

# MESH

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## Application User Guide

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## 1.0 MINIMUM SYSTEM REQUIREMENTS

To configure your Mesh lamp and control it wirelessly via your device, download the LUCEPLAN MESH app available at “Apple store” and “Play Store”.

The LUCEPLAN MESH app requires the following minimum system requirements:

- Android: from version 6.0 onwards
- iOS: from version 9.0 onwards

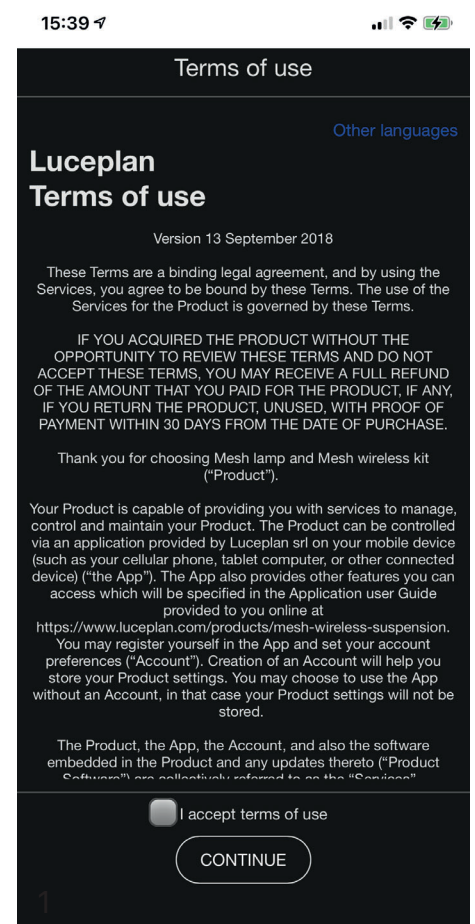
### **N.B.**

**The lamp is fitted with a wifi device that transmits at 2.4 GHz.**

**Therefore, it is only possible to connect Mesh to local networks transmitting at the same frequency.**

## 2.0 TERS OF USE

Before you can start using the Luceplan Mesh app, please accept the terms of use.



### 3.0 LUCEPLAN ACCOUNT CREATION

The first time you log in, the welcome page will appear, shown alongside, inviting you to register your profile and create a Luceplan account.

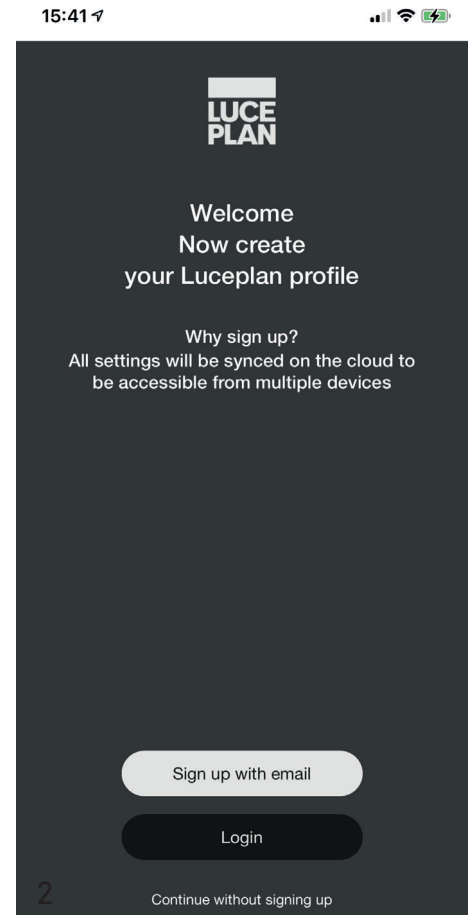
#### **N.B.**

**LUCEPLAN RECOMMENDS THAT YOU REGISTER YOUR PROFILE SO THAT ALL YOUR SETTINGS ARE SYNCHRONISED ON THE CLOUD, MAKING THEM ACCESSIBLE FROM MULTIPLE DEVICES WHILE ENSURING OPTIMAL INTERACTION WITH THE LAMP.**

If you have your own Luceplan account, you can login from this page.

If you do not want to sign up, choose “Continue without signing up”.

If you choose “Sign up with email”, you will be directed to the “Sign up” page.



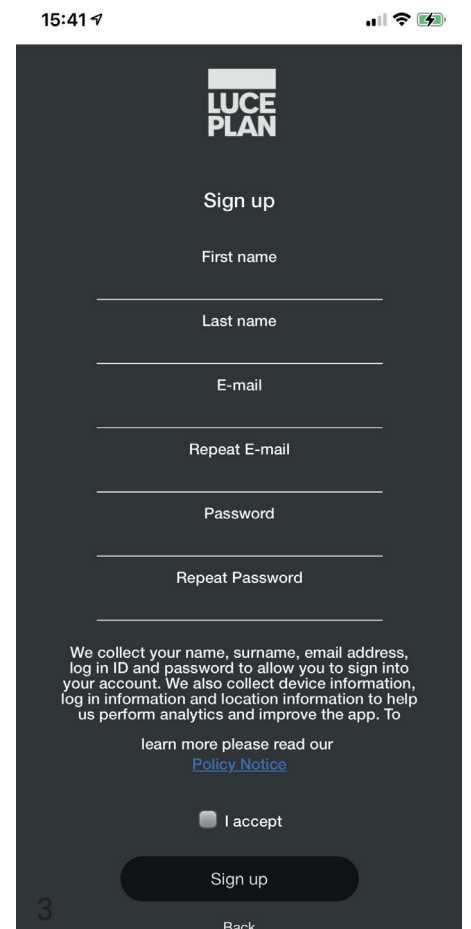
The “Sign up” page lets you enter all the necessary data to create a Luceplan account.

Enter your name and surname, your e-mail address and your password.

As an additional confirmation, the app will ask you to repeat both your e-mail address and your password. Once you have completed all the fields, before choosing “Sign up” to continue with the registration, you must accept the Privacy Policy which can be found at the following link.

