



Admin account and Utility app



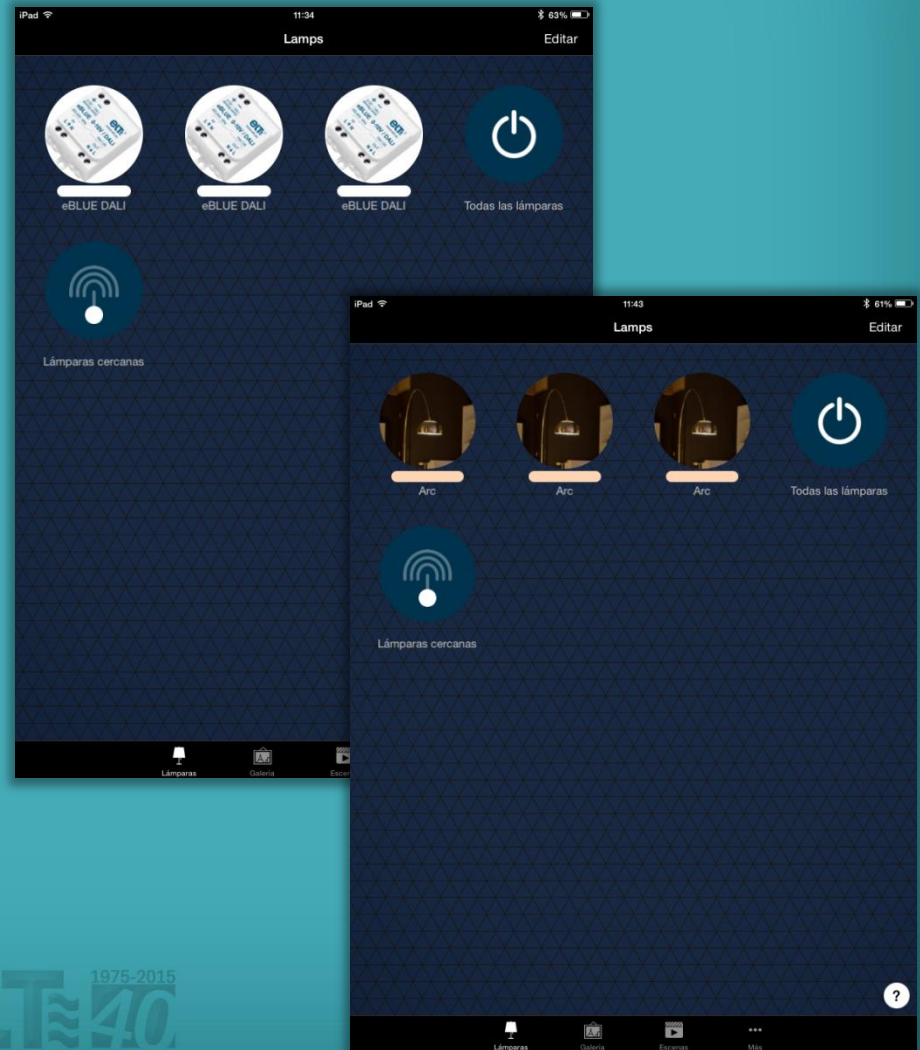
# Admin account

The eBLUE units are delivered with the standard **DALI stand-alone** configuration. It is possible to change the configuration and other details with Casambi admin account and Utility app.

You can create your own fixtures in our internet pages and then configure the eBLUE units according to that.

With the standard configuration the Casambi app will display the standard icon and details, but after configuration your own fixture icon and details are shown.

By creating your own fixture you can also adjust eBLUE to work best with your product.



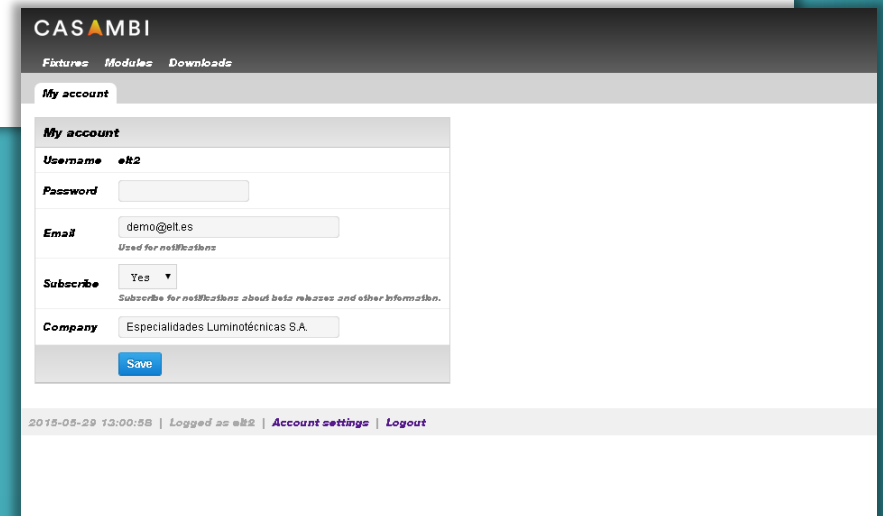
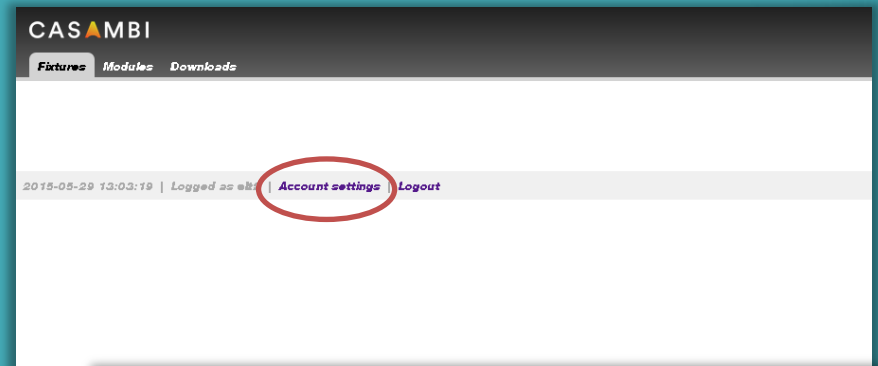
# Admin account

You can request an admin account from [tecnico@elt.es](mailto:tecnico@elt.es)

After the account has been created for you, you will receive an email with log in credentials.

Go to the page <https://casambi.com/admin/> and log in with your username and password.

