

luxCONTROL

# **basicDIM Wireless Control App**

Product documentation



**TRIDONIC**

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# Scope of documentation

## 1. Validity

This operating instruction is valid for the Control App of the basicDIM Wireless.

TRIDONIC GmbH & Co KG is constantly striving to develop all its products. This means that there may be changes in form, equipment and technology.

Claims cannot therefore be made on the basis of information, diagrams or descriptions in these instructions.

The latest version of these operating instructions is available on our home page at

<http://www.tridonic.com/com/en/operating-instructions.asp>

### 1.1. Copyright

This documentation may not be changed, expanded, copied or passed to third parties without the prior written agreement of TRIDONIC GmbH & Co KG.

We are always open to comments, corrections and requests. Please send them to [info@tridonic.com](mailto:info@tridonic.com)

### 1.2. Imprint

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# Safety instructions

## 2. Safety instructions

### DANGER!

Danger of electrocution  
Disconnect the power to the entire lighting system before working on the lighting system!

### DANGER!

Not to be used in corrosive or explosive environments.

### CAUTION!

The basicDIM Wireless will be damaged when used in DC mode.

- \_ Do not use the basicDIM Wireless in DC mode!

### NOTICE

Using multiple smart devices simultaneously can result in data collision.

- \_ Use only one smart device when configuring the basicDIM Wireless!

### 3. Short overview



## Connected

## User friendly

## Application

**i NOTICE**

\_ Apple App Store: <https://itunes.apple.com/app/casambi/id731859317> -or-  
 \_ Google Play Store: <https://play.google.com/store/apps/details?id=casambi.ambi>

# Using the Control App

## 4. Using the Control App

### 4.1. Installation

Download the latest app version from

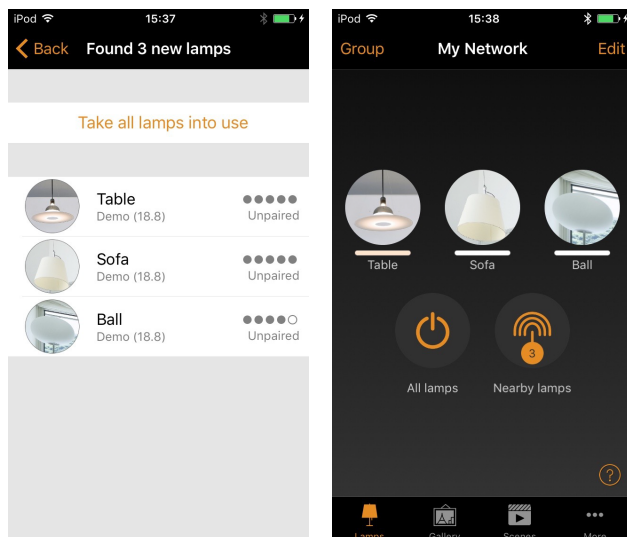
- \_ Apple App Store: <https://itunes.apple.com/app/casambi/id731859317> -or-
- \_ Google Play Store: <https://play.google.com/store/apps/details?id=casambi.ambi>

### 4.2. Main Menu

The control app main menu is located at the bottom of the page and contains the following four tabs. Further information about the tabs can be found at 'Lamps' tab, p. 11, 'Gallery' tab, p. 15, 'Scenes' tab, p. 18, 'More' tab, p. 21.



### 4.3. Take lamps into use



- \_ Switch on all the luminaires that are connected to the Control App.
- \_ Open the Control App.
  - The Control App will automatically find all luminaires that are switched on and connected to the Control App
- \_ Tap on 'Take all lamps into use'.
  - The Control App will automatically add all found luminaires to one network and open the 'Lamps' tab.

## Using the Control App

When first taking all luminaires into use, the Control App will automatically create a network. All the luminaires are added to the same network. They are displayed in the 'Lamps' tab with a picture, name and the current brightness level.

One luminaire can only be in one network at a time. When a luminaire is part of a network, it is in 'paired' state and cannot be added to any other network before 'unpairing' it, i.e. removing it from the network. Further information can be found at [Unpairing devices](#), p. 23.

The network that is automatically created is always a 'Not shared' network. This means that the network is only stored in the smartdevice that has created it and is not shared with other smartdevices. If you would like to share the network, you need to change the network sharing. Further information can be found at [Sharing settings](#), p. 25.

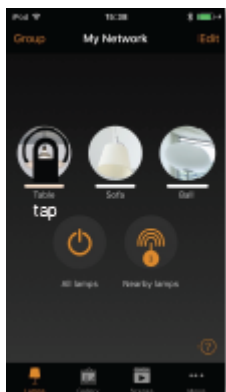
### **i NOTICE**

The range of the wireless signal is depending on the environment, e.g. luminaire, construction of the building, furniture or humans and needs to be tested and approved in the installation.

\_ To ensure a good radio connection, make sure that the basicDIM Wireless is not completely covered with metal!

## 4.4. Basic gestures

The network and its settings can be controlled with the following basic gestures:



Tap on the luminaire illustration to turn the luminaire off or on.

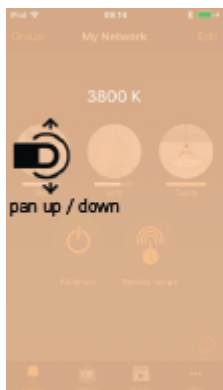


Tap on the luminaire illustration and move left or right to adjust the light level of the luminaire.

## Using the Control App

### NOTICE

The Control App will remember the last light level. When you switch the light off and on again, it will return to the last light level.



Tap on the luminaire illustration and move up or down to adjust the colour temperature of the luminaire.



Tap and hold on top of the luminaire illustration to change the colour.

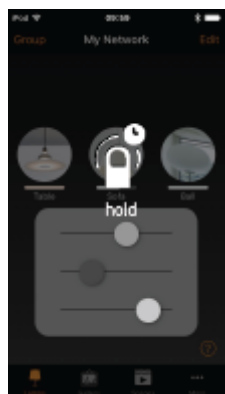
### NOTICE

It is also possible to save your favourite colours to the palette.

- \_ Set the colour.
- \_ Tap and hold on top of the palette circle to save it.

The saved colours are device specific and will not be shared with other devices in the network. Once you have saved different colours to the palette, it is not possible to reset it.

## Using the Control App



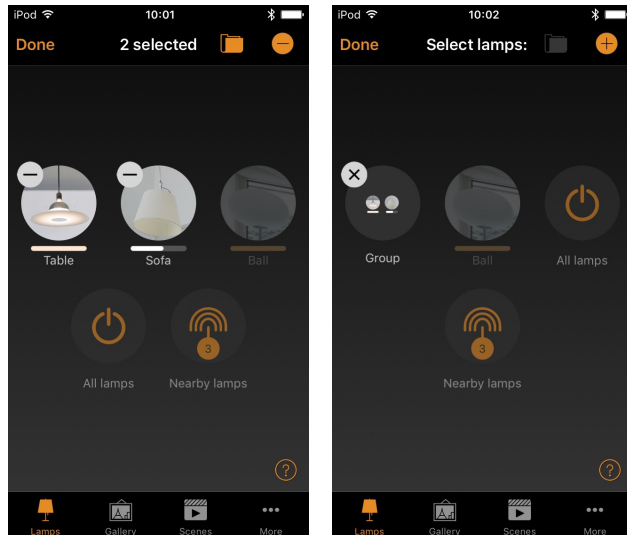
If you have a luminaire that supports more than one channel: Tap and Hold on top of the luminaire illustration to adjust the different channels.



## 'Lamps' tab

### 5. 'Lamps' tab

#### 5.1. Creating a group



You can create groups and add luminaires to that group. With groups you can control all the luminaires in the group together.

There are two ways to create a group.

##### Method 1:

- \_ Tap on the 'Lamps' tab.
- \_ Tap on the 'Group' icon at the top of the screen.
- \_ Select the luminaire illustrations for the group by tapping them.  
→ The representation 'Group' icon changes. An additional 'x' symbol appears.
- \_ Create the group by tapping the 'Folder' icon on top.

##### **i** NOTICE

The '+' or '-' icons can be used to select or deselect all luminaires.

- \_ Tap 'Done' to save the changes.

##### Method 2:

- \_ Tap 'Edit' at the top of the screen.  
→ The representation 'Group' icon changes. An additional 'x' symbol appears.
- \_ Drag the luminaire illustration on top of each other to create a group.

## ‘Lamps’ tab

### 5.2. Editing a group

If you want to edit a group, tap the group while in ‘Edit’ mode.

#### Add more luminaires to a group:

- \_ Tap ‘Edit’ and drag and drop the luminaire illustrations on top of the group.

#### Remove luminaires from a group:

- \_ Tap ‘Edit’ and drag and drop luminaire illustrations outside the group area.

#### Rename a group:

- \_ Tap ‘Edit’ and double tap the group name.  
→ The group name becomes editable.
- \_ Enter a new group name.
- \_ Tap the ‘Return’ key to complete the process.

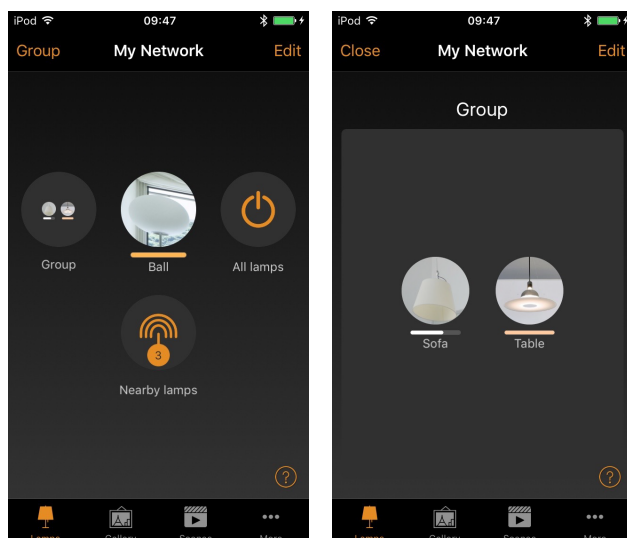
#### Remove a group:

- \_ Tap ‘Edit’ or ‘Group’ and then tap on the ‘x’ sign in the corner of the ‘Group’ icon.

#### Save changes:

- \_ Tap ‘Done’ and ‘Close’ to go back to the ‘Luminaire’ tab.