If you do not want to continue, choose “Back”.

By choosing “Sign up”, you will be directed to the lamp configuration page.



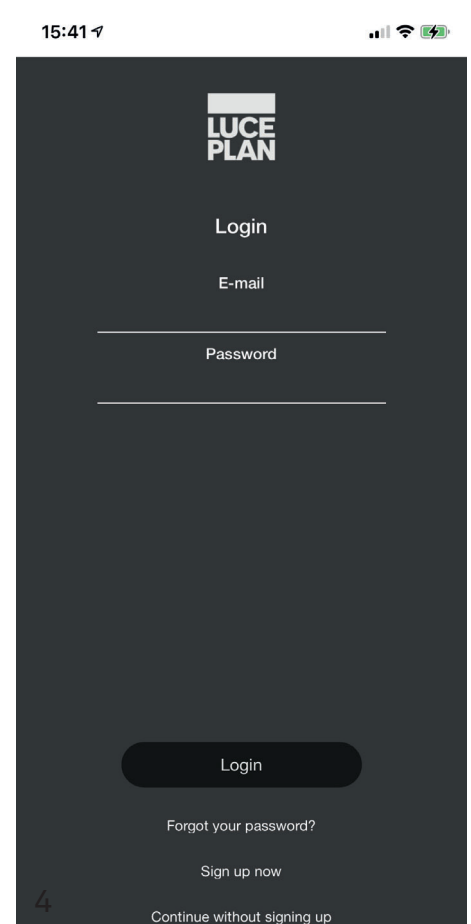
The “Login” page lets you access the Luceplan Mesh app and configure the lamp by saving the settings in the cloud, thus making them accessible from other devices while guaranteeing optimal interaction with the lamp.

If you choose to log in, enter the e-mail and password you used to sign up, then choose “Login”.

If you cannot remember your password, choose “Forgot your password?” and you will be directed to the recover password page. Then provide the e-mail address to which the recovery password should be sent.

If you have not signed up yet and wish to do so, choose “Sign up now”: you will be redirected to the “Sign up” page.

If you do not want to sign up, choose “Continue without signing up”.

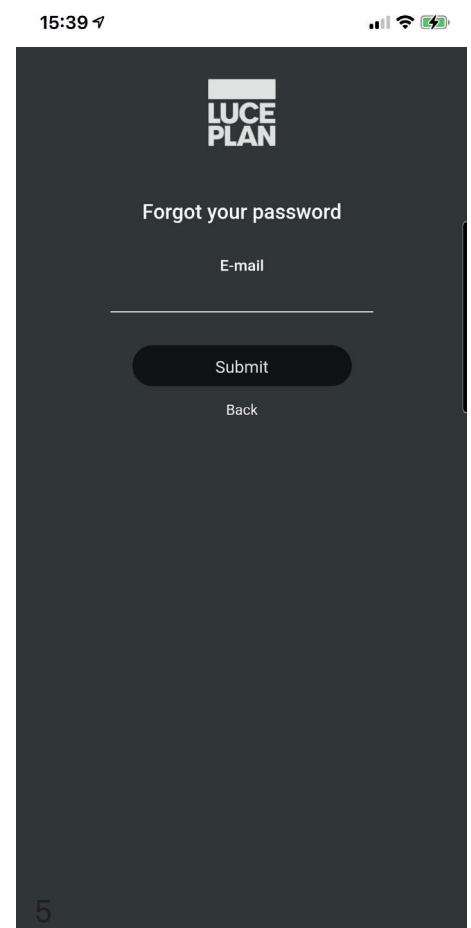


The “Recover password” page starts the password recovery procedure.

Complete the “E-mail” field by entering the e-mail address you signed up with, then press the “Submit” button.

An e-mail containing the recovery password will be sent to your e-mail address used to sign up.

Press “Back” if you do not want to continue with the password recovery procedure.



## 4.0 LAMP CONFIGURATION

### 4.1 CONNECTION TO LOCAL WIFI NETWORK (RECOMMENDED)

Each new lamp must be configured before being used. This operation is performed just once and lets you connect the lamp to the local wifi network and, as a consequence, pair it with your device.

The screen opposite is an information page that shows the operations required to configure the lamp.

Select “Next” to continue with the configuration.

N.B.

By pressing “Next” for at least 5 seconds, you are directed to a hidden function (see “DIRECT CONNECTION TO THE LAMP” on page 13).

By selecting “Cancel”, you are redirected to screen 2 on page 5.



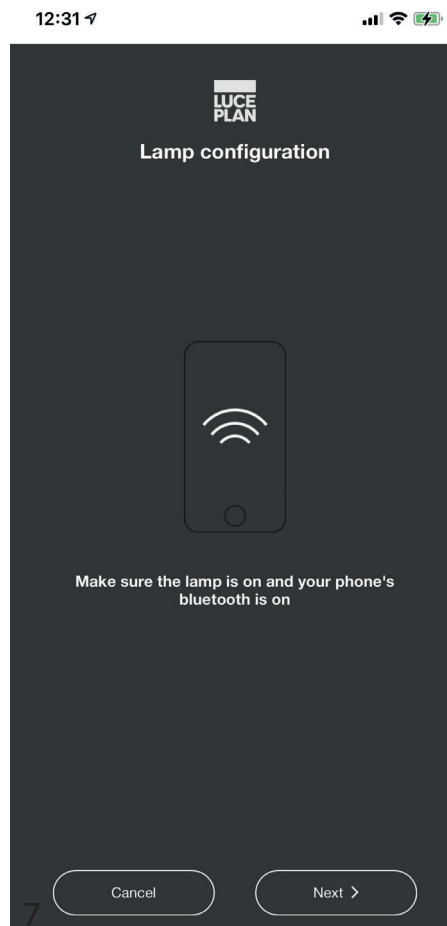
This page is the first step to configuring the fixture.

The page contains a warning asking you to make sure that the lamp and the device's bluetooth are switched on.

