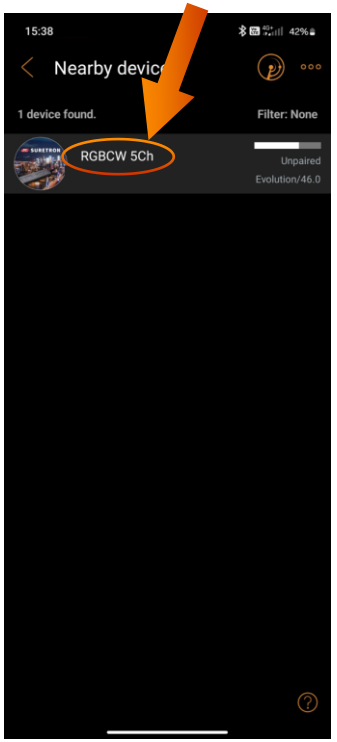
GET IT ON Google Play



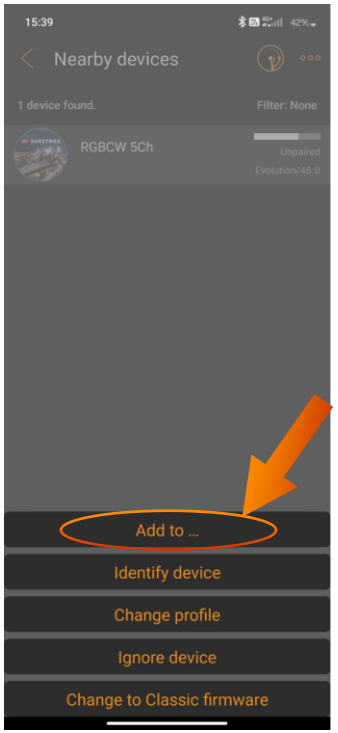
2. **Turn on Bluetooth and enable GPS**
Ensure Bluetooth is enabled on your device and grant the required location permissions



3. **Select „Nearby devices“**
Ensure the Smartbridge power supply is powered on, then select **Nearby devices.**
**After entering the app, the nearby dveice might pop up automatically*



4. **Choose the device to be added**



5. **Select „Add to“**

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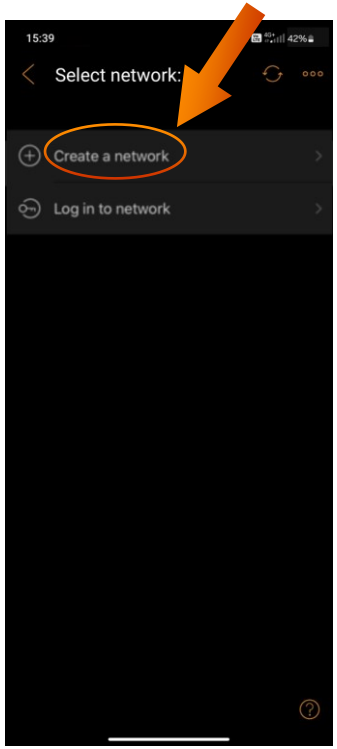
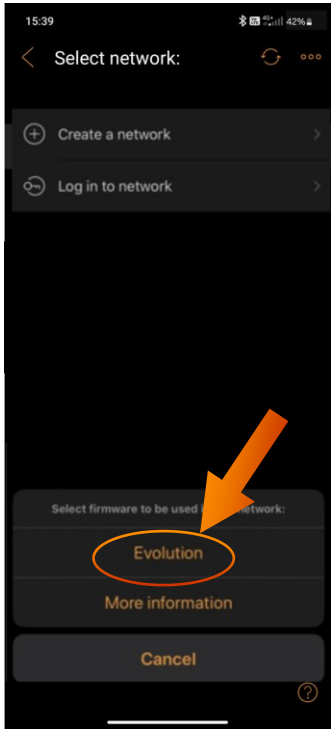
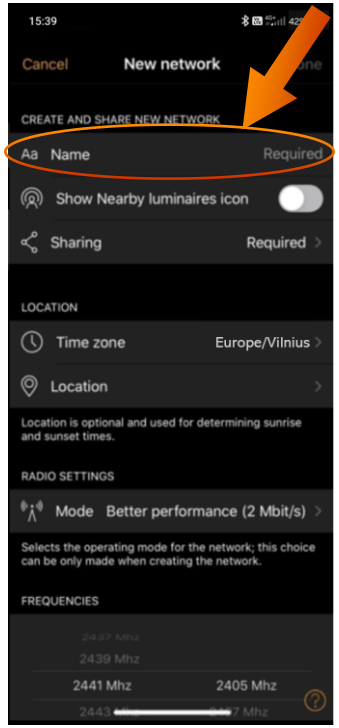