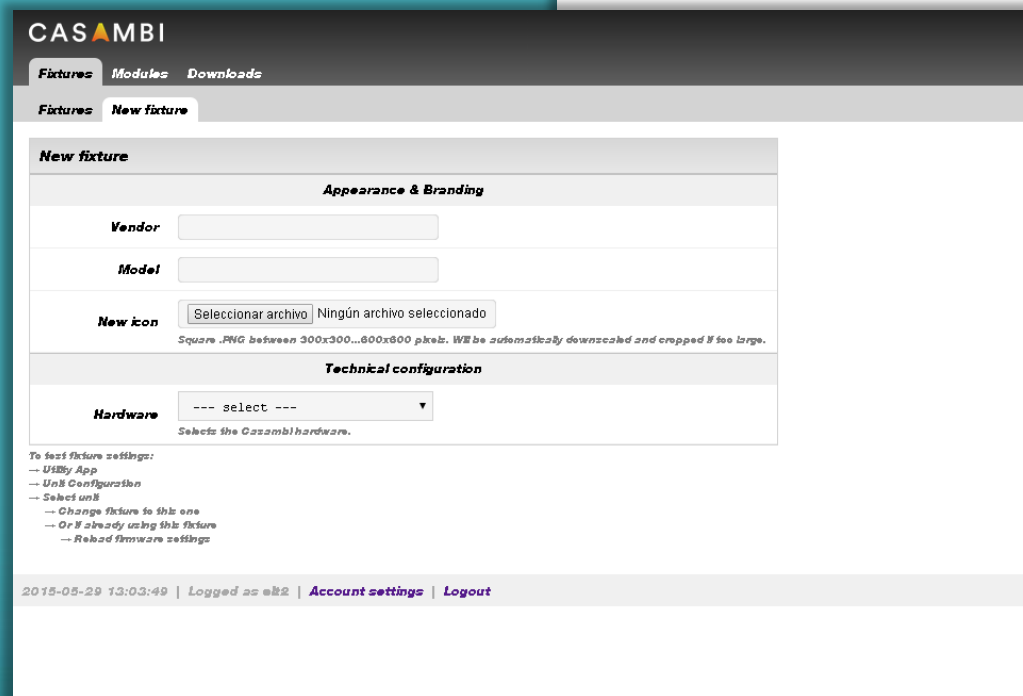
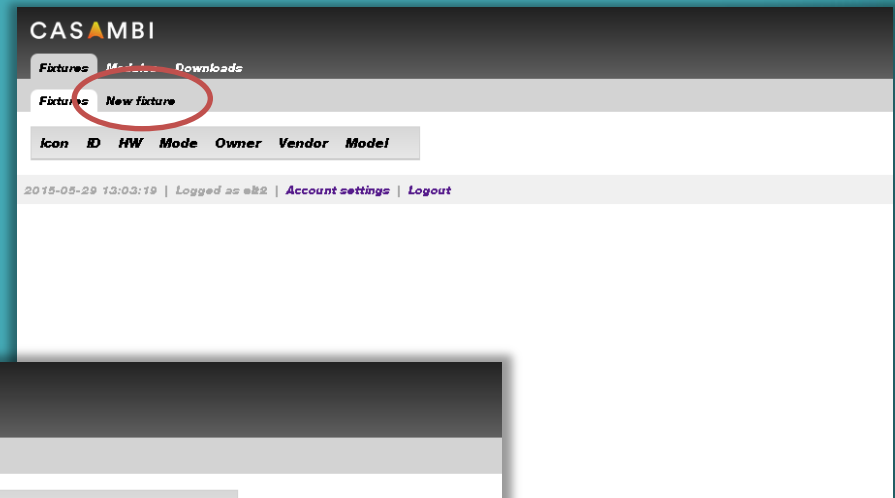
Please change your password when you first log in. Click on **'Account settings'** on the bottom and the **'My account'** screen will open.



# Creating a fixture

In Casambi admin pages you can create custom fixtures that will be visible in Casambi app for smart devices.

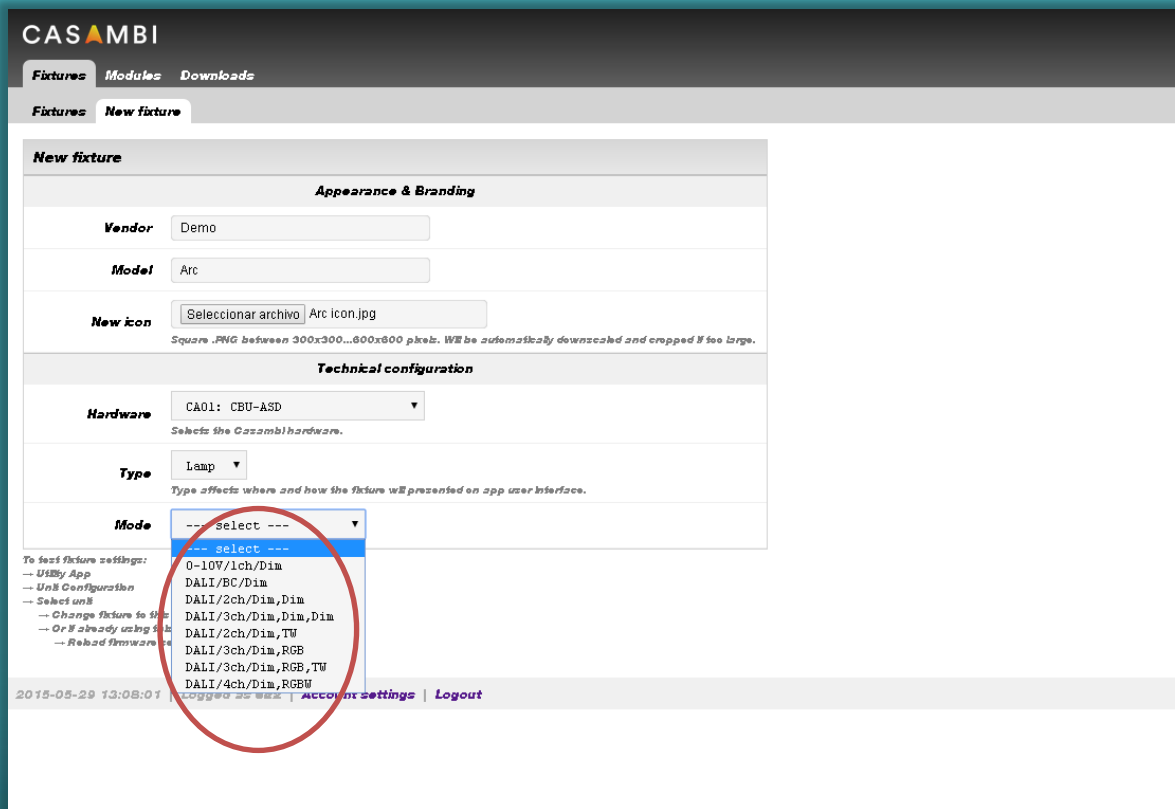
Go to the 'Fixtures' tab and click on 'New fixture'.