If the lamp is not switched on and/or the bluetooth on the device is not active, switch both on.

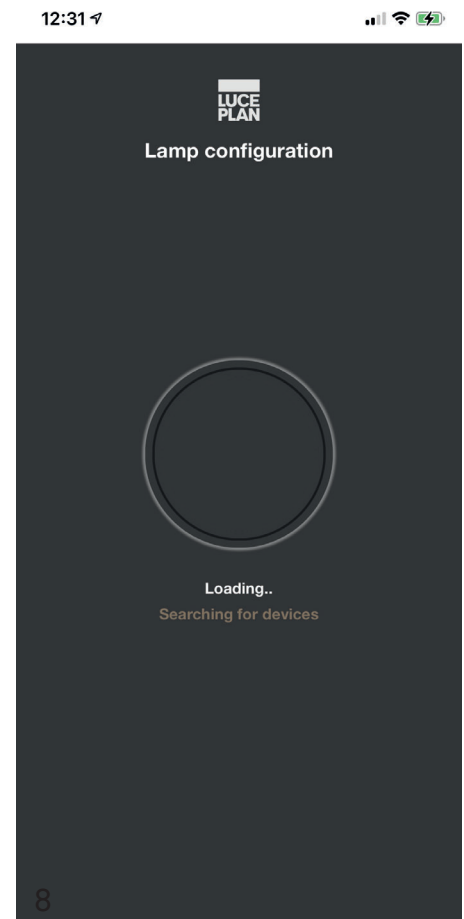
Select “Next” to continue with the configuration.

By selecting “Cancel”, you are redirected to screen 2 on page 5.



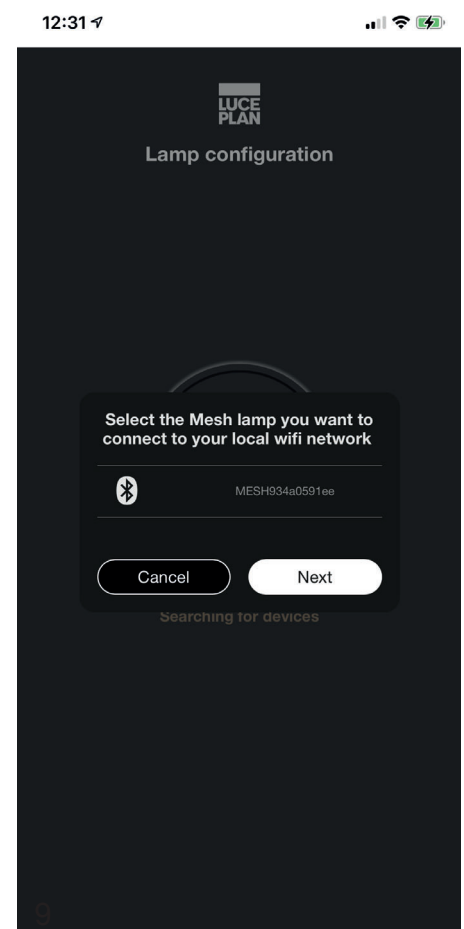
This page appears after pressing “Next” on the previous page and indicates that the app is searching for the lamp to be configured.

Once this operation has been completed, the message appears to select the lamp to be connected to the local wifi network.



Click on the appearing code to select the lamp.

By selecting “Cancel”, you are redirected to screen 2 on page 5.

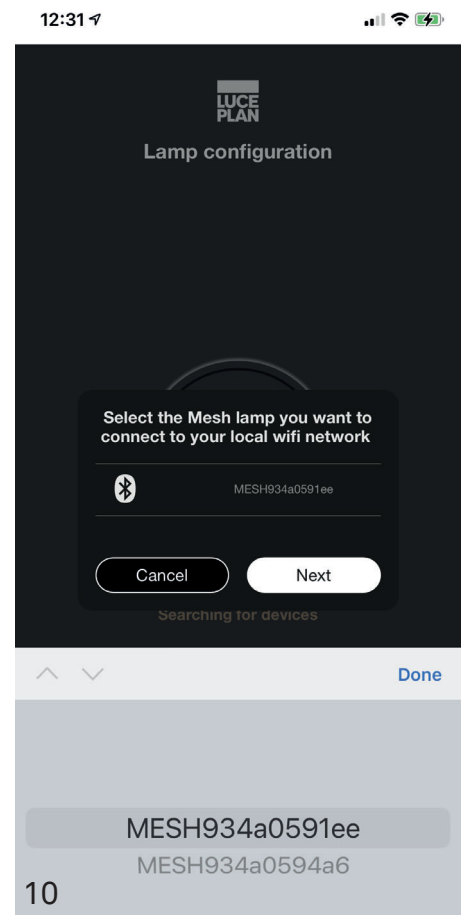




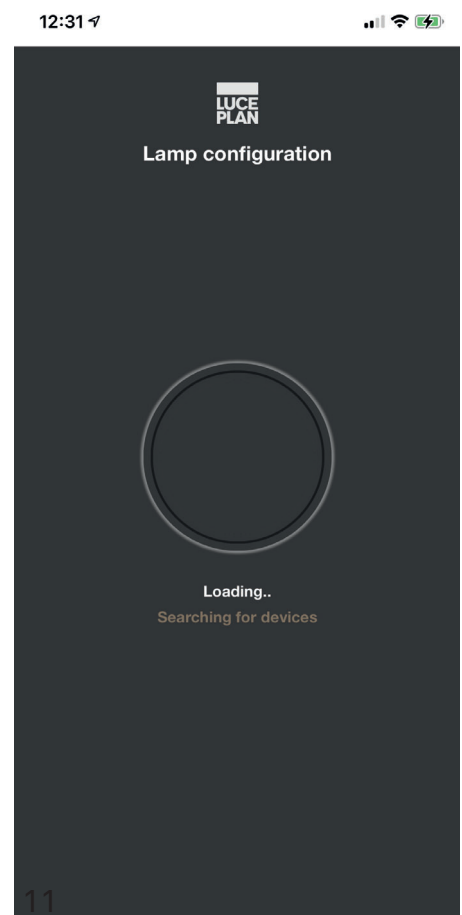
A list of lamps opens, if there is more than one lamp to be configured. By clicking on a code other than the pre-selected one, the corresponding lamp will flash once in order to be identified.