### 5.3. Using a group

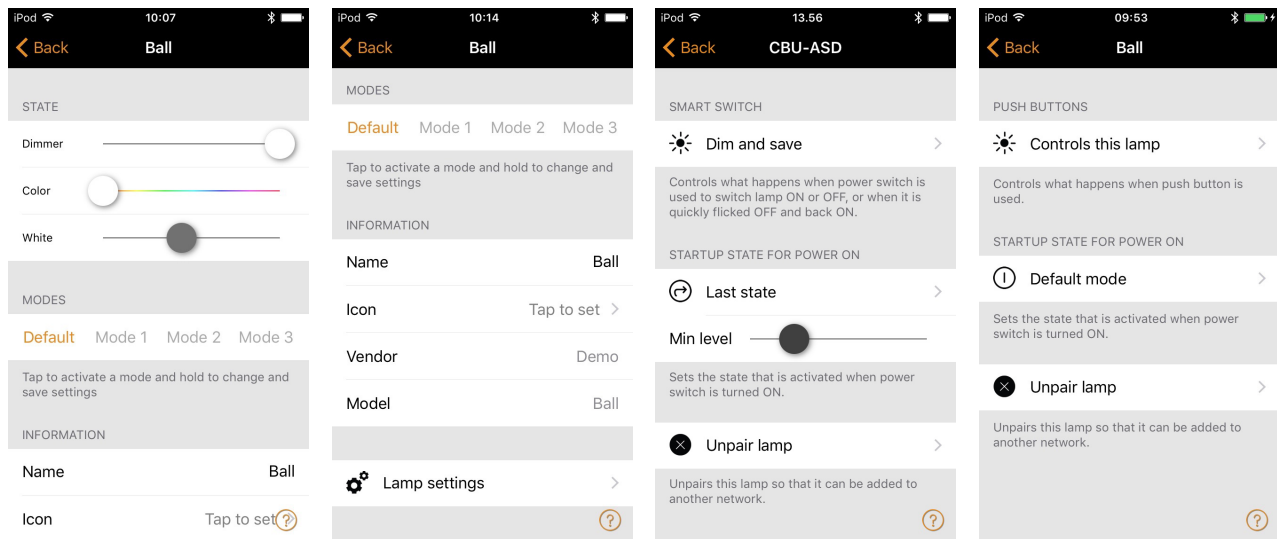


## 'Lamps' tab

With groups all the luminaires in the group can be controlled together. Use the [Basic Gestures](#), p. 8 to control the luminaires in the group.

If you want to control luminaires separately, even if they are part of a group, double tap the group. A screen will open where it is possible to control the luminaires separately.

### 5.4. Editing a luminaire



#### Open a luminaire for editing:

- \_ Double tap a luminaire illustration -or-
- \_ Tap on 'Edit' and select the luminaire illustration you want to edit.

#### NOTICE

Be careful not to touch the 'x' symbol when you tap the luminaire illustration as this unpairs the luminaire. In order to prevent this, a message "Unpair and remove this luminaire from the network?" appears and must be confirmed.

→ A window will open.

#### NOTICE

The editing window can be scrolled up or down. Scroll if one of the menu items is not visible on the screen.

#### Adjust the luminaire state:

- \_ Tap on 'Change luminaire state'.
- Sliders for dimming level, colour or colour temperature will appear (which options are available depends

## ‘Lamps’ tab

on driver configuration).

- \_ Move the sliders left or right to adjust the values.
- \_ If you want to change the colour with the colour wheel, double tap the Color field.

### Add different modes to the luminaire:

Modes can be different dimming levels, colours or colour temperatures.

- \_ Tap and hold on top of the mode text ('Standard', 'Modus 1', 'Modus 2', 'Modus 3').  
→ The 'Edit' option will appear.

Information about how to control modes with wall switches or push buttons can be found at [‘Smart Switching’ feature](#), p. 33 and [Push button modes](#), p. 39.

### Select Smart Switch, Push button mode or Startup State:

- \_ Select 'SMART SWITCH', 'PUSH BUTTONS' or 'STARTUP STATE FOR POWER ON' and edit it.

With Smart Switch you can select the mode for the luminaires power switch. For detailed information about Smart Switching, see [‘Smart Switching’ feature](#), p. 33.

If you have a luminaire that supports a push buttons, there is also the possibility to change the Push Button settings. For detailed information about push button, see [Push button modes](#), p. 39.

With the Startup State setting you can set the luminaire to either go to the default light level or to the last state when switching the luminaire on. With the last state setting the luminaire will go to the same dim level and colour as it was when the luminaire was switched off.

You can also determine a minimum level for the 'Last state' setting. Then the luminaire will always go to at least the minimum level when turned on.

### Change the name and the icon of the luminaire:

- \_ Tap 'Name', 'Icon' and edit it.

The icon can be a picture from your gallery or you can take a new photo.

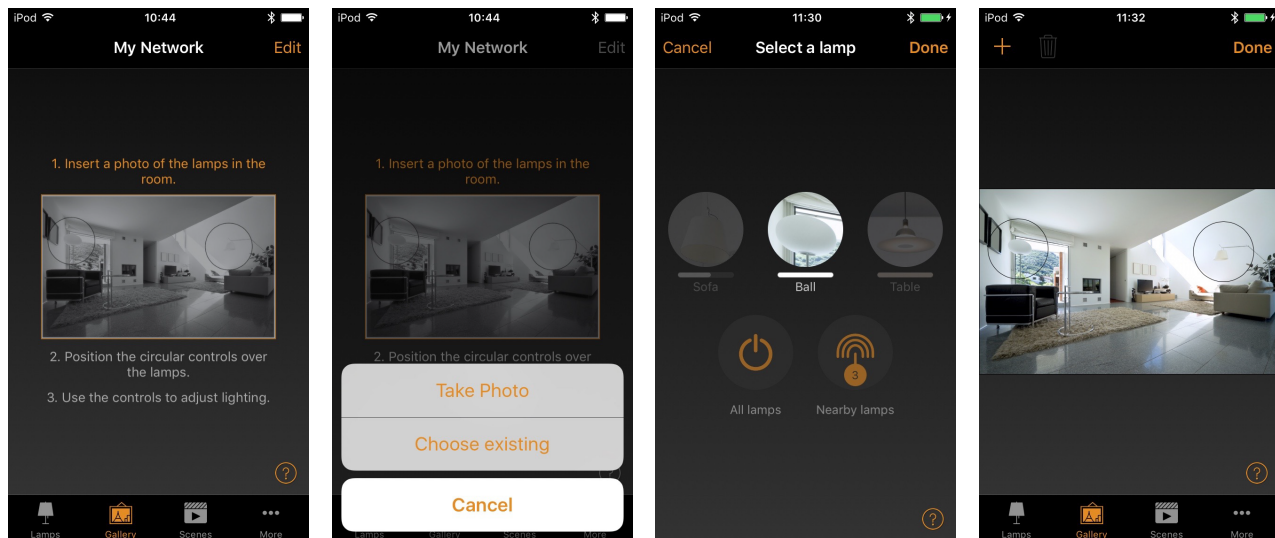
### Unpair a luminaire:

- \_ Tap 'Unpair lamp' to remove the luminaire from the current network.

## 'Gallery' tab

### 6. 'Gallery' tab

#### 6.1. Controlling luminaires



The Gallery is the most intuitive way of controlling your luminaires. Take a picture of the room where your luminaires are and place lamp controls over them in the picture.

##### Add a picture to the gallery:

- \_ Tap on the 'Gallery' tab.
- \_ Choose whether you want to take a photo or use existing picture from your device's gallery.  
→ After you have taken a photo or selected a picture, it is added to the gallery.

##### Add lamp controls to the picture:

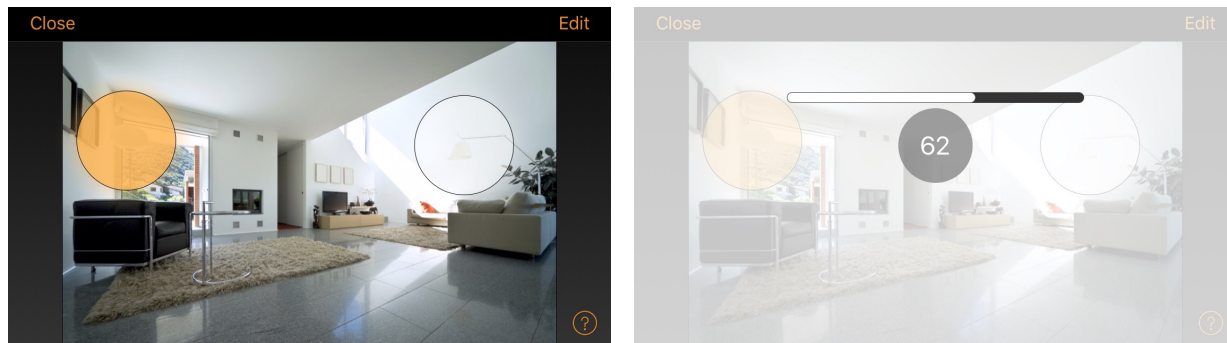
- \_ Tap on the '+' sign to open the selection screen with all your luminaires.
- \_ Select a luminaire that is in the picture and confirm your selection with 'Done'  
→ A lamp control circle will appear in the centre of the picture.
- \_ Drag the control circle on top of the luminaire. (You can resize the circle by pinching.)
- \_ If you have more than one luminaire in the picture tap on the '+' sign to add other controls.
- \_ Tap on 'Done' when you have added controls over all the luminaires in the picture.
- \_ If you would like to add more pictures, return to the 'Gallery' and tap on the '+' sign.
- \_ If you don't see a '+' sign, tap on 'Edit'.  
→ The '+' sign will appear.

#### **i** NOTICE

Take a panorama picture of your room to capture more luminaires in one photo.

## 'Gallery' tab

### 6.2. Controlling luminaires



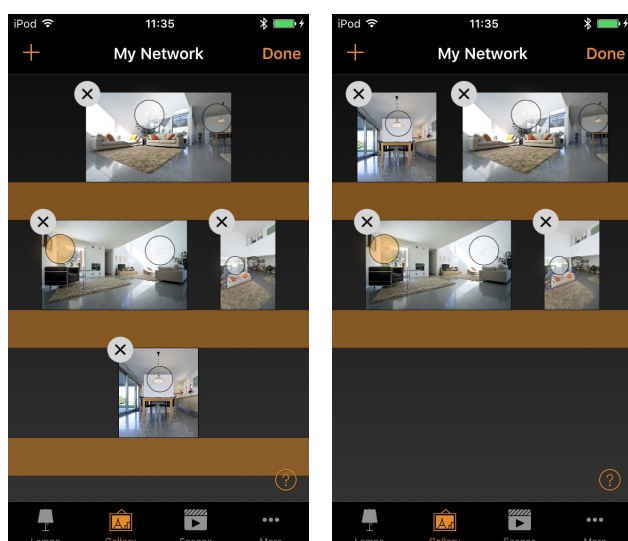
After adding at least one photo, you can open it from the 'Gallery' and control the luminaires in it from the picture.

- \_ Tap on a picture to open it in full screen.
- \_ Use [Basic Gestures](#), p. 8 to control the luminaires in the picture.
  - If you open the picture in portrait orientation, related scenes are shown next to it.
  - The scene icon is shown if even one luminaire in the picture is part of the scene.

#### **i** NOTICE

Pan or hold anywhere outside the control circles on the picture to dim or change the colour for all luminaires together.

### 6.3. Arranging the pictures



You can arrange the order and change the size of pictures in the 'Gallery'.