The screenshot shows the 'New fixture' form in the CASAMBI admin interface. The form is divided into two main sections: 'Appearance & Branding' and 'Technical configuration'.  
**Appearance & Branding:**  
- **Vendor:** A text input field.  
- **Model:** A text input field.  
- **New icon:** A file selection button labeled 'Seleccionar archivo' and a status 'Ningún archivo seleccionado'. Below it, a note reads: 'Square .PNG between 300x300...600x600 pixels. Will be automatically downscaled and cropped if too large.'  
**Technical configuration:**  
- **Hardware:** A dropdown menu with '--- select ---' and a downward arrow. Below it, a note reads: 'Selects the Casambi hardware.'  
At the bottom of the form, there is a section titled 'To test fixture settings:' with the following instructions:  
- Use By App  
- Use Configuration  
- Select until  
- Or if already using this fixture  
- Rebad firmware settings  
At the bottom of the page, there is a status bar showing the date and time '2015-05-29 13:03:49', the user 'Logged as e12', and links for 'Account settings' and 'Logout'.

# Creating a fixture

Fill in the fixture details, 'Mode' (default mode is 0-10V), 'Vendor' and 'Model'. You can also add an icon for your fixture. Note that the icon should be between 300x300 ... 600x600 pixels.



**CASAMBI**

Fixtures Modules Downloads

Fixtures **New fixture**

### New fixture

**Appearance & Branding**

**Vendor** Demo

**Model** Arc

**New icon**  Arc icon.jpg  
Square .PNG between 300x300...600x600 pixels. Will be automatically downscaled and cropped if too large.

**Technical configuration**

**Hardware** CA01: CBU-ASD  
Selects the Casambi hardware.

**Type** Lamp  
Type affects where and how the fixture will be presented on app user interface.

**Mode**

- select --
- 0-10V/1ch/Dim
- DALI/BC/Dim
- DALI/2ch/Dim,Dim
- DALI/3ch/Dim,Dim,Dim
- DALI/2ch/Dim,TW
- DALI/3ch/Dim,RGB
- DALI/3ch/Dim,RGB,TW
- DALI/4ch/Dim,RGBW

To test fixture settings:  
-- USB by App  
-- USB Configuration  
-- Select on UI  
-- Change fixture to this  
-- Or if already using this  
-- Reload firmware

2015-05-29 13:08:01 | logged as user | [Account settings](#) | [Logout](#)

# Creating a fixture

There are also several technical configuration options. With these options it is possible to optimize your fixture to work best with ELT eBLUE unit.

For example you can adjust the dimming curve and set the color temperature minimum and maximum values.

After you have made all the desired settings click on 'Create fixture' button.

The screenshot displays a configuration interface for a fixture. The settings are as follows:

- Mode:** DALI/2ch/Dim,TW (Two channel/warm/cool/white)
- Warm white:** 3000 (Kelvin value of warm white led)
- Cool white:** 5700 (Kelvin value of cool white led)
- Relay mode:** Normal
  - Normal relay will switch ON and OFF based on dimming level.
  - Always ON: relay is switched ON in startup, and kept always ON after that.
- Power on delay:** 0 in 1/100s (Delay after relay is switched ON and start of dimming. When cold booting, some LED drivers (especially DALI) require a small delay before it can accept commands. [Diagram](#))
- Power off advance:** 0 in 1/100s (Specifies the advance time when the relay is switched off when fading out to 0%. This gives a small time window to drive the LED with driver capacitors, thus emptying them and preventing the after glow. This should be chosen with care. [Diagram](#))
- Dimming duration:** 100 in 1/100s (Duration for doing 100% dim adjustment. Zero for no smearing.)
- Dim/Save duration:** 800 in 1/100s (Duration for doing Dim & Save adjustment. Between 500 and 2000.)
- Warm White channel Address 0:** [Empty field] [Clear](#) | [Edit](#) (Dimming curve adjustment. Generated values can be copy/pasted. Empty field indicates linear response.)
- Cool White channel Address 1:** [Empty field] [Clear](#) | [Edit](#) (Dimming curve adjustment. Generated values can be copy/pasted. Empty field indicates linear response.)
- Warm White Ratio:** 0.0000,1.0000,0.2500,0.7500,0.7500,0.2500,1.0000 [Clear](#) | [Edit](#) (Ratio of warm white to mix over temperature range (0% warmest, 100% coolest))
- Cool White Ratio:** 0.0000,0.0000,0.2500,0.2500,0.7500,0.7500,1.0000 [Clear](#) | [Edit](#) (Ratio of cool white to mix over temperature range (0% warmest, 100% coolest))

The 'Create fixture' button at the bottom is circled in red.