Then select the desired lamp and click on “Next”.

By selecting “Cancel”, you are redirected to screen 6 on page 7.



This page appears after pressing “Next” on the previous page and indicates that the app is waiting for the lamp. Once this operation has been completed, the screen to connect to the local wifi network is displayed.



Enter your network credentials on the page.  
Click on the “SSID” field to open the list of available networks, select the wifi network you wish to connect to.  
Enter the network password in the “PSK” field.

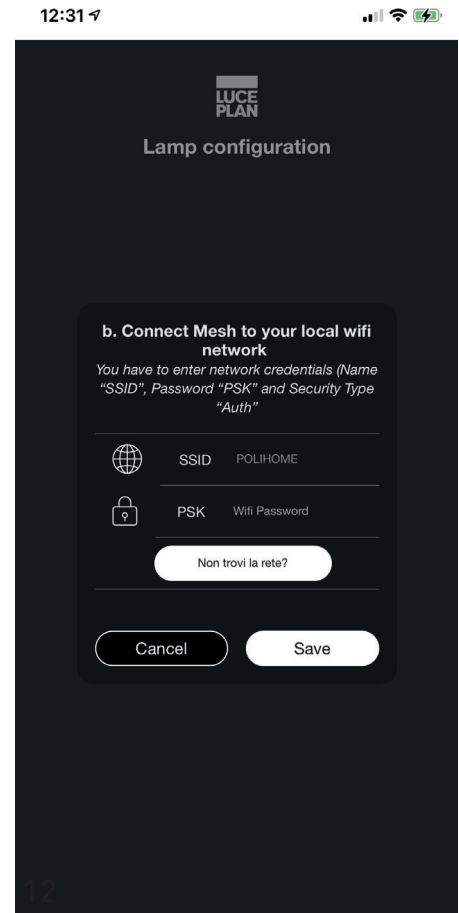
**CAUTION**

**Network names and passwords must not contain the following characters: “. ” - “ , ” - “ ” ” - “ £ ” - “ ° ” - “ / ”.**

Click “Save” to continue with the configuration.  
Click “Cancel” to return to the screen.....of configuration.

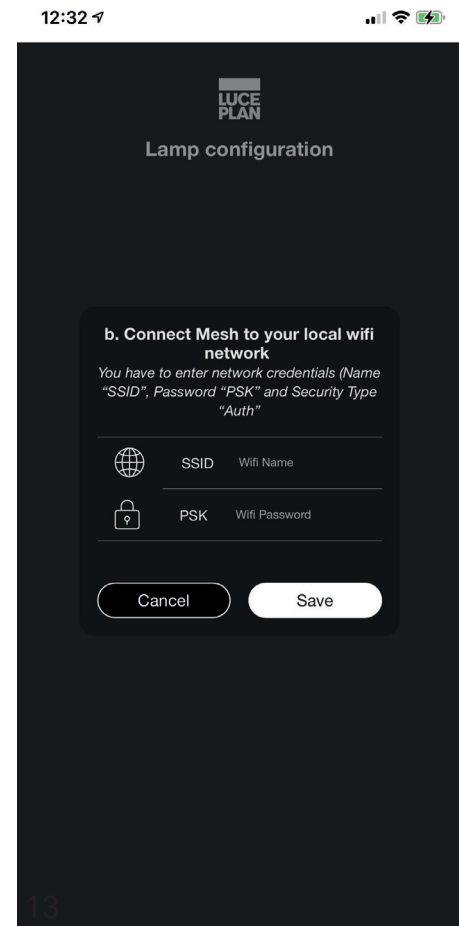
If your local wifi network is not available in the list of networks, click on the button “Can't find the network?”

By selecting “Cancel”, you are redirected to screen 2 on page 5.

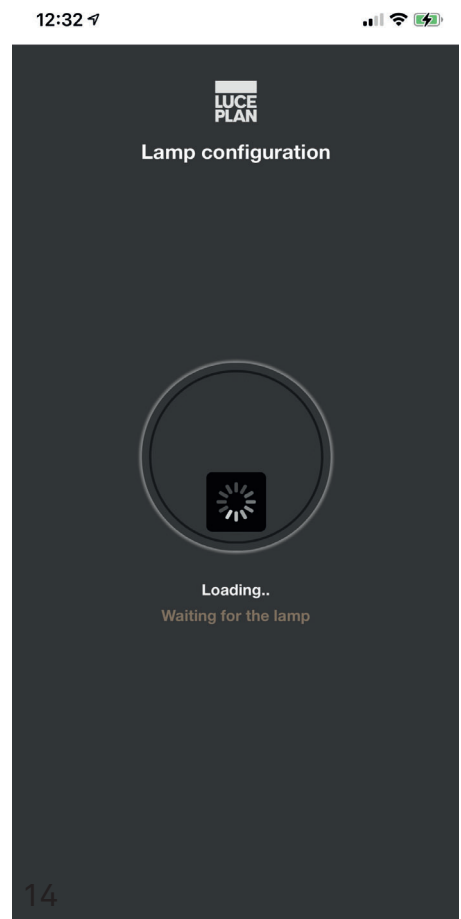


This page appears if you have selected “Can't find the network?”.  
In this case, clicking on the “SSID” field will let you manually enter the name of the local wifi network to connect to.  
Once you have entered the network name, you will need to click on the “PSK” field and enter the network password.  
Then select the “Save” button.