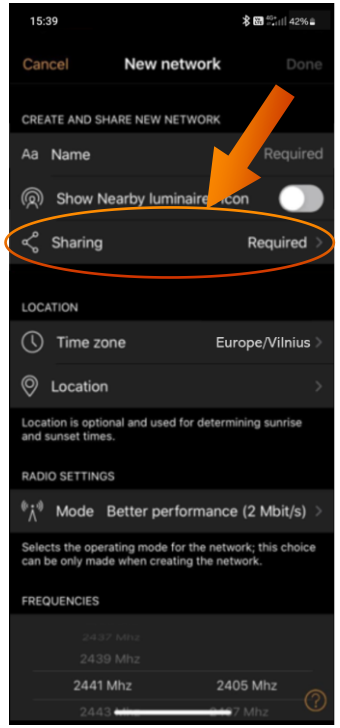
6. **Select „Create a network“**



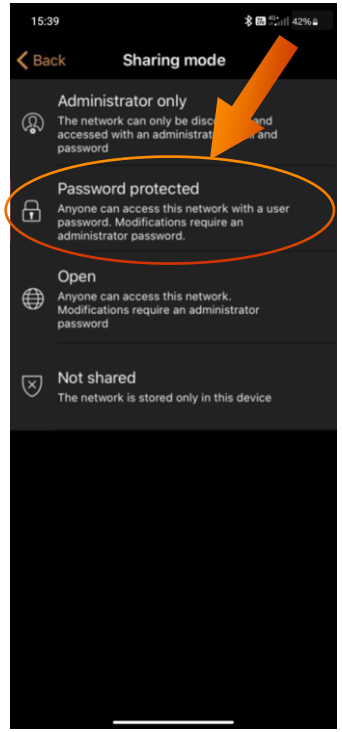
7. **Select „Evolution“**



8. **Name the network (required)**



9. **Select „Sharing“**



10. **Select „Pasword protected“**
and return

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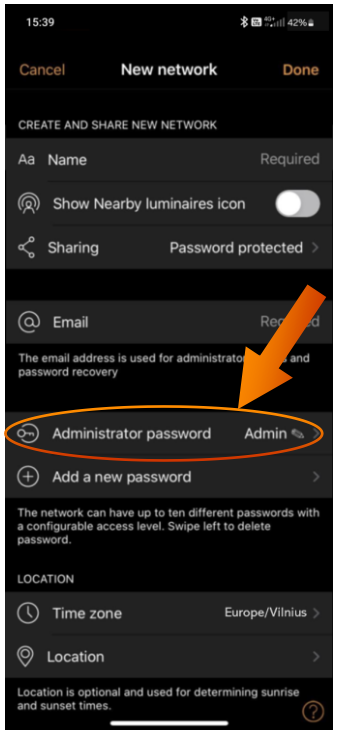
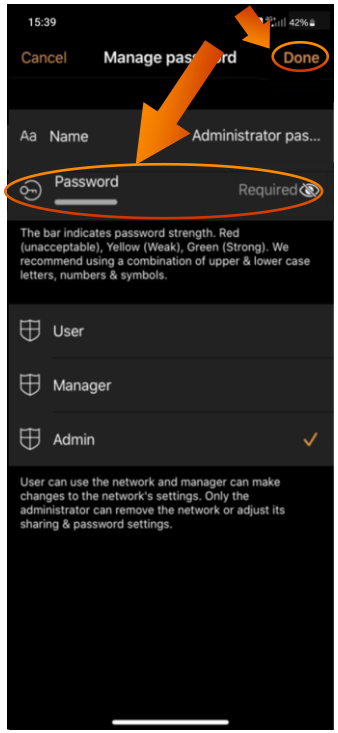
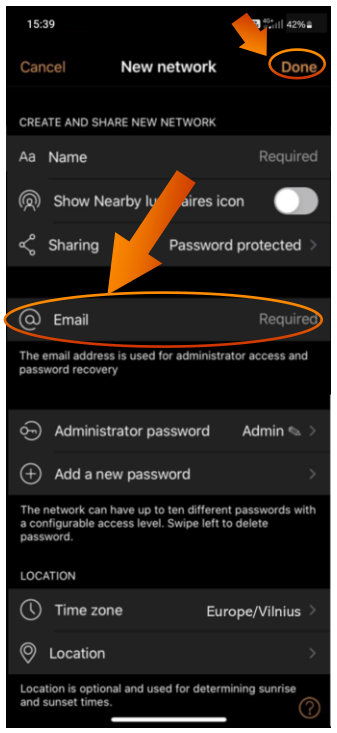