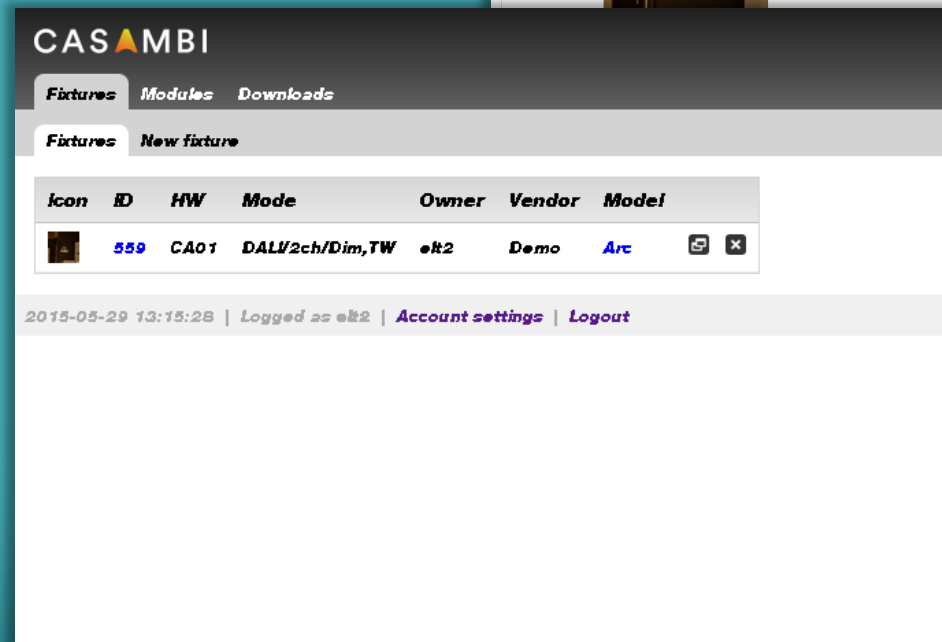
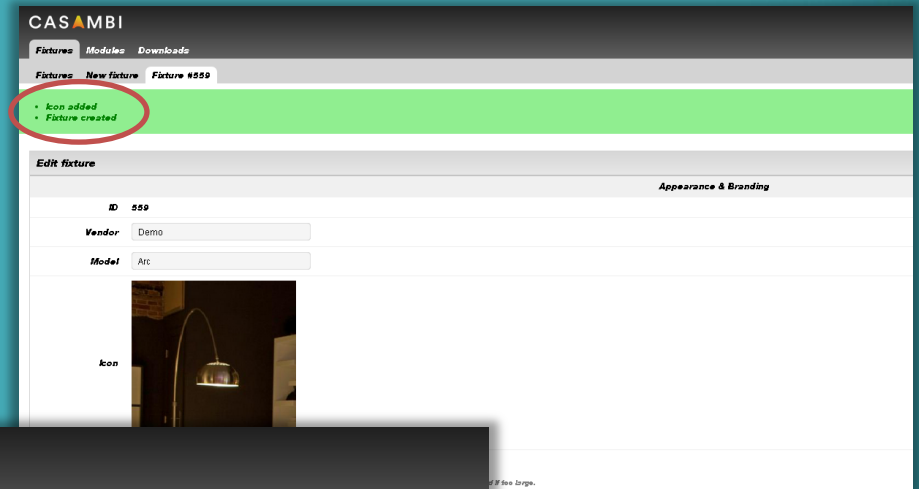
To fast fixture settings:  
-- USB by App  
-- Use Configuration  
-- Select unit  
-- Change fixture to this one  
-- Or if already using this fixture  
-- Reload firmware settings

# Creating a fixture

You will get **notification** that your fixture has been created.

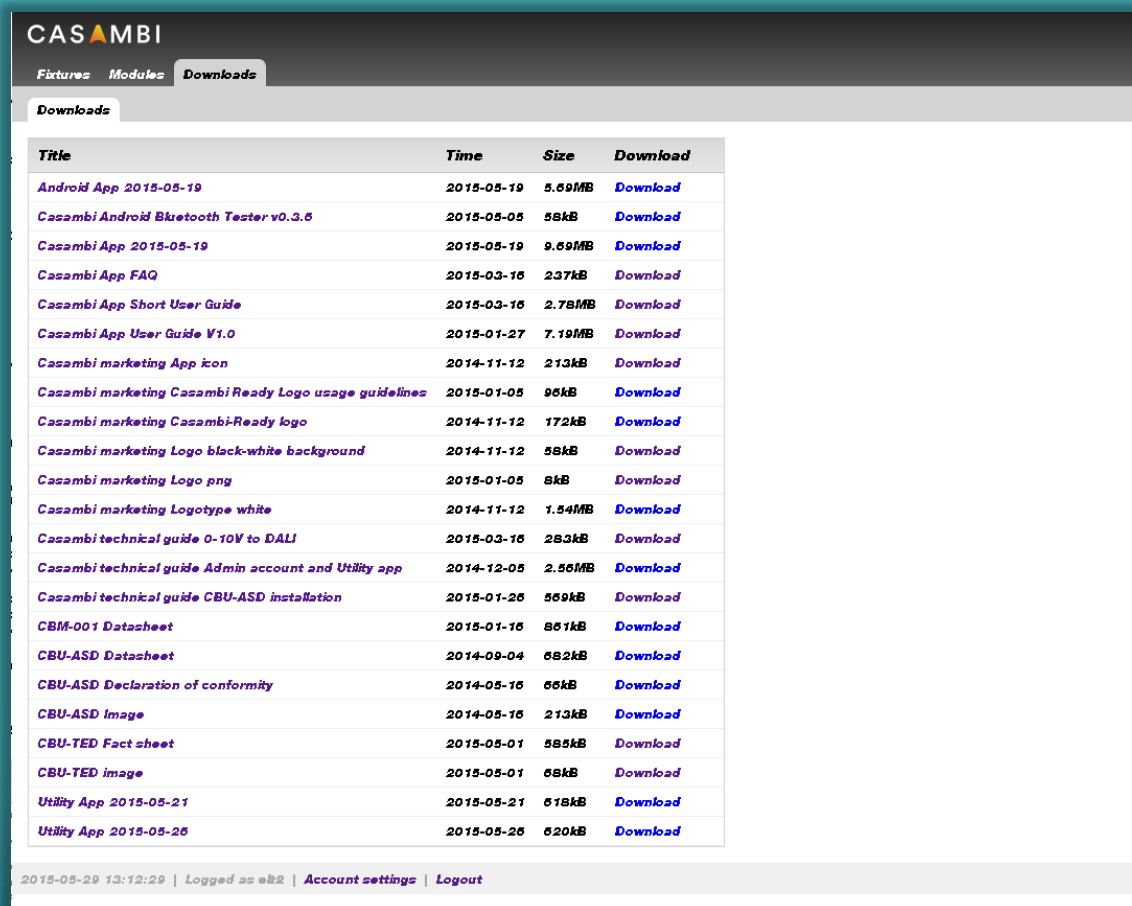
You can also edit the fixture settings if needed.

Now your new fixture is in the list on the 'Fixtures' tab.



# Creating a fixture

From the 'Downloads' tab you can find useful documents. For example the Datasheet and Quick Start User guides.



The screenshot shows the CASAMBI website's 'Downloads' tab. The page features a navigation menu with 'Fixtures', 'Modules', and 'Downloads'. Below the navigation, there is a table listing various documents available for download. The table has four columns: 'Title', 'Time', 'Size', and 'Download'. The documents listed include app guides, marketing materials, and technical guides.