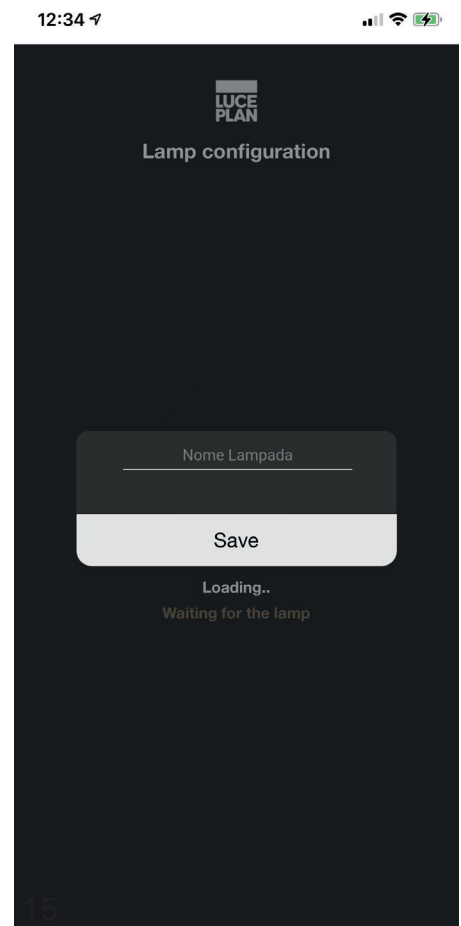
By selecting “Cancel”, you are redirected to screen 2 on page 5.



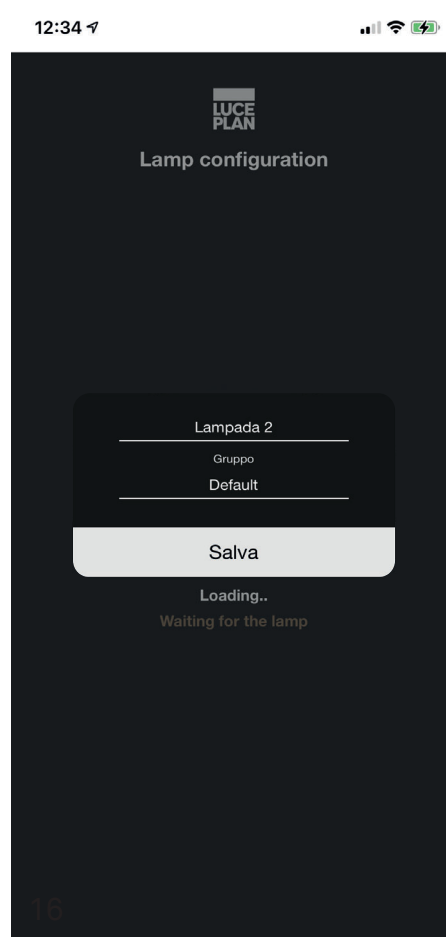
This page appears after pressing “Save” on the screen 12 or 13 and indicates that the app is completing the connection of the lamp to the network. At the end of this operation, a message appears letting you name the lamp.



Click on the “Lamp name” field to name the lamp. Lamp flashes once for confirmation. The click on the “Save” button.



If at least one lamp has already been configured, the screen alongside appears. Click on the first line to name the lamp. The second line indicates that the lamp has been placed in a group of lamps called “Default”, which allows the lamps to be controlled synchronously.



## 4.2 DIRECT CONNECTION TO THE LAMP: MASTER FUNCTION

If you do not have a local wifi network, or if the configuration policies of the local wifi network do not allow access to unknown devices, or if the network allows access to the lamp, but communication between devices associated with the same network does not (e.g. Mesh and smart devices), you can configure a Mesh lamp as the Master. The lamp becomes an access point (Master) that emits a wifi network which you can connect your smart device and any other Mesh lamps to, thus letting you control Mesh through the app.

This function can be accessed by pressing and holding “Next” for at least 5 seconds on the screen shown alongside (see also screen 6 on page 7).

N.B.

A MAXIMUM OF 7 DEVICES CAN BE CONNECTED TO A MASTER LAMP (E.G. SIX MESHES AND ONE SMART DEVICE).

By selecting “Cancel”, you are redirected to screen 2 on page 5.



This message appears if you have pressed and held the “Next” button on the previous page for at least 5 seconds.

Click on “Yes” if you want to continue to the Master configuration.

Click on “No” if you want to return to the standard configuration.

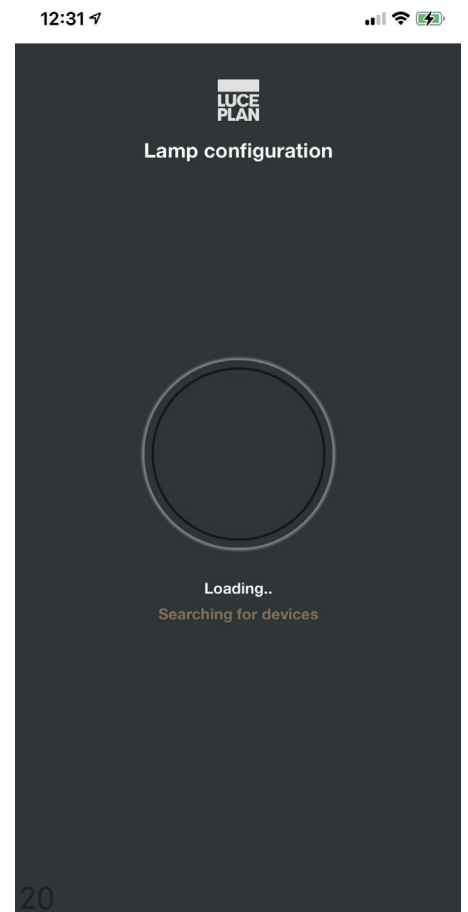


The page contains a warning asking you to make sure that the lamp and the device's bluetooth are switched on. If the lamp is not switched on and/or the bluetooth on the device is not active, switch both on. Select "Next" to continue with the configuration.