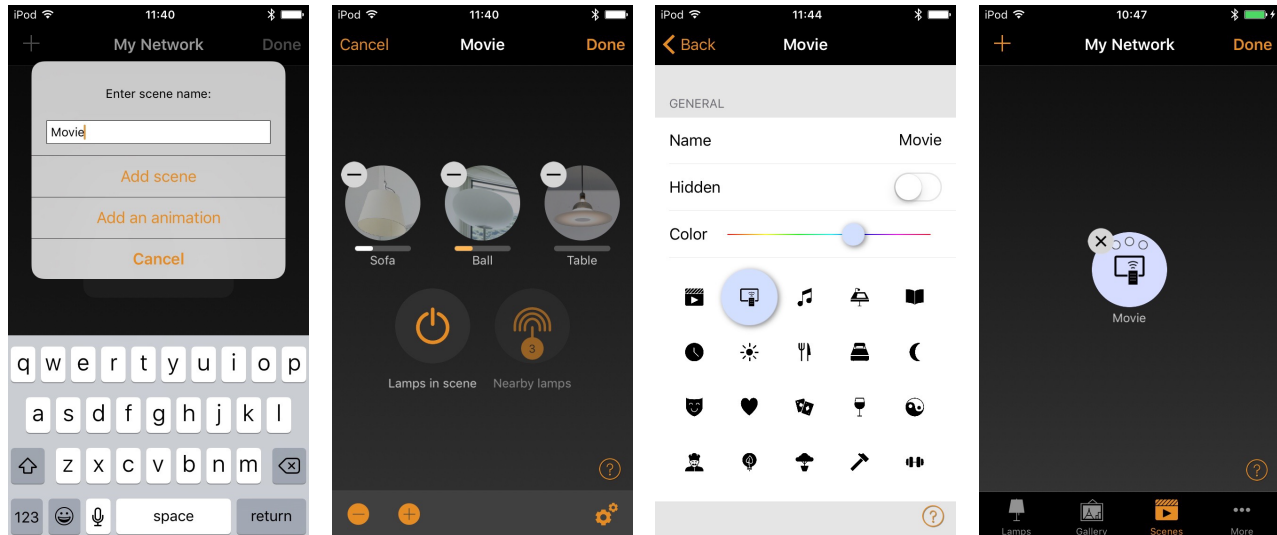
## ‘Gallery’ tab

- \_ Tap on ‘Edit’.
- \_ To arrange pictures, drag and drop them.
- \_ To resize pictures, move the orange bar up or down between the pictures (only in iOS app).
- \_ Tap on ‘Done’ to confirm the changes.

## 'Scenes' tab

### 7. 'Scenes' tab

#### 7.1. Creating scenes



In the 'Scenes' tab you can create different lighting situations for different occasions. It is possible to control multiple luminaires with one tap to create perfect ambience for different occasions and needs. One luminaire can be used in several scenes.

##### Create the first scene:

- \_ Tap on 'Add a scene' and enter a name for the scene.
- \_ Select the 'Create scene' option and make your changes.
- \_ Tap on 'Done' to get back to the 'Scenes' tab.

##### Create more scenes:

- \_ Tap on the '+' sign.

##### Copy scenes:

- \_ Tap and hold on top of a scene to copy it.

##### Add or remove luminaires to/from a scene:

- \_ Tap on the '+' sign to add luminaires to the scene.
- \_ Tap on the '-' sign to remove luminaires from the scene.
- \_ If you want to add luminaires that are in a group, double tap the group to open the selection screen.
- \_ If you want to add all luminaires in a group to the scene, tap on the '+' sign.
- \_ If you want to remove all the luminaires in the group from the scene, tap on the '-' sign on the left bottom corner.

## 'Scenes' tab

### Adjust luminaires in a scene:

You can adjust luminaires separately or if you want to have the same dim level or colour for all luminaires in the scene, you can use the 'Lamps in scene' control.

To adjust all the luminaires in the group, do the following:

- \_ iOS app: Use [Basic Gestures](#), p. 8 anywhere on the group area.
- \_ Android app: Close the group with 'Close' and adjust all lamps in the group from the group control icon.

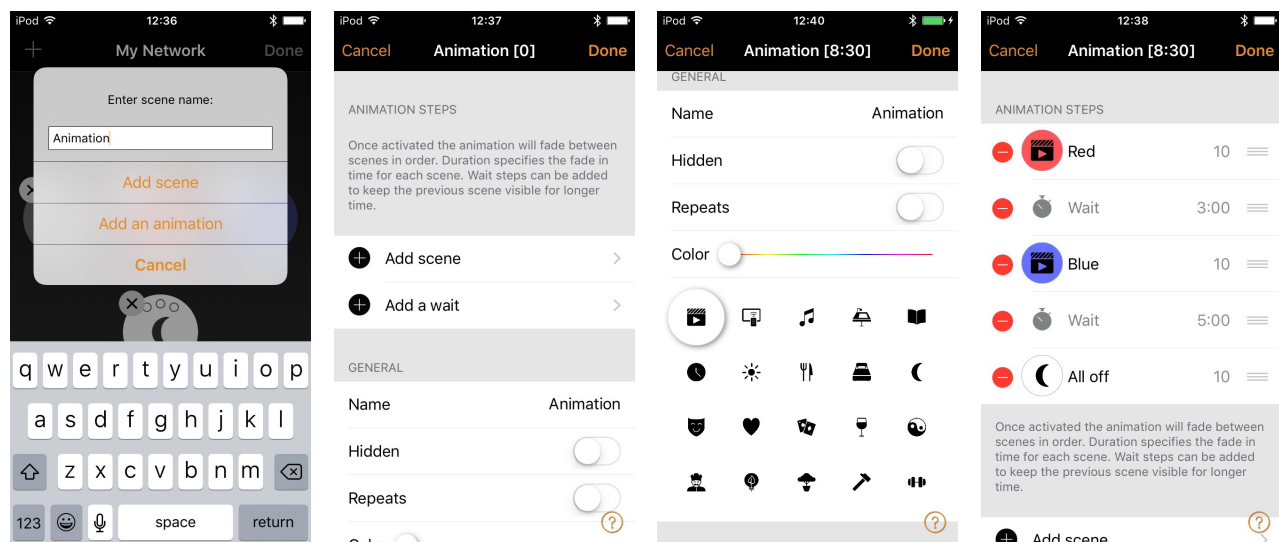
### Change a scene:

- \_ Tap on the 'More' tab to change the name, icon and colour for the scene control.
- \_ If you want to select a colour from the colour wheel, tap the colour line.
- \_ Use the 'hidden' option if you don't want the scene to be visible in the 'Scenes' tab.

#### **i** NOTICE

Select also the luminaires which should be off during the scene and adjust their brightness level to 0 %.

## 7.2. Creating animations



#### **i** NOTICE

You need to have at least one scene created before you can create an animation.

### Create animations:

In the 'Scenes' tab, it is also possible to create animations. Animations or dynamic scenes are special scene types

## ‘Scenes’ tab

that fade from scene to scene. They can be used like normal scenes and it is also possible to set animations to repeat.

- \_ Tap on ‘Edit’.
- \_ Tap on the ‘+’ sign.
- \_ Tap on the ‘Add an animation’ option.

### Add animation steps:

Animation steps are scenes and wait times. You can add as many steps as you would like.

### Example animation:

- \_ Add Scene Red, fade time 10 sec
- \_ Add wait 3 min
- \_ Add Scene Blue, fade time 10 sec
- \_ Add wait 5 min
- \_ Add Scene All Off, fade time 10 sec

This animation setting will fade in to scene Red in 10 seconds and Red will be active for 3 minutes. Then the scene Red will fade into scene Blue in 10 seconds and Blue will be active for 5 minutes and fade out in 10 seconds.

### Change the animation:

Under General settings you can set the animation to repeat. You can also change the name, colour and icon. Animation can also be hidden from the Scenes tab view if needed.

When you are done editing the animation, tap on ‘Done’

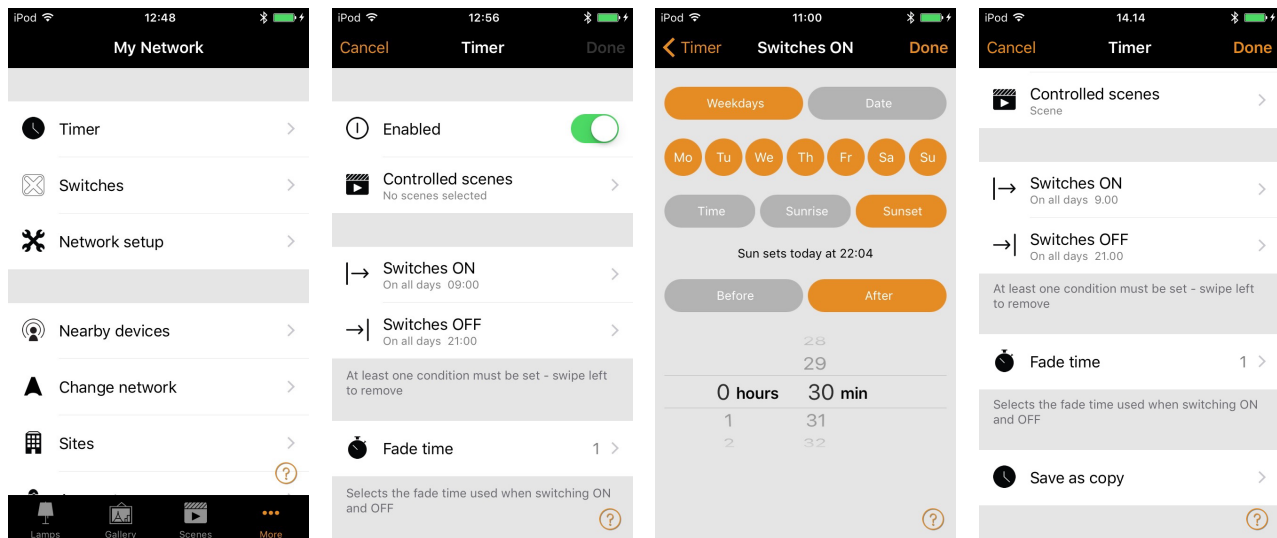
#### NOTICE

You can also use timers to control animations. This way an animation can be turned on and off based on time.

## 'More' tab

## 8. 'More' tab

### 8.1. Timer function



With the Timer function you can create a list of timers that will turn scenes or animations on and off based on time. You can create a wake up light or set the living room lights to automatically turn on in the evening.

#### Create a Timer:

- \_ Go to 'More' tab and select 'Timer'.
- \_ Create a new timer by tapping the 'Edit' on the left top corner and then the '+' sign on the top right corner.
- \_ Select the scene or animation you want to control with this timer.
- \_ Tap the 'Switches ON' button and set the time when the scene should turn on.  
You can use weekdays or a specific date. For time you can set a time of day or use local sunrise and sunset to turn on the scene. To use 'sunrise/sunset' the network location needs to be set. See [Network settings](#), p. 24 for detailed instructions.
- \_ Tap on the 'Switches OFF' and select the time when the scene should turn off.  
You can use all the same criteria as previously. You can also tap the After button and set the time how long the scene will stay on. It is also possible to set the Fade time for the scene. This means that when the scene is turned on the lights will slowly reach the light level in the scene. With faders you can change from one scene to other very smoothly. The fader will start when the timer is turned on. This means that if you set the scene to come on at 14:05 and you set a fader for 30 seconds then the scene is fully on at 14:05:30. The scene also fades to off with the same time, so if the scene goes off at 15:00 the light will be totally of at 15:00:30.
- \_ Tap on 'Done' to confirm the changes.

#### Enable/Disable a Timer:

- \_ Enable/disable a timer with the button 'Enabled' on top of the 'Timer' screen.