Title	Time	Size	Download
<a href="#">Android App 2015-05-19</a>	2015-05-19	5.69MB	<a href="#">Download</a>
<a href="#">Casambi Android Bluetooth Tester v0.3.6</a>	2015-05-05	58kB	<a href="#">Download</a>
<a href="#">Casambi App 2015-05-19</a>	2015-05-19	9.69MB	<a href="#">Download</a>
<a href="#">Casambi App FAQ</a>	2015-03-16	237kB	<a href="#">Download</a>
<a href="#">Casambi App Short User Guide</a>	2015-03-16	2.78MB	<a href="#">Download</a>
<a href="#">Casambi App User Guide V1.0</a>	2015-01-27	7.19MB	<a href="#">Download</a>
<a href="#">Casambi marketing App icon</a>	2014-11-12	213kB	<a href="#">Download</a>
<a href="#">Casambi marketing Casambi Ready Logo usage guidelines</a>	2015-01-05	96kB	<a href="#">Download</a>
<a href="#">Casambi marketing Casambi-Ready logo</a>	2014-11-12	172kB	<a href="#">Download</a>
<a href="#">Casambi marketing Logo black-white background</a>	2014-11-12	58kB	<a href="#">Download</a>
<a href="#">Casambi marketing Logo png</a>	2015-01-05	8kB	<a href="#">Download</a>
<a href="#">Casambi marketing Logotype white</a>	2014-11-12	1.54MB	<a href="#">Download</a>
<a href="#">Casambi technical guide 0-10V to DALI</a>	2015-03-16	283kB	<a href="#">Download</a>
<a href="#">Casambi technical guide Admin account and Utility app</a>	2014-12-05	2.56MB	<a href="#">Download</a>
<a href="#">Casambi technical guide CBU-ASD installation</a>	2015-01-26	569kB	<a href="#">Download</a>
<a href="#">CBM-001 Datasheet</a>	2015-01-16	861kB	<a href="#">Download</a>
<a href="#">CBU-ASD Datasheet</a>	2014-09-04	682kB	<a href="#">Download</a>
<a href="#">CBU-ASD Declaration of conformity</a>	2014-05-16	66kB	<a href="#">Download</a>
<a href="#">CBU-ASD Image</a>	2014-05-16	213kB	<a href="#">Download</a>
<a href="#">CBU-TED Fact sheet</a>	2015-05-01	585kB	<a href="#">Download</a>
<a href="#">CBU-TED image</a>	2015-05-01	68kB	<a href="#">Download</a>
<a href="#">Utility App 2015-05-21</a>	2015-05-21	618kB	<a href="#">Download</a>
<a href="#">Utility App 2015-05-26</a>	2015-05-26	620kB	<a href="#">Download</a>

2015-05-29 13:12:29 | Logged as e#2 | [Account settings](#) | [Logout](#)



# App Utility

Once you have created a new fixture in <https://casambi.com/admin/> pages you can take the configuration into use with Utility app.

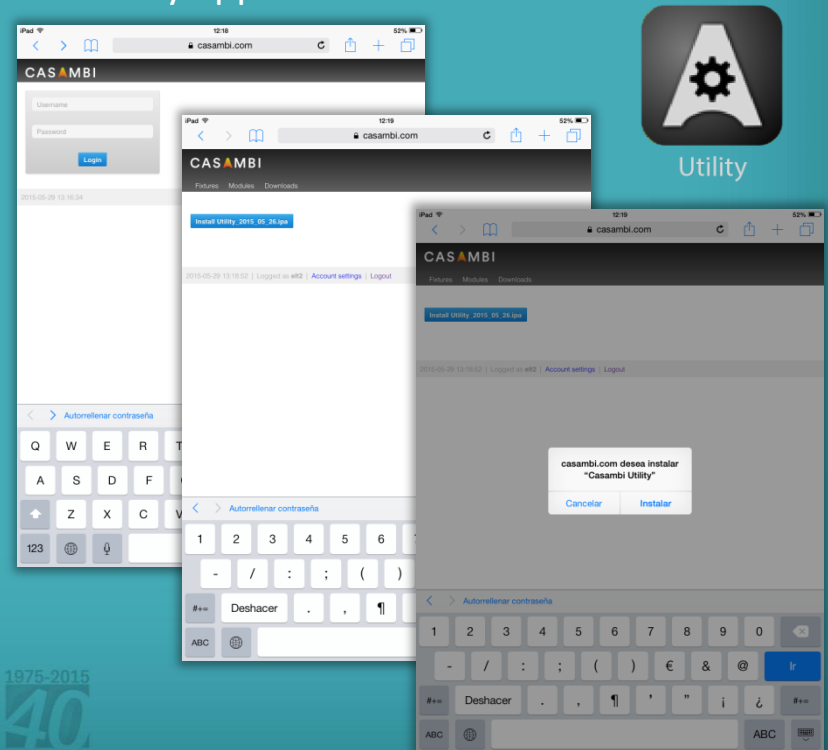
Utility app is designed for configuring eBLUE units. The supported devices are: **iPhone 4S** or later, **iPad Mini** or later, **iPad 3** or later and **iPod touch 5<sup>th</sup> gen** or later. It will also work with iPad but it is not optimized for it. Unfortunately there is no support for Android devices.

Go to web page <https://casambi.com/admin/> with your iOS smart device i.e. iPhone or iPad and log in with your admin account credentials.

After log in you will see a 'Install Utility app' button. Tap the button and there will be a dialog

asking your permission to install the 'Casambi Utility'. Select Install and the installation will start.

Once the installation is complete open the Utility app.