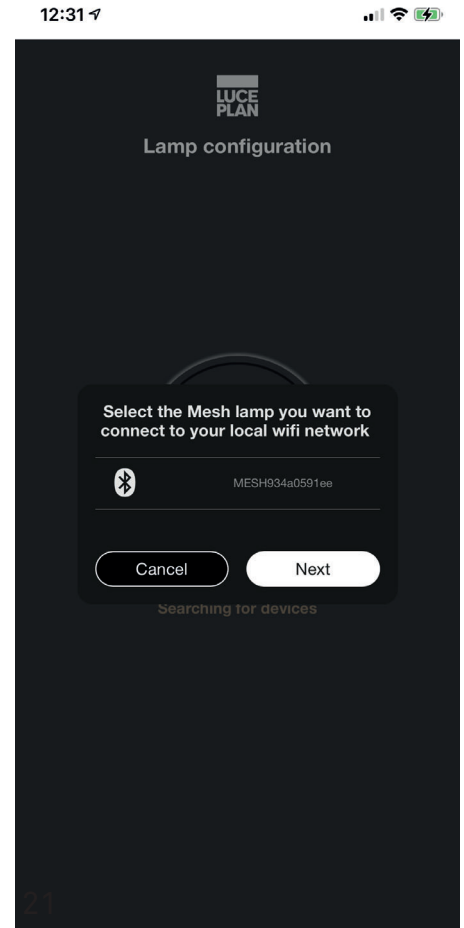
By selecting "Cancel", you are redirected to screen 6 on page 7.



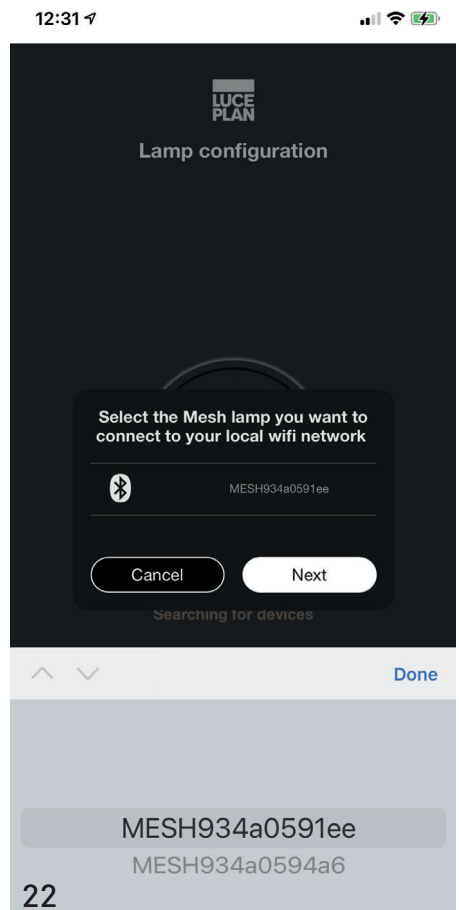
This page appears after pressing "Next" on the previous page and indicates that the app is searching for the lamp to be configured. Once this operation has been completed, the message appears to select the lamp to be configured as an access point (Master).



Click on the appearing code to select the lamp.



A list of lamps opens, if there is more than one lamp to be configured. By clicking on a code other than the pre-selected one, the corresponding lamp will flash once in order to be identified. Then select the desired lamp and click on "Next". By selecting "Cancel", you are redirected to screen 2 on page 5.

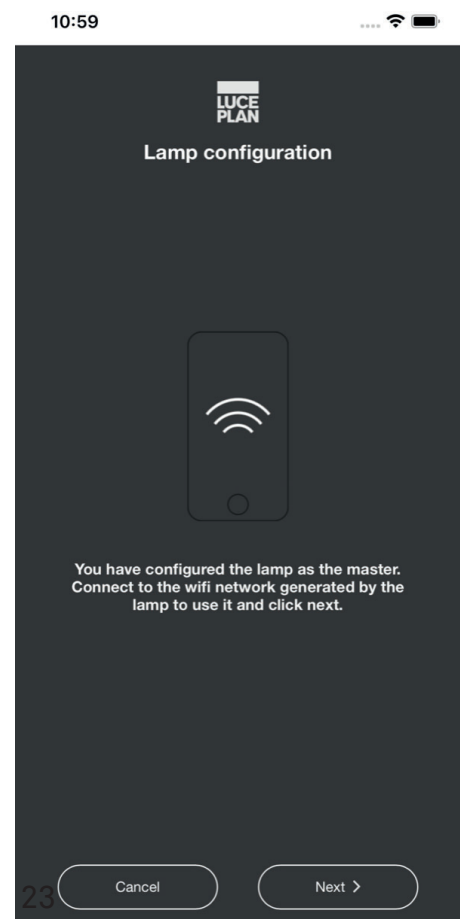


The page confirms that the lamp has been configured as an access point (Master) and asks you to connect to the wifi network generated by Mesh to start using the lamp.

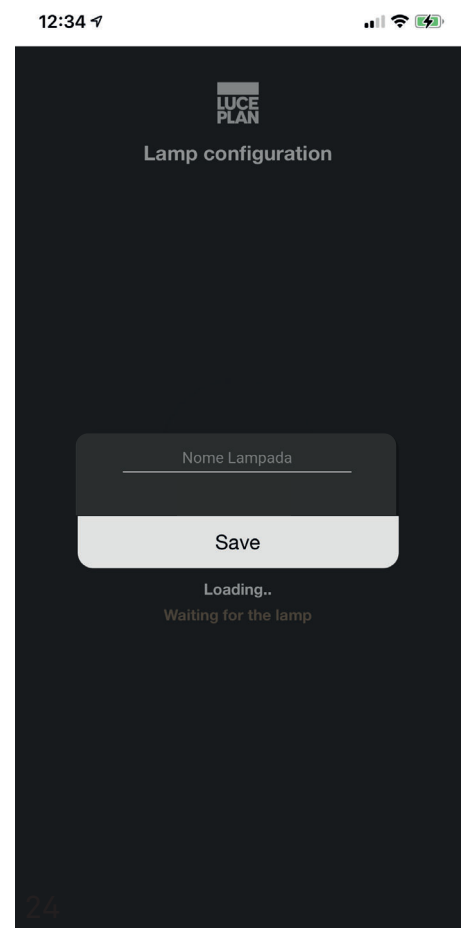
**NB:**

To connect to wifi generated from the lamp password is “luceplan”.