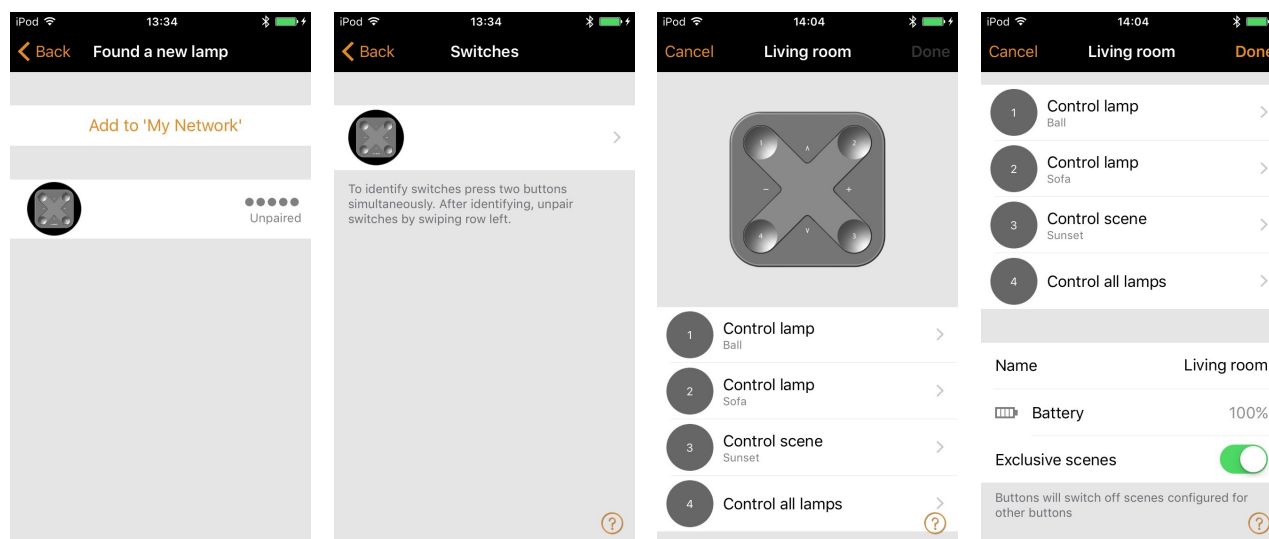
#### Copy a Timer:

## 'More' tab

- \_ Open a Timer and select 'Save as copy' from the bottom of the 'Timer' screen ('Save as copy' is only displayed if a Timer has already been created).

The units will keep track of time when even one unit in the network is powered on all the time. In a situation where all units have been switched off or in case of a power loss, the time needs to be set to the units again. In this situation please open the network in the Control App with modification rights to set the time again.

## 8.2. Switches and basicDIM Wireless User Interface



With Switches it is possible to control luminaires easily and wirelessly. Switches and push buttons which are enabled for the Control App appear under 'Switches' after pairing them to the network. In this screen it is possible to configure the switch preset buttons.

The basicDIM Wireless User Interface brings flexibility to interior design. The switch can be kept wherever the user needs it and it gives direct access to all the important lighting control functionalities.

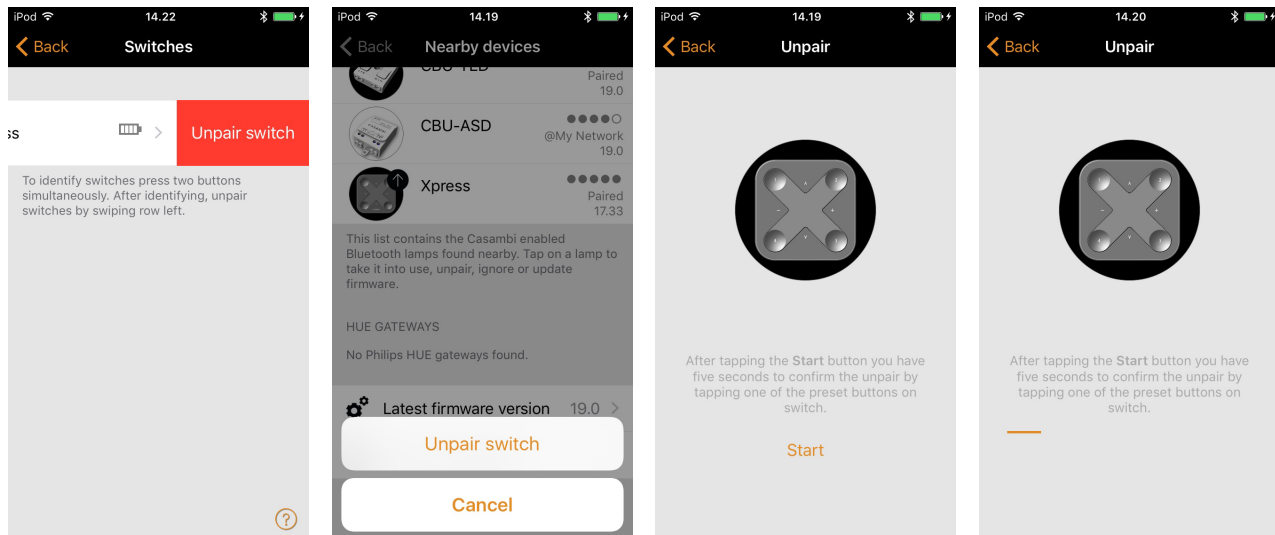
- \_ Press any button on the basicDIM Wireless User Interface and the Control App will automatically detect it. If you have an existing network, the Control App will automatically suggest to add basicDIM Wireless User Interface to that network.
- \_ Tap on the 'Add to My Network' button'. If there is no network, tap on the 'Take into use' button.
- \_ After you have added the basicDIM Wireless User Interface to the network go to 'More' tab and tap on the Switches to configure the preset buttons.
- \_ Tap on the basicDIM Wireless User Interface  
→ The configuration page opens.  
You can assign a scene, a group, a lamp or all lamps to each of the buttons.  
You can also rename the basicDIM Wireless User Interface to make identification more easy. Scroll down to see the Name field.
- \_ 'Exclusive scenes' selection will determine if other scenes controlled by other preset buttons will turn off when pressing a preset button.
- \_ Tap 'Done' to save the settings.



## 'More' tab

After configuring the buttons, they will control the assigned scene, lamp or group. The first press will turn on the scene, lamp or group and the second press will turn it off. From the '+' and '-' signs you can dim up or down the controlled scene, lamp or group. If you have a tunable white fixture you can control the colour temperature from the up and down buttons.

### 8.3. Unpairing devices



When a luminaire is part of a network, it is in 'paired' state and cannot be added to any other network before 'unpairing' i.e. removing it from the network.

If you need to remove the basicDIM Wireless User Interface from the network press two preset buttons at the same time and then the basicDIM Wireless User Interface can be unpaired from the Switches screen by swiping the row to the left (in iOS) or tap and hold (in Android)

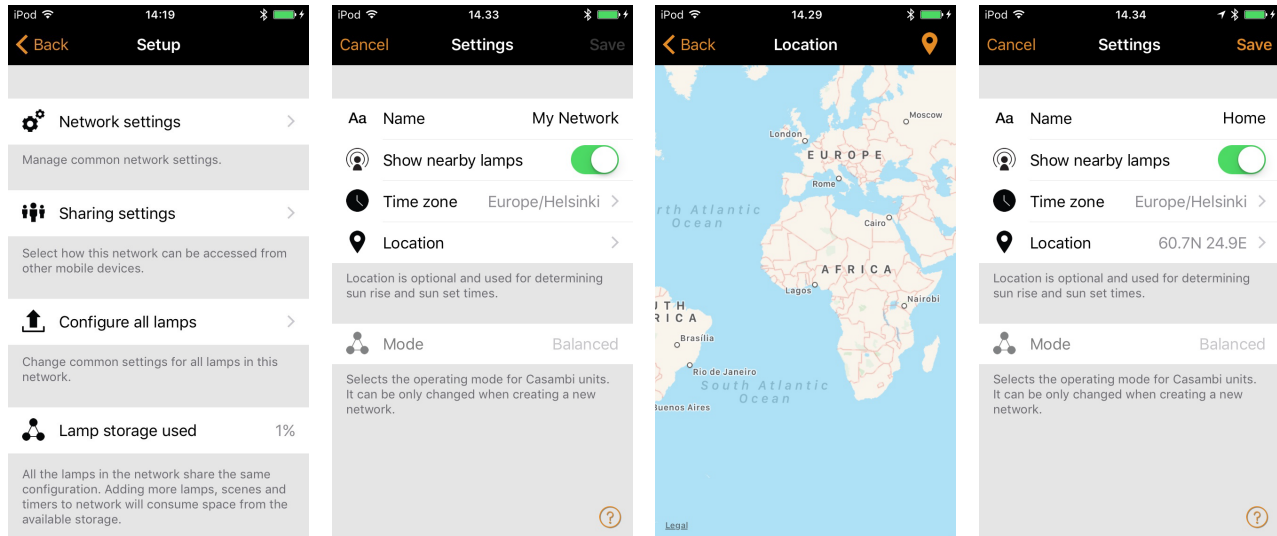
If you don't see the basicDIM Wireless User Interface in the Switches screen you can unpair it from the 'Nearby Devices' screen.

- \_ Go to the 'Nearby devices' screen.
- \_ Press two buttons in the basicDIM Wireless User Interface at the same time.
- \_ Tap on the basicDIM Wireless User Interface when it appears in the Nearby Devices list.
- \_ Select Unpair Switch.
- \_ In the unpair screen tap on 'Start'.
- \_ Press one button on the basicDIM Wireless User Interface to unpair the switch.

Make sure that the basicDIM Wireless User Interface has the amber LEDs on when you do the unpairing. You need to perform the steps quite fast before basicDIM Wireless User Interface goes off (no LEDs on).

## ‘More’ tab

### 8.4. Network settings



When first taking all luminaires into use, the Control App will automatically create a network.

To change the network settings, do the following:

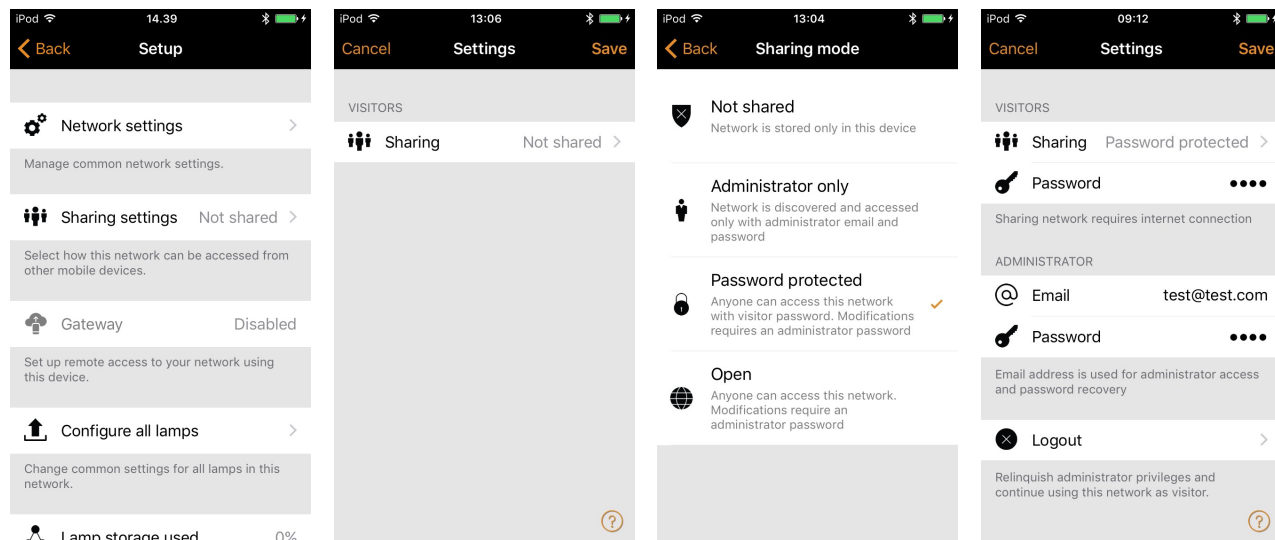
- \_ Go to ‘More’ > ‘Network configuration’ > ‘Network settings’
- \_ In Setup screen select ‘Network Settings’.
- In ‘Network Settings’ you can change the name, set the Time zone and the location for the network. The location needs to be set if you would like to create timers using local sunrise or sunset as trigger. You can also select if you would like the nearby lamps icon to be visible in the app. This selection will hide the ‘Nearby Lamps’ icon for all users in this network. The network mode can only be changed for networks that do not have any luminaires yet. The default mode for the network is ‘Balanced’ and that should be used unless there is very large amount of luminaires close to each other. If there is an installation with large amounts of luminaires then the ‘Better performance’ mode can be used. See [Managing networks](#), p. 30 for instructions on how to create a new network.
- \_ Once you are done with changing the settings, tap on ‘Save’ to confirm them.