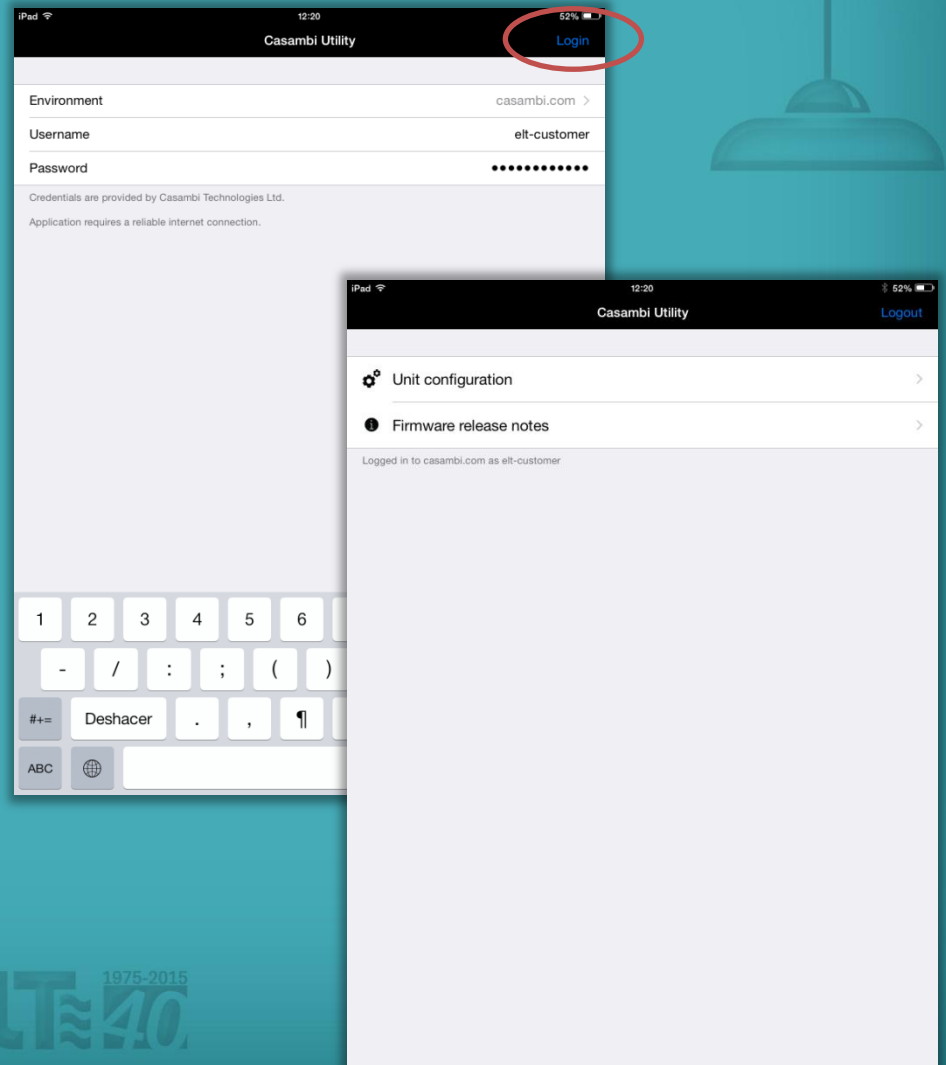


# App Utility

Log in to the Utility app with your admin account credentials. The 'Environment' setting should be **casambi.com**. After inserting your credentials tap '**Login**' in the top right corner.

After log in you can see 'Casambi Utility' screen.

To configure a single unit choose 'Unit configuration'.

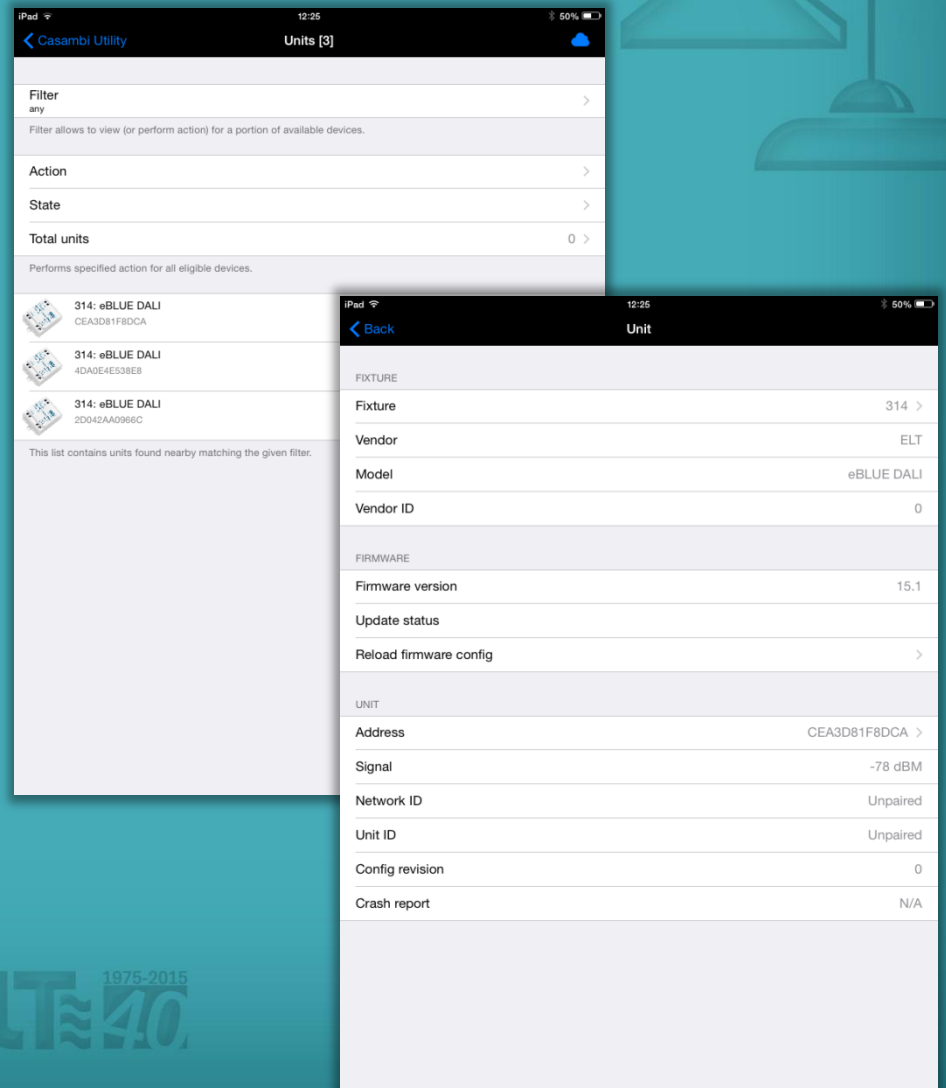


# Unit configuration

If you selected the 'Unit configuration' option the 'Units' screen will open and you can see all the powered units that are found. If there is an arrow on top of a unit it means that there is a firmware update available for the unit. Select the unit you want to configure.

After selection the 'Unit' screen will open. In this screen you can see detailed information about the selected eBLUE unit.