By selecting “Cancel”, you are redirected to screen 2 on page 5.



Click on the “Lamp name” field to name the lamp. Lamp flashes once for confirmation. The click on the “Save” button.





## 5.0 FUNCTIONS / USE

Once the configuration operation is complete, one of the two screens on this page will appear, representing the app's home page.

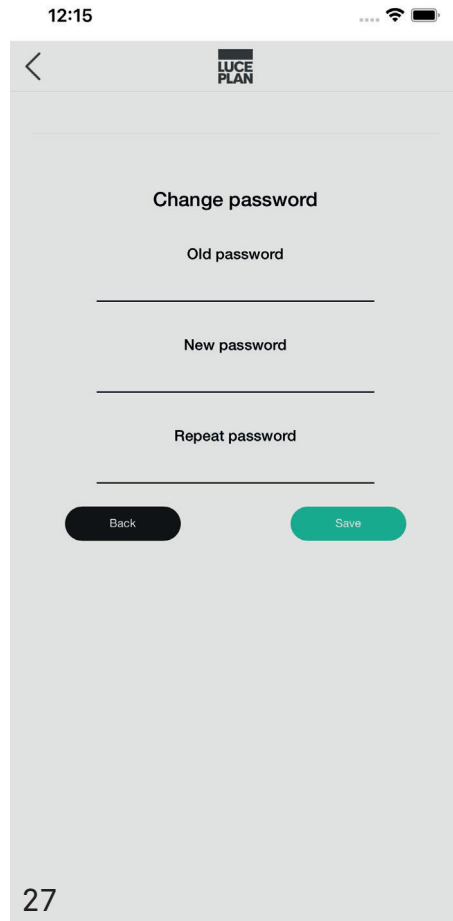
In particular, screen 25 will appear if only one lamp is connected and screen 26 if two or more lamps are connected.

In both screens it is always possible to select the "Login", if you wish to access with your profile, or select "Sign up", if you do not yet have a Luceplan account and want to sign up.

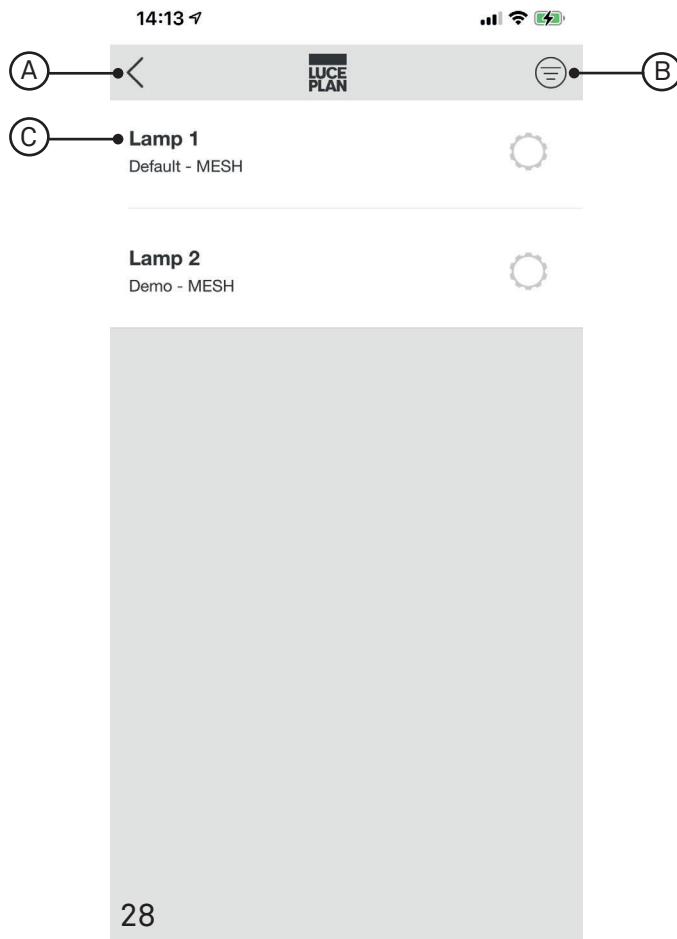
By clicking on "Lamp control" on screen 25 or on "Lamps" on screen 26, screen 29 on page 20 can be accessed.



- A - (?) to access the online help from which you visit the Luceplan website and the app's guide
- B - (👤) to access the user account to reset the password (screen 27 on page 18)
- C - to access the lamp management page (screen 30 on page 21)
- D - to access the lamp list page (screen 28 on page 19)
- E - to access the group management page (screen 46 on page 36)
- F - to add a new lamp
- G - (i) to access the info session (terms of use, privacy notice and open source licence)



On this page you can change your account's password.

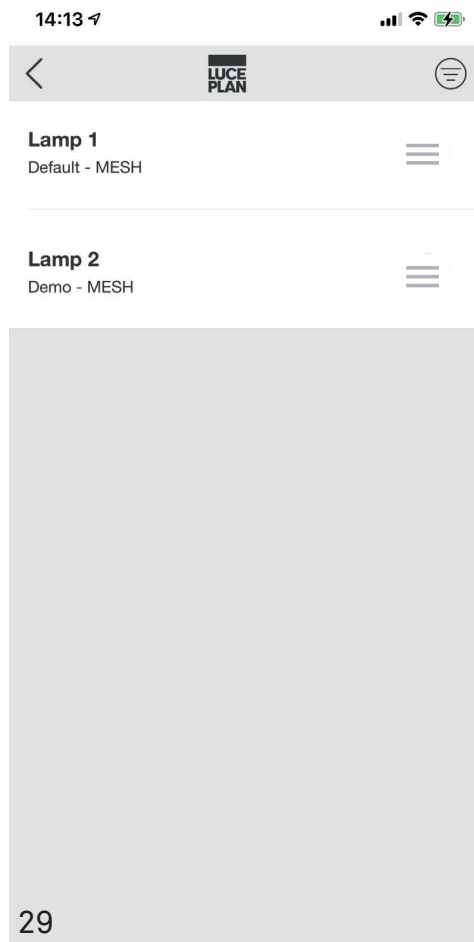




On this page you can view the lamps connected to the device and access the screens regarding the setting and management of the desired lamp.