#### **i NOTICE**

It is possible to have several networks in one mobile device. For example one for home and other for work. All the created and visited networks will be listed in Networks screen.

## 'More' tab

### 8.5. Sharing settings



When first taking all luminaires into use, the Control App will automatically create a network. The network that is automatically created is always a 'Not shared' network. This means that the network is only stored in the device that has created it and is not shared with other devices.

If you would like to share the network, you need to change the sharing settings.

- \_ Tap on the 'More' tab.
- \_ Select 'Network' settings.
- \_ Select 'Sharing' settings.
- \_ Select 'Sharing' to change the sharing mode.

There are four different options for network sharing:

- \_ **'Not shared'**  
Network is stored only in one device and not uploaded to cloud service. Other devices cannot access this network.
- \_ **'Administrator only'**  
Network is not automatically visible to any devices but it is possible to log in with admin email and password from networks screen. Everyone who is able to log in, is also able to modify network. Networks screen can be accessed from More -> Change network, or from main screen by tapping My Networks. Administrator email and password need to be always filled in when creating a network to be able to recover lost passwords.
- \_ **'Password protected'**  
Network is automatically found by other devices but user needs a password to access and control lights. If user wants to modify the network i.e. add more luminaires, or create scenes, he needs to have the administrator password. This type of network has two access levels visitor and administrator. Visitors cannot make changes but they can control lights. Administrator email and password need to be always filled in when creating a network to be able to recover lost passwords.
- \_ **'Open'**

## ‘More’ tab

Network is automatically found by other devices and there is no password for visitor access. If user wants to modify network he needs the administrator password. This type of network also has two access levels visitor and administrator. Administrator email and password need to be always filled in when creating a network to be able to recover lost passwords.

After changing the network sharing mode, the administrator email and password need to be set for the network. A visitor password is needed for password protected network so that other devices can access the network.

### NOTICE

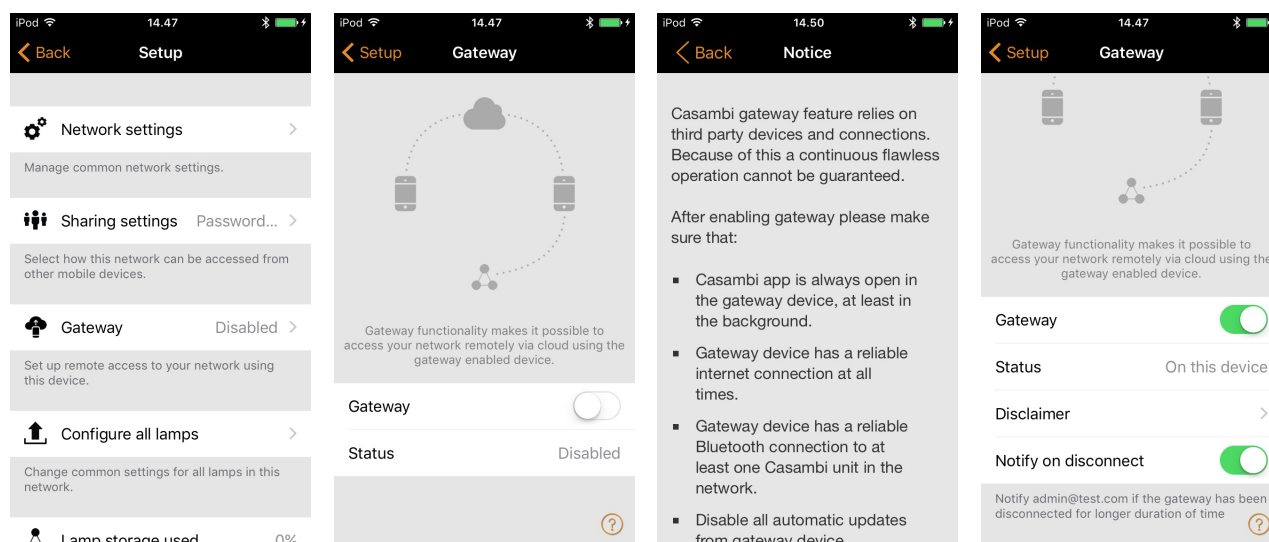
Remember to add also an email address and a password for the network so it can be recovered later if needed.

\_ To save the new settings tap on ‘Save’.

→ If the sharing setting is something else than ‘Not Shared’ all the changes are uploaded to the Cloud service and network can be accessed from other devices.

With the logout option you can logout the device from a network. This might be necessary if the network needs to be removed from the Networks list. See [Managing networks](#), p. 30 for more information about deleting networks.

## 8.6. Gateway and remote access feature



With remote access or Gateway it is possible to control luminaires also remotely. Also the network settings can be changed remotely with administrator rights to the network.

To enable remote access, a network needs to have one iOS or Android device working as a gateway and the sharing settings for the network need to be ‘Open’, ‘Password protected’ or ‘Administrator only’.

\_ To set the gateway device, select ‘Gateway’ in ‘Network’ setup’ screen.

If the Gateway is grey and cannot be selected, make sure the sharing settings is not ‘Not shared’.

\_ Tap on the ‘gateway’ button to enable gateway on the used device.

If you have added an email address for the network, you can also enable notifications to that email if the gateway is disconnected for some reason.

## ‘More’ tab

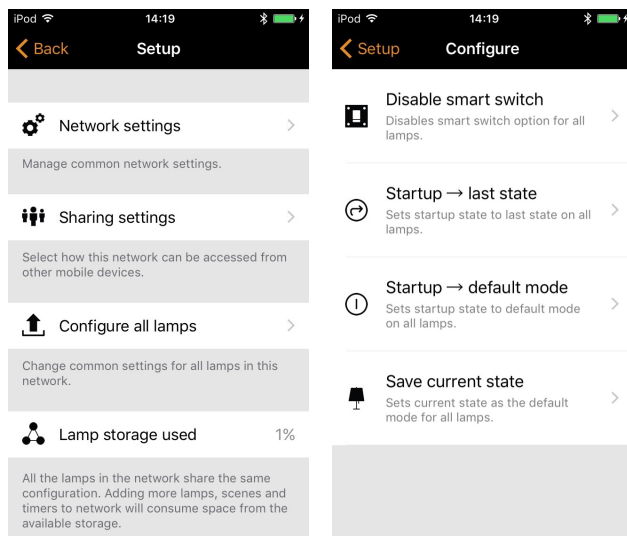
### ⚠ CAUTION!

The gateway feature relies on third party devices and connections. Because of this, a continuous flawless operation cannot be guaranteed.

After enabling gateway, make sure that:

- \_ The Control App is always open in the gateway device, at least in the background.
- \_ The gateway device has a reliable internet connection at all times.
- \_ The gateway device has a reliable wireless connection to at least one unit in the network.
- \_ Disable all automatic updates from gateway device.
- \_ The gateway device is always plugged in to a power source.
- \_ Disable all power save options from the device that might cause the wireless or internet connection to shut down.

## 8.7. Configure all lamps



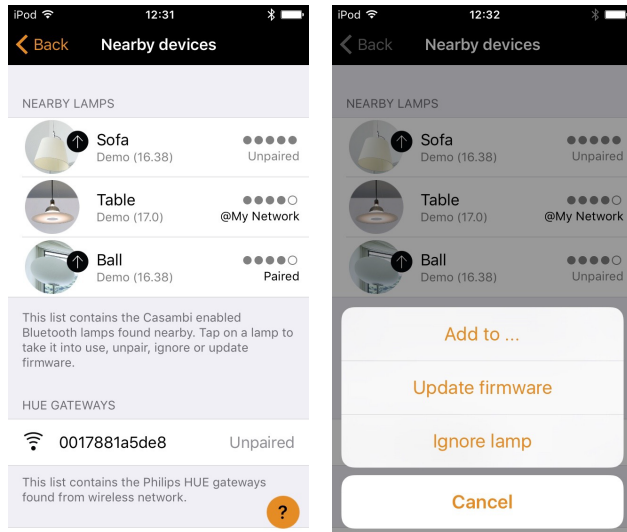
It is possible to configure all lamps in one network by selecting ‘Configure all lamps’ under ‘Network Setup’. There are four settings that can be changed for all lamps with one tap.

- \_ ‘Disable Smart Switch’  
Disables smart switch option for all lamps.
- \_ ‘Startup → last state’  
Sets startup state to last state on all lamps.
- \_ ‘Startup → default mode’  
Sets startup state to default mode on all lamps.
- \_ ‘Save current state’  
Sets current state as the default mode for all lamps.

## ‘More’ tab

In the ‘Setup’ screen you can also see the used lamp storage. When you add more lamps, scenes and timers to network they will consume the available space.

### 8.8. ‘Nearby devices’ screen



In the ‘Nearby devices’ screen you can see a list of all luminaires that are found nearby and HUE Gateways found from wireless network.

In the list you can see the name, vendor, firmware version and signal strength of the luminaire. You can also see if the luminaire is in paired or unpaired state. If you have access to the network that the luminaire is paired to, you can also see the network name.

By tapping on a luminaire you can take it into use (add to a network), unpair it (remove from network), ignore or update the firmware of the luminaire.

When you tap on the luminaire, you can see the options that are available.