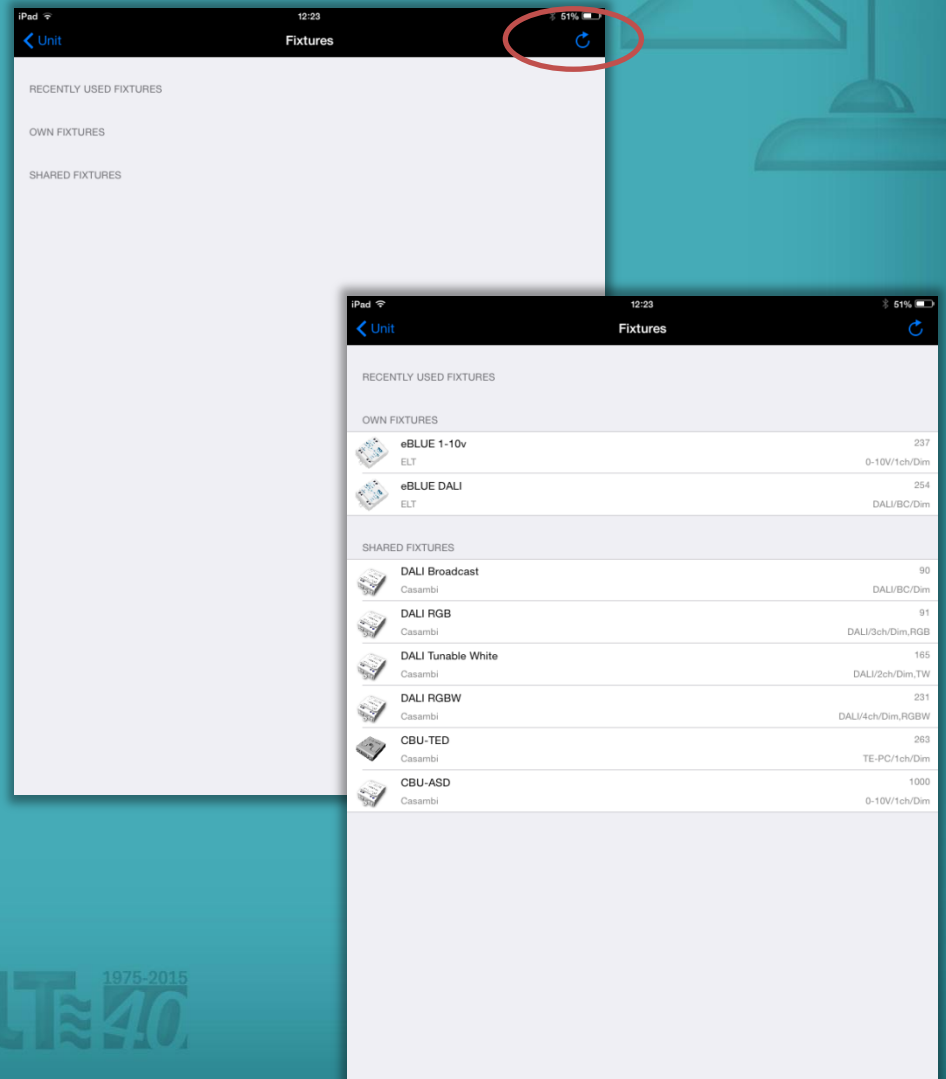
To change the fixture type tap on the 'Fixture' text. The default setting is 'Fixture' 314, eBLUE DALI.



# Unit configuration

After tapping on the 'Fixture' text the app will open the 'Fixtures' screen. If the screen is empty please tap on the **update button** on the top right corner.

In the 'Fixtures' screen you can see all the fixture types available and you can select the fixture that you created in the <https://casambi.com/admin/> pages.

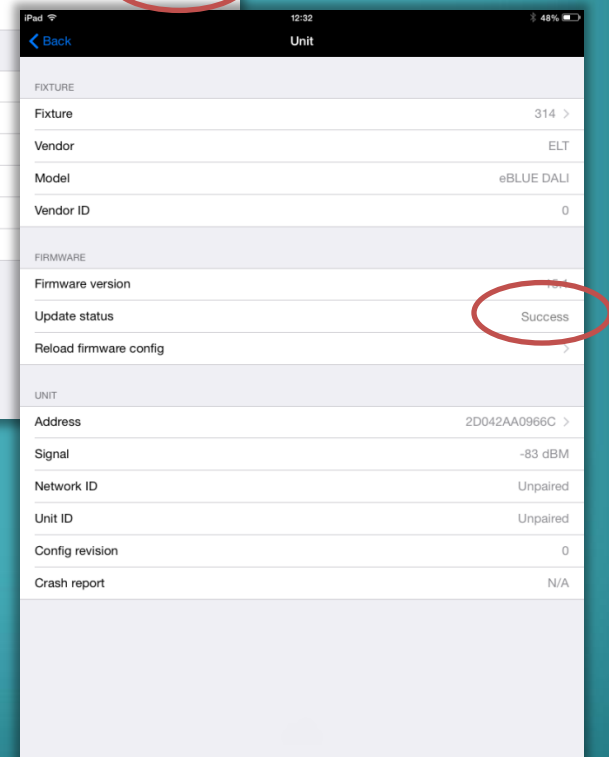
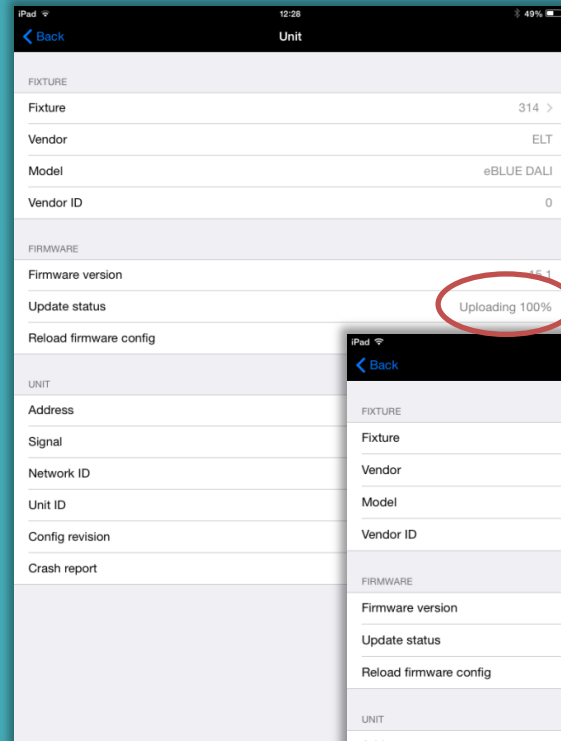


# Unit configuration

After selecting the fixture type the 'Unit' screen will open again and you can see the **update status**.

If the update succeeded there is text '**Success**'. If the update failed for some reason just repeat the steps above.