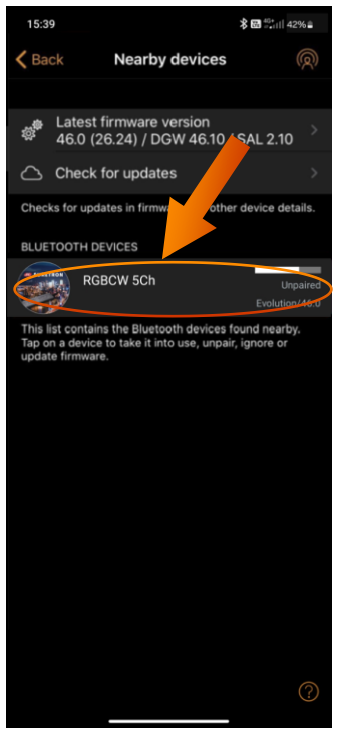
11. **Select „Administrator Password“**



12. **Fill in your password and select „Done“**



13. **Fill in your email address (required) and select „Done“**



NOTE:
After creating a network for the first time, you ned to pair devices again. You can select the device you want to pair with in the nearby devices, select „**Add to**“, and select the network you created last time. The pairing is successful

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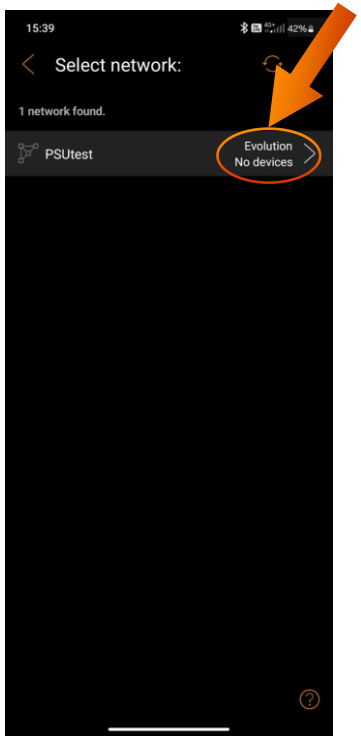
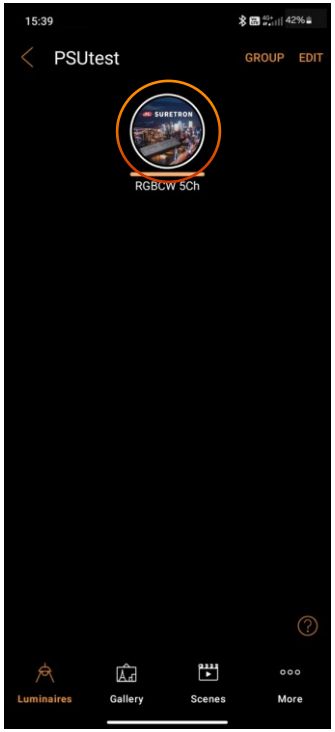


14. Select the network
Choose the network you created



15. Wait for the device to load
Wait until the device is fully loaded in the app

16. Start Controlling
Once it's loaded, the power supply is ready to be controlled via the Casambi app.

Bluetooth Setup Requirements

- For Bluetooth pairing, ensure Bluetooth and GPS are enabled on your device. An internet connection (Wi-Fi or mobile data) is required for initial setup.
- Once connected via Bluetooth, the PSU can only be controlled through Bluetooth and GPS must remain enabled.

Unpairing the Device from the Network

A. Device in Your Own Network
1. Method 1: In the app, go to More → Nearby devices → select the device → Unpair device.
2. Method 2: On the control page, tap Edit → tap the "x" on the device → confirm Yes.

B. Device in Another User's Network
1. In Nearby devices, select the device → Unpair device.
2. Tap Start (an orange progress bar appears).
3. Immediately turn off power, wait seconds, then turn power back on before the orange bar runs out.
4. If unpairing is successful, a confirmation message will appear.

If not, increase the load to more than 30%, wait over 5 seconds before turning power back on, and repeat the process.

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