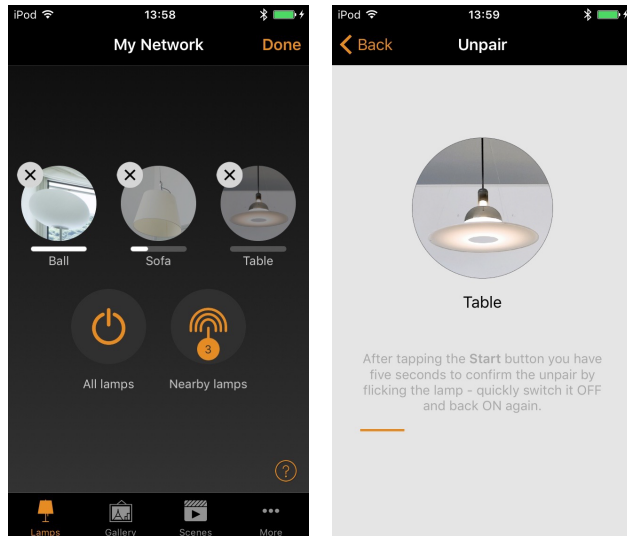
In this screen you can also check if there are any updates available for your luminaires. Tap on the ‘Check for updates’ button and the Control App will connect to cloud service and look for updates. If there is an update available you can see an arrow on top corner of your luminaire icon.

Latest firmware version can be seen in the bottom of screen and by tapping the row you can see the release notes.



## 'More' tab

### 8.9. Unpairing a luminaire



There are two places where you can unpair a lamp from a network.

#### Method 1:

- \_ Go to 'Lamps' tab and tap 'Edit'.  
Now you can unpair a lamp from the delete icon on the corner of the lamp control.

#### Method 2:

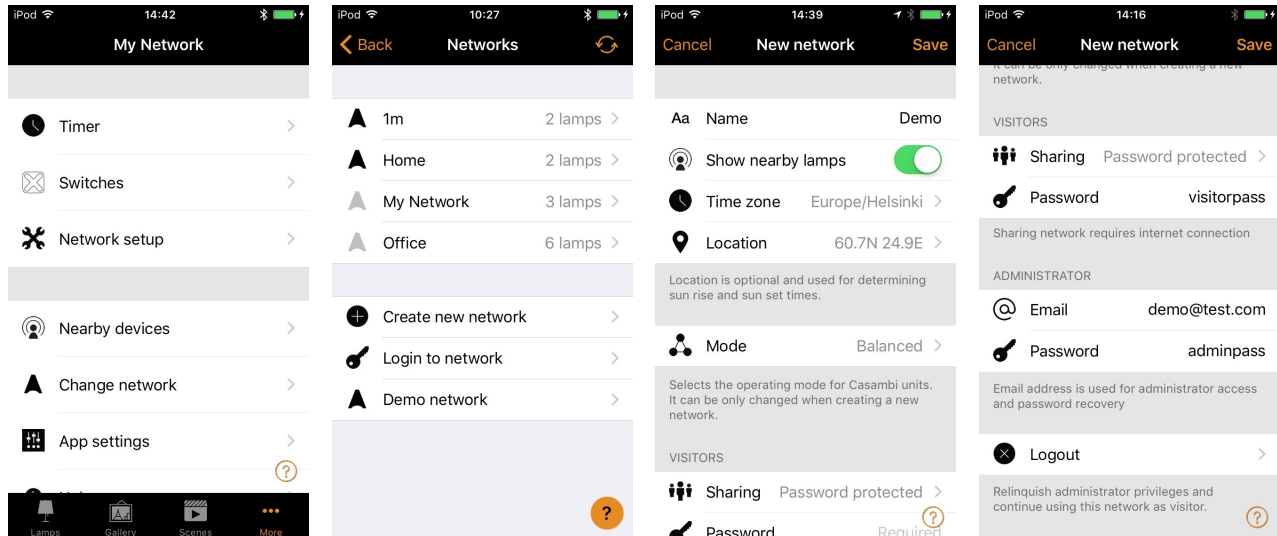
- \_ Go to the 'Nearby devices' screen found under 'More' tab.
- \_ Tap on the lamp you want to unpair and select 'Unpair lamp'.  
→ This will unpair the lamp if you have modification rights to the network.

If you don't have the modification rights to the network that the lamp is paired to, you need to have access to the lamp's power switch for the unpairing.

- \_ Tap on the 'Unpair lamp' and the app will open an 'Unpair' screen.
- \_ Tap on the 'Start' button and the time bar appears.
- \_ Now quickly flick the power switch off and back on to unpair the lamp.  
→ If unpairing succeeded there is a message that the lamp has been unpaired.

## 'More' tab

### 8.10. Managing networks



#### Create new networks and log into networks with administrator email and password:

- \_ Tap on the Login to network button and write the administrator email and password to the fields.  
You can access a network with administrator email and password even if you are not in the range of the luminaires in that network.
- \_ To create a new network tap on the 'Create new network'.
- In the 'New Network' screen you can assign a name, time zone and location for the new network.

#### Access networks:

You can see the networks stored in your mobile device from the 'Networks' screen.

- \_ The 'Networks' screen can be accessed from 'More' tab by selecting 'Change Network' or from the Main screen by selecting 'My Networks'.
- In the list all the networks that have powered on luminaires nearby, i.e., 'online' networks, will show with a black icon and 'offline' networks are shown with a grey icon.

#### Remove a network:

##### **CAUTION!**

If you have administrator rights to the network and you remove it from the list, it is also removed from the cloud server. This means that the network is permanently removed and other devices cannot use the network.

- \_ If you want to remove a network from the list, swipe to the left (in iOS) or tap and hold (in Android) on top of the network.
- The delete option will show up.

## ‘More’ tab

If you want to remove a network that you have administrator rights to, you need to log out first:

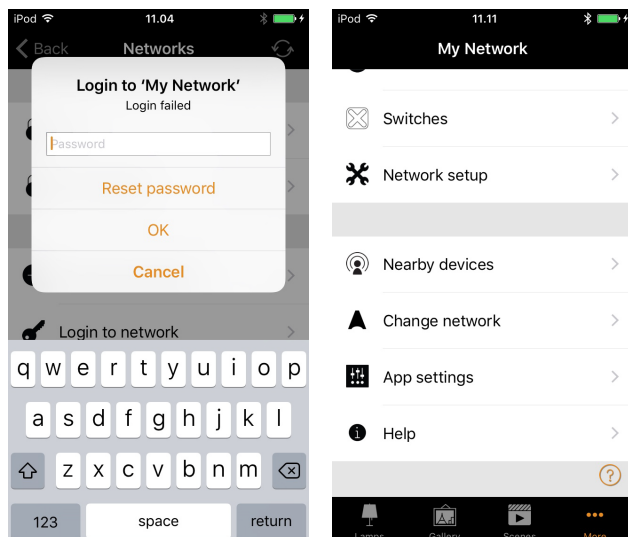
- Go to More > Network Setup > Sharing settings and tap ‘Log out’.
- After logging out, it is possible to remove the network from the list without removing it from the cloud server.

### Select network mode:

At this point it is also possible to select the network mode. For networks with large number of luminaires, i.e. over 100, close to each other, it is possible to select the ‘Better performance’ mode. For other types of networks ‘Balanced mode’ will work better.

You can also set the sharing mode at this point. If you would like other devices to be able to access this network, select ‘Open’, ‘Password protected’ or ‘Admin only’ mode. For administrator access and password recovery please also insert Administrator email and password.

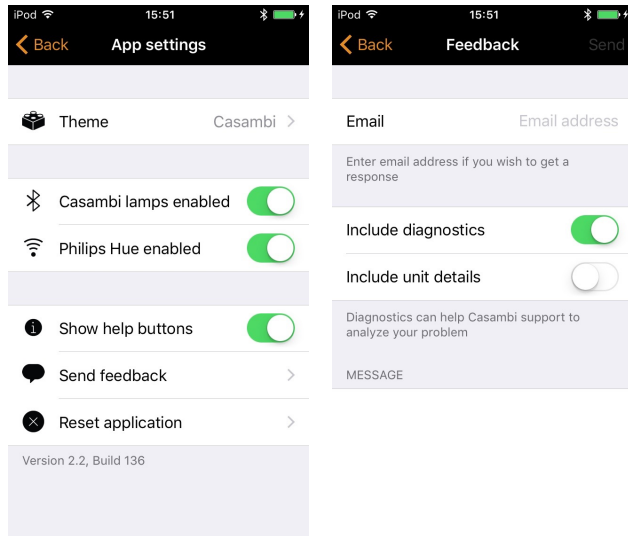
## 8.11. Resetting the network password



If you don't remember the password for your network, it can be reset if you have inserted a working email address. When the app opens and a pop-up is asking for a password, tap on the ‘Reset password’ option and a reset link will be sent to the email address specified in ‘Sharing’ settings. The link will be active for 15 minutes.

## ‘More’ tab

### 8.12. App settings



In the app settings screen it is possible to change settings and send feedback. If you only use lamps connected to the Control App or HUE bulbs you can disable the other one in the app settings. You can also hide the help buttons from the user interface.

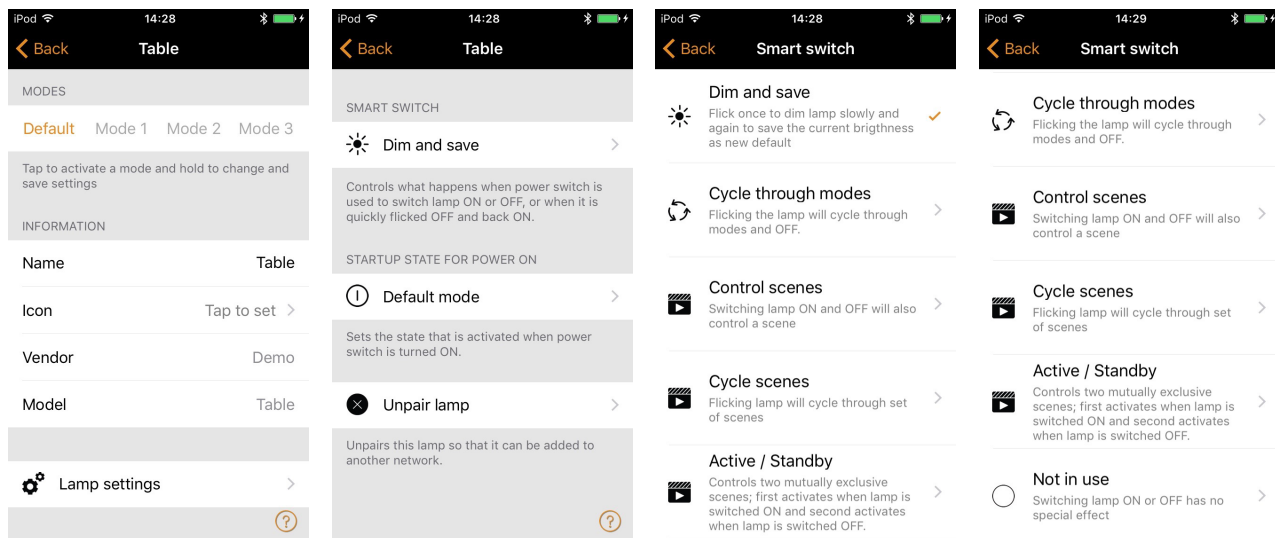
By tapping the ‘Send feedback’ button you can send feedback or support requests. It is possible to include diagnostics and unit details with your feedback to help with the trouble shooting. The ‘Reset application’ button will reset all settings and data and delete any networks that you have visited from the device.

### 8.13. Help

Under ‘Help’ you can find Frequently asked questions (FAQ) and release notes.

## ‘Smart Switching’ feature

### 9. ‘Smart Switching’ feature



With the Smart Switching feature it is possible to use ordinary wall switches as dimmers or control scenes with them.