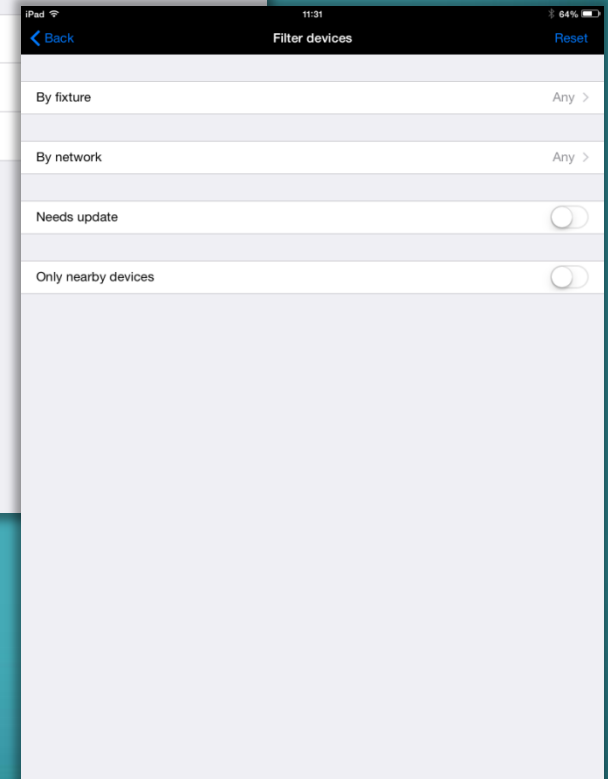
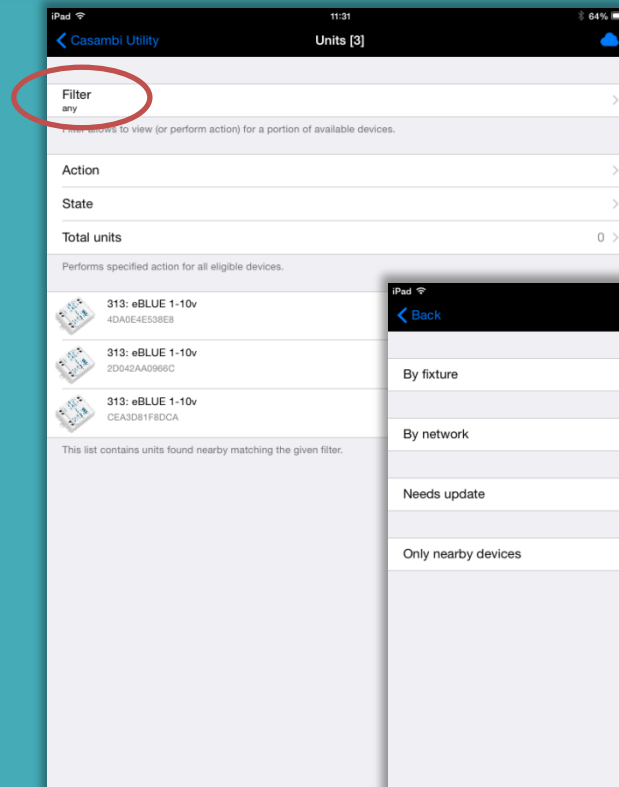
After successful update go back to the 'Units' screen. If you want to configure other units just power them on and repeat the steps.



# Fixture manufacturing

After selecting the 'Unit configuration' option, the 'Units' screen will open and you will see all the powered units that can be found nearby.

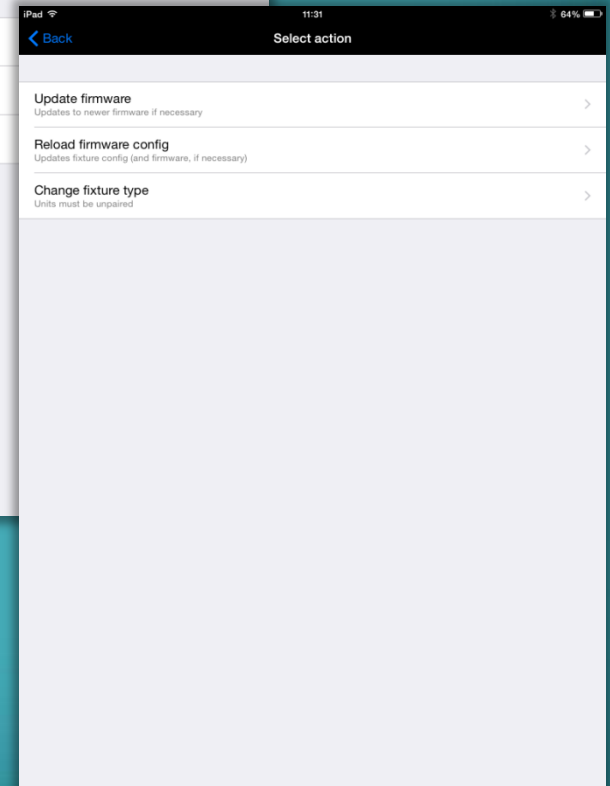
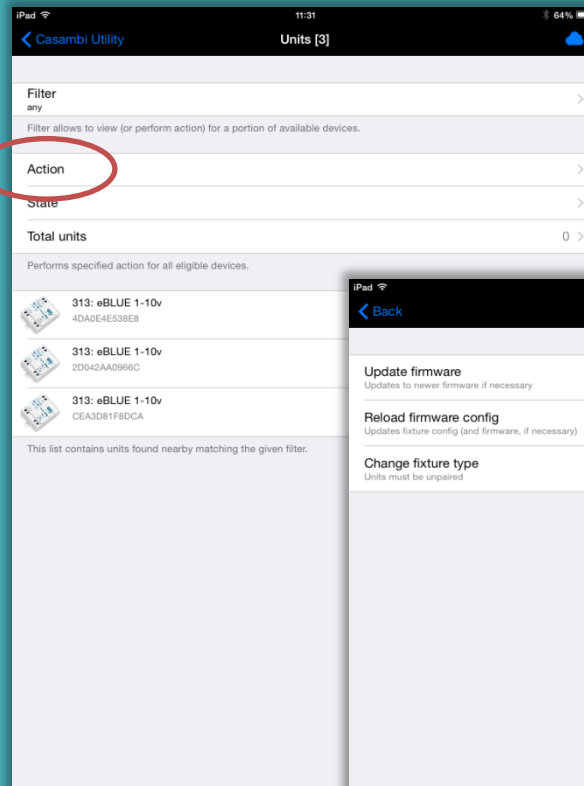
The listed units may be filtered according to different parameters. After tapping on the '**Filter**' option, you could differentiate between units that have the same fixture ('By fixture'), belong to the same network ('By network'), need to update their fixture ('Needs update') or even the nearby devices which are closer to your smartphone / tablet ('Only nearby devices').



# Fixture manufacturing

Once the units that are about to be configured have been filtered, the desired process to be carried out can be selected by tapping on the “**Action**” option.

It is possible to update the firmware (‘Update firmware’), reload the current firmware (‘Reload firmware config’) and even change the unit fixture (‘Change fixture type’). All these changes will be carried out on a massive way in the listed units that have been previously filtered.



# Fixture manufacturing

Once the desired option has been selected, the 'Units' screen will open again. To start the process, tap on 'State' option.

Once the process has been successfully finished, the option 'Completed' will be displayed in the status tab. Otherwise, the steps above should be repeated.