The Smart Switching feature for the luminaire's power switch can be configured in the Control App. It is possible to assign different Smart Switching modes to each luminaire that is enabled for the Control App.

For example you can use Smart Switching to switch on several lamps when you come home or switch the lighting to be suitable for a dinner party or watching a movie.

#### Assign a Smart Switching mode to a luminaire:

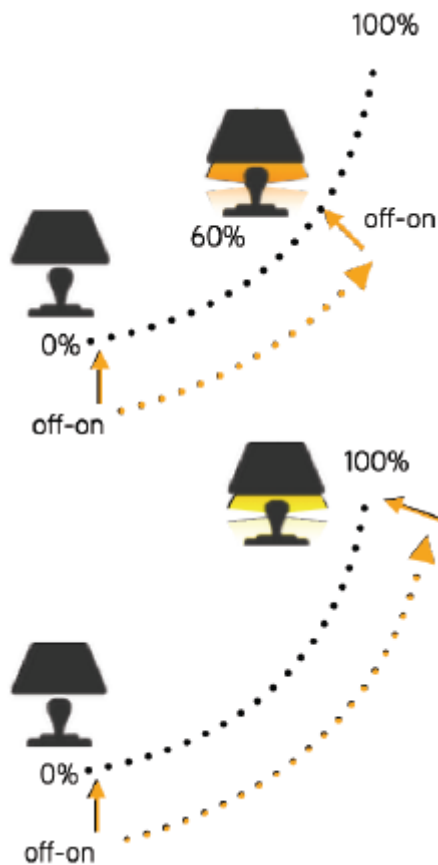
- \_ Go to 'Lamps' tab.
- \_ Double tap the lamp control you want to assign a Smart Switching mode to.
- \_ Select 'Lamp Settings' and under 'Smart Switch' tap the current mode to open the Smart Switching selection. As a default the mode is 'Dim and Save'.

There are six different Smart Switching modes:

- \_ 'Dim and save' - controls one luminaire
- \_ 'Cycle through modes' - controls one luminaire
- \_ 'Control scenes' - controls one or multiple luminaires
- \_ 'Cycle scenes' - controls one or multiple luminaires
- \_ 'Active / Standby' - controls one or multiple luminaires
- \_ 'Not in use'

## ‘Smart Switching’ feature

### 9.1. ‘Dim and save’ mode



As a default luminaires are set to use the Dim and Save Smart Switching mode. This means you can use the luminaires power switch for dimming and setting the default light level.

#### Start the dimming process:

- \_ To start the dimming process, quickly switch OFF and ON the light fixture from the wall or power switch.
  - After flicking the switch the dimming process will start.
- \_ Once the light has reached the desired brightness level flick the power or wall switch quickly again, OFF and ON.
  - The current level is saved as new default brightness for the light fixture.

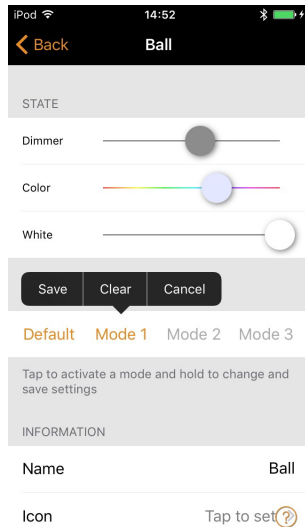
It is always possible to change the default brightness by starting the dimming process over again.

#### Set the default brightness level back to maximum:

- \_ Flick the power or wall switch OFF and ON once.
  - The dimming process will start again.
  - When the brightness level reaches the maximum value it is set as a new default for the light fixture.

## ‘Smart Switching’ feature

### 9.2. ‘Cycle through’ mode



If you have set different modes for the luminaire with the Control App, you can assign the power switch to control them. Modes can be different dimming levels, colours or colour temperatures.

#### Set a mode:

- \_ To set a mode, adjust the light level, colour temperature and colour of the luminaire to the desired level and long press the mode you want to save the settings to.  
→ A popup will open.
- \_ Select ‘Save’.
- \_ Repeat the steps to set more modes.
- \_ After you have set all the desired modes, tap the Smart Switching mode and select ‘Cycle through modes’ from the list.

#### Cycle through the modes:

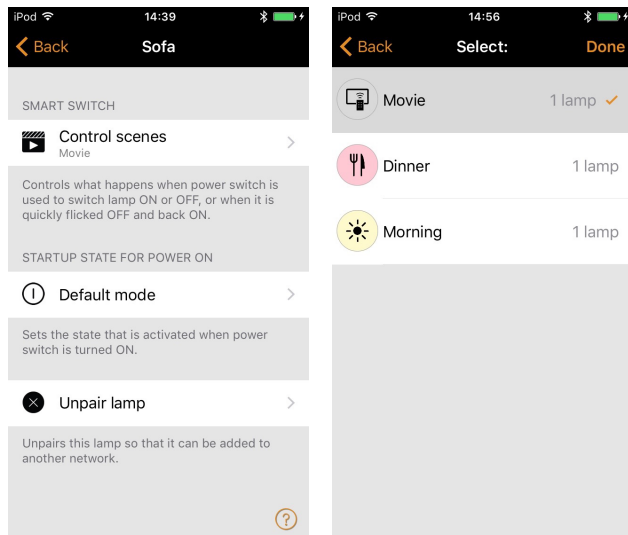
- \_ Flicking the power switch quickly OFF and ON will cycle between the different modes and off: ‘Default’, ‘Mode1’, ‘Mode2’, ‘Mode3’, ‘Off’.

#### **i** NOTICE

Create a standard step dimmer by storing Mode 1 = 75 %, Mode 2 = 50 % and Mode 3 = 25 %.

## ‘Smart Switching’ feature

### 9.3. ‘Control scenes’ mode



If you have created different scenes with the Control App, you can control them from a single power switch.

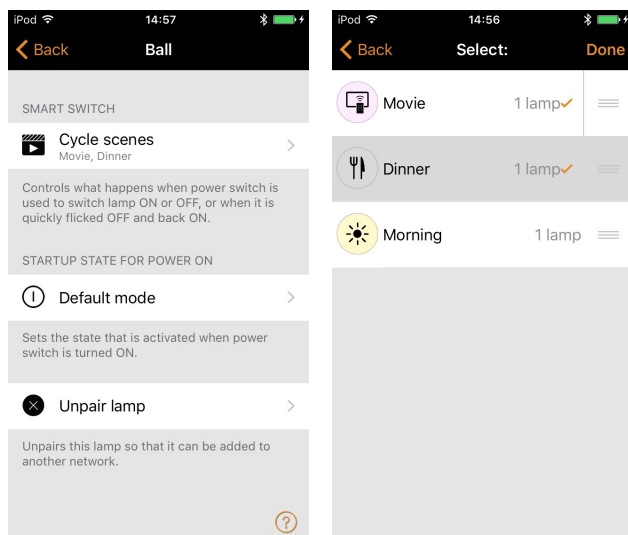
Select which scene you want to control and turning on one luminaire will also turn on all other luminaires in that scene.

Turning off the luminaire will turn off also all the luminaires that are currently controlled by that scene.

#### Change control scenes mode:

- \_ Tap on the desired scene to select it.
- \_ Confirm changes with ‘Done’.

### 9.4. ‘Cycle scenes’ mode





## ‘Smart Switching’ feature

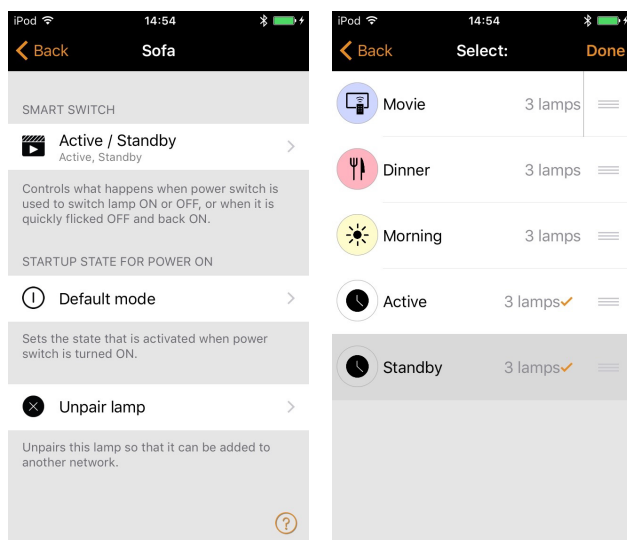
If you have created different scenes with the Control App, you can cycle through them and off with one power switch. Select the scenes you would like to cycle through and flick the power switch off and on to cycle the selected scenes.

- \_ Select the ‘Cycle Scenes’ option from ‘Smart Switching’.
- \_ Tap on the desired scene or scenes to select them.  
It is also possible to change the order of the scenes by dragging and dropping.
- \_ Confirm changes with ‘Done’.

Example selected scenes Movie and Dinner:

- \_ Flick off-on → Movie scene activates
- \_ Flick off-on → Movie scene goes off and Dinner scene activates
- \_ Flick off-on → Dinner scene goes off

## 9.5. ‘Active / standby’ mode

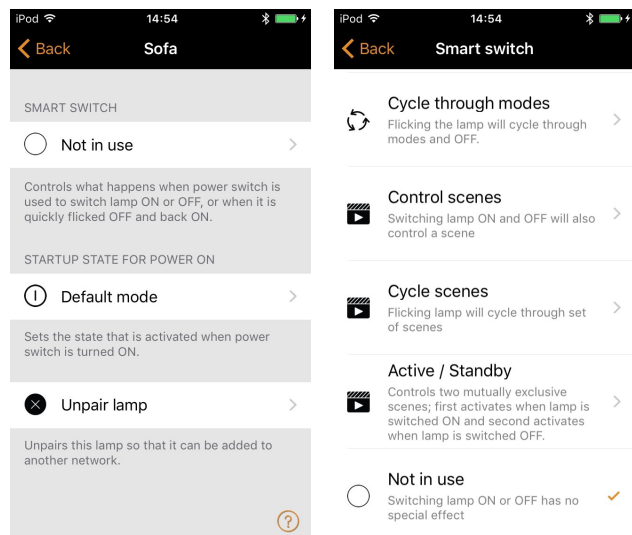


With the ‘Active / Standby’ mode you can control two scenes that have the same luminaires in them. Create two scenes, one active scene that should turn on when the controlling luminaire is turned on and one Standby scene that is turned on when the controlling luminaire is turned off. This mode can be used for example with motion sensors.

When motion is detected, the luminaires will go to full light level and when there is no motion the luminaires are dimmed to 30 %.

## ‘Smart Switching’ feature

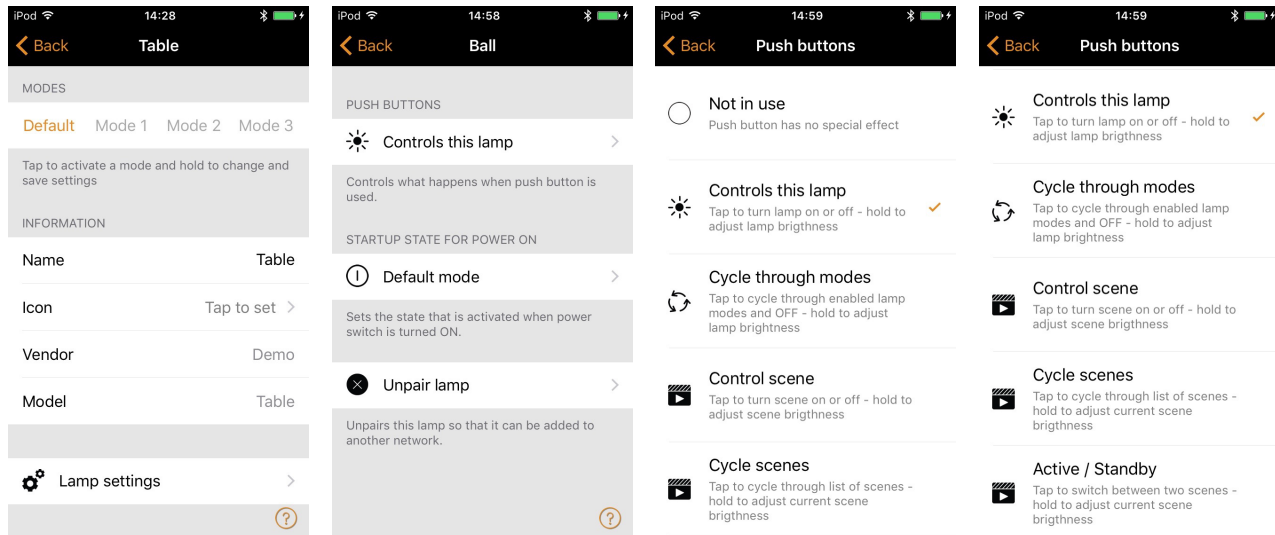
### 9.6. ‘Not in use’ mode



Sometimes it is necessary that the power switch doesn't do anything when used. The ‘Not in use’ option will disable the ‘Smart Switching’ feature.

# Push button modes

## 10. Push button modes



If you use a push button to control your luminaire, you can select the configuration for the push button in the Control App. You can use it to dim the luminaire or control several luminaires with one push button. It is possible to assign different modes to each luminaire's push button that is connected to the Control App.

For example you can use Push buttons to switch on several lamps when you come home or switch the lighting to be suitable for dinner party or watching a movie.

### Assign a mode to a Control App push button:

- \_ Go to 'Lamps' tab.
- \_ Double tap the lamp control you want to change the push button configuration to.
- \_ Under 'Push Button' tap the current mode to open the 'Push button' selection.  
As a default the mode is 'Controls this lamp'

There are seven different Push Button modes:

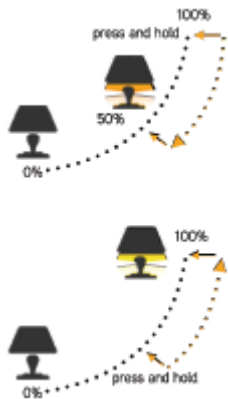
- \_ 'Not in use'
- \_ 'Controls this lamp' - controls one luminaire
- \_ 'Adjust lamp temperature' - controls one luminaire (for tunable white luminaires only)
- \_ 'Control scene' - controls one or multiple luminaires
- \_ 'Cycle scenes' - controls one or multiple luminaires
- \_ 'Active/Standby' - controls one or multiple luminaires

### 10.1. 'Not in use' mode

Push button has no special effect. It will only turn on/off the luminaire.

## Push button modes

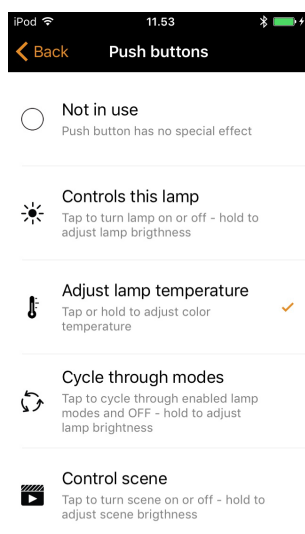
### 10.2. 'Controls this lamp' mode



As a default luminaires are set to use the 'Controls this lamp' Push Button mode. This means you can use the luminaires push button for dimming and setting the default light level.

- \_ To start the dimming process, press down and hold the push button.  
→ The light will start to dim down.
- \_ Once the light has reached the desired brightness level, let go of the push button.  
→ The current level is saved as new default brightness for the light fixture.  
→ Next time when you press down and hold the push button the light level will start to dim up.
- \_ Once the light has reached the desired brightness level, just let go of the push button.

### 10.3. 'Adjust lamp temperature' mode



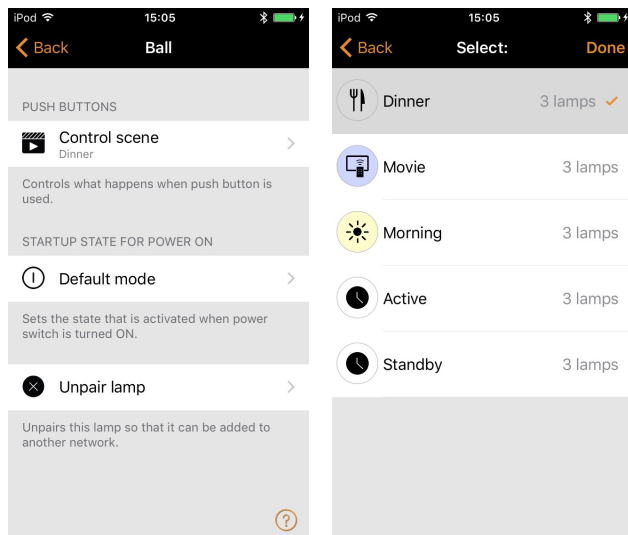
If you have a tunable white luminaire you can also control the colour temperature with a push button.

- \_ With one press the temperature is changed from cool to warm and with second press from warm to cool.

## Push button modes

- \_ With press and hold the temperature is changed slowly.

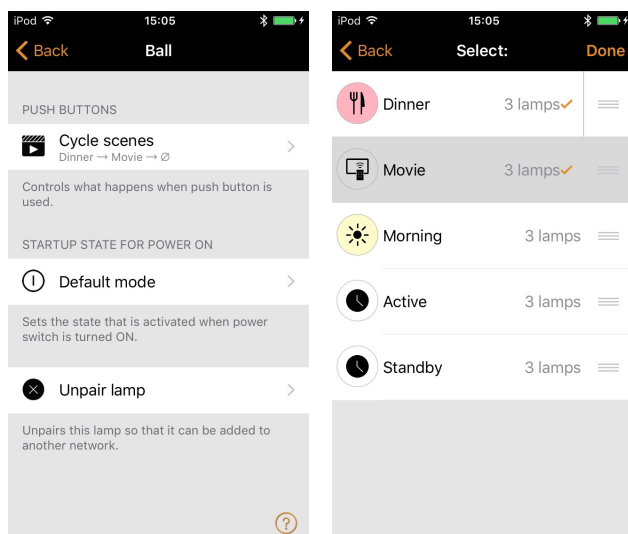
### 10.4. 'Control scene' mode



If you have created different scenes with the Control App, you can control them from a single push button. Select which scene you want to control and switching on one luminaire will also switch on all other luminaires in that scene. Pressing and holding the push button will adjust the scene brightness and save it as new brightness for that scene. Switching off the luminaire will switch off also all the luminaires that are currently controlled by that scene.

- \_ Select the 'Control Scenes' option from Push Button options and tap on the desired scene or scenes to select them.
- \_ Confirm changes with 'Done'

### 10.5. 'Cycle scenes' mode



## Push button modes

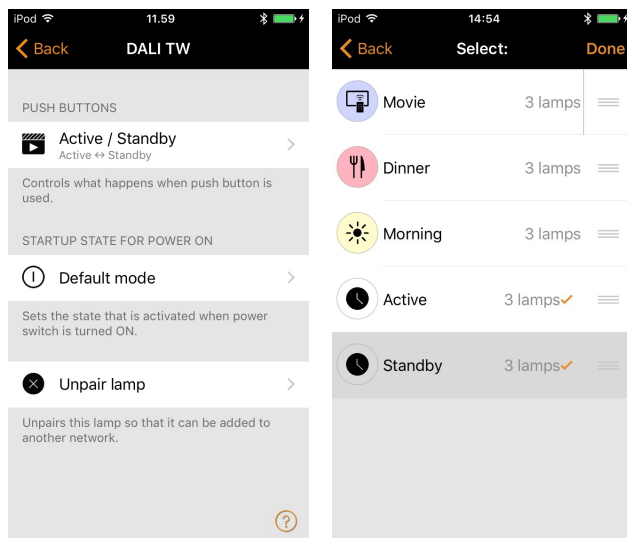
If you have created different scenes with the Control App, you can cycle through them and off with one push button. Select the scenes you would like to cycle through and click the push button to cycle the selected scenes and off. Pressing and holding will adjust the current scene brightness and save it as new brightness for that scene.

- \_ Select the 'Cycle scenes' option from 'Push button' options and tap on the desired scene or scenes to select them.  
It is also possible to change the order of the scenes by dragging and dropping.
- \_ Confirm changes with 'Done'

Example: Selected scenes: Movie and Dinner.

- \_ Click push button -> Dinner scene activates
- \_ Click push button -> Dinner scene goes off and Movie scene activates
- \_ Click push button -> Movie scene goes off

### 10.6. 'Active / standby' mode



With 'Active/Standby' mode you can control two scenes that have the same luminaires in them. Create two scenes, one active scene that should turn on when the push button is pressed for the first time and one Standby scene that is turned on when the push button is pressed for the second time.

For example with the first press the luminaires will go to full light level and with the second press the luminaires are dimmed to 30 %.

## Reference list

### 11. Reference list

#### 11.1. Additional information

- \_ Webpage basicDIM Wireless: <http://www.tridonic.com/com/en/products/basicdim-wireless.asp>
- \_ Webpage basicDIM Wireless User Interface:  
<http://www.tridonic.com/com/en/products/basicdim-wireless-user-interface.asp>
- \_ Data sheets: Go to above web page link and click "Downloads" > "Data sheet"
- \_ Accessories: Go to above web page link and click "Downloads" > "Accessories"

#### 11.2. Downloads

- \_ Tridonic software: <http://www.tridonic.com/com/en/software.asp>
- \_ Download masterCONFIGURATOR: <http://www.tridonic.com/com/de/software-masterconfigurator.asp>
- \_ Download Casambi App:  
<https://itunes.apple.com/app/casambi/id731859317> (Apple App Store),  
<https://play.google.com/store/apps/details?id=casambi.ambi> (Google Play Store)

#### 11.3. Technical data

- \_ Data sheets: <http://www.tridonic.com/com/en/data-sheets.asp>
- \_ Company certificates: <http://www.tridonic.com/com/en/company-certificates.asp>
- \_ Environmental declarations: <http://www.tridonic.com/com/en/environmental-declarations.asp>
- \_ LED/lamp matrix: <http://www.tridonic.com/com/en/lamp-matrix.asp>
- \_ Operating instructions: <http://www.tridonic.com/com/en/operating-instructions.asp>
- \_ Other technical documents: <http://www.tridonic.com/com/en/technical-docs.asp>
- \_ Tender text: <http://www.tridonic.com/com/en/tender.asp>
- \_ Declarations of conformity: Available documents are found on each product page of our website in the "Certificates" tab for the specific product, [www.tridonic.com/com/en/products.asp](http://www.tridonic.com/com/en/products.asp)