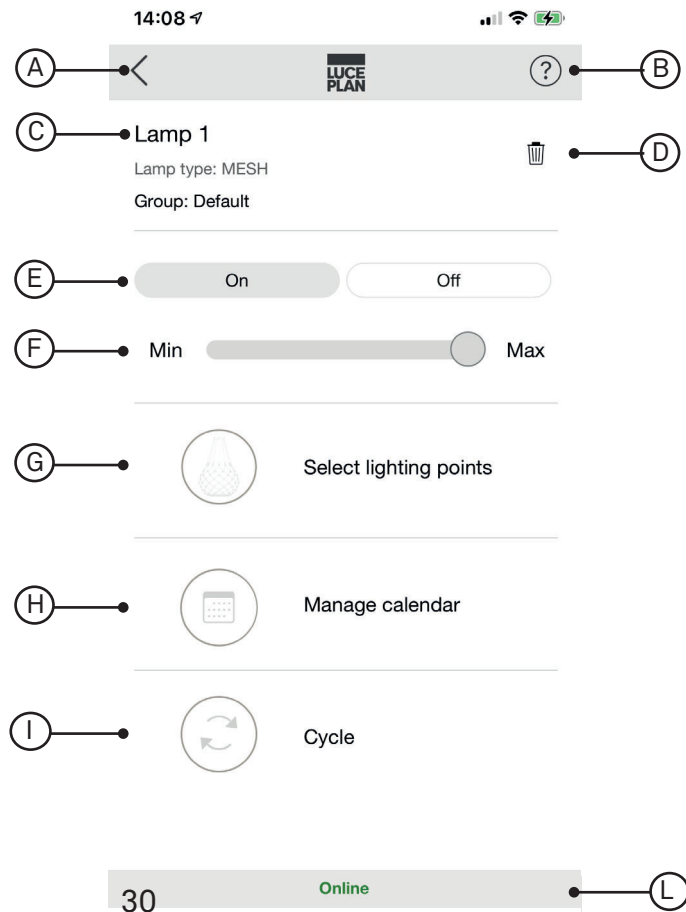
A - < to return to the previous page

B - ☰ to change the order of the lamps in the list, by holding down the “☰” symbol and dragging the line corresponding to the lamp





C - “lamp name” field: to access the lamp management page

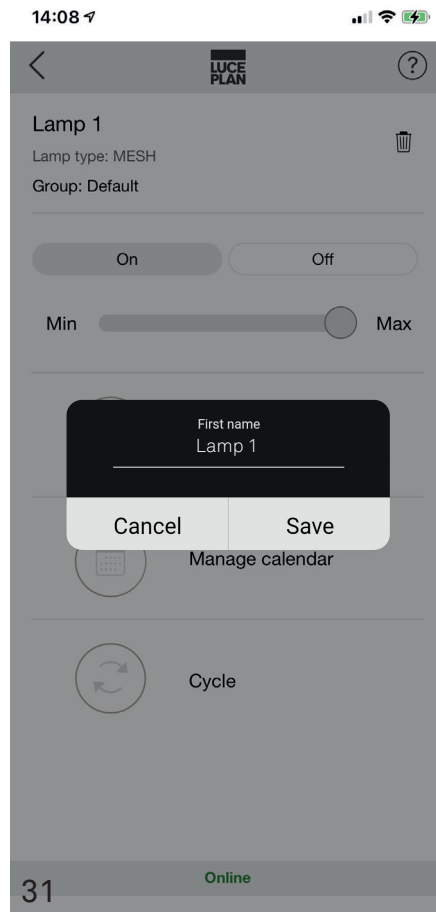


This page appears by pressing the  icon on screen 27 on page 18. To change the order of the lamps, go to the  symbol and then drag the lamp name field to the desired position.

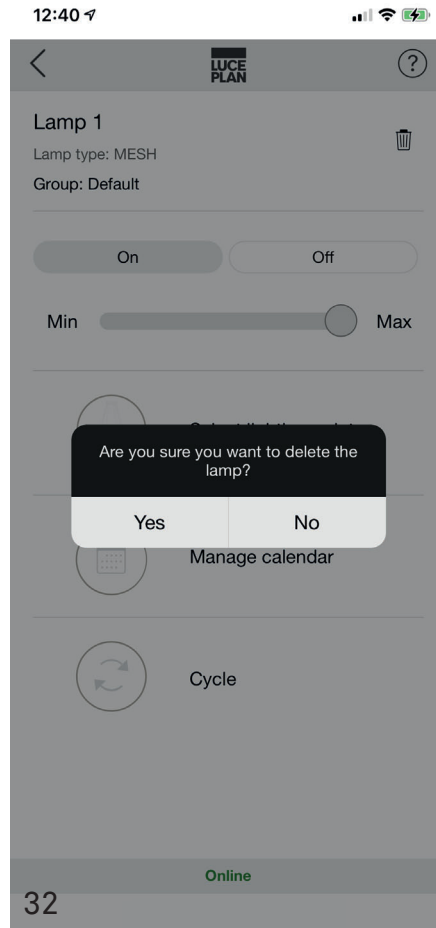



Access this page by pressing the “lamp name” field (ref. C) on screen 27 on page 18. This section lets you change the name of the lamp, delete the lamp from the app, turn the lamp on and off, increase or decrease the light intensity and access other screens that lets you manage other functions of the lamp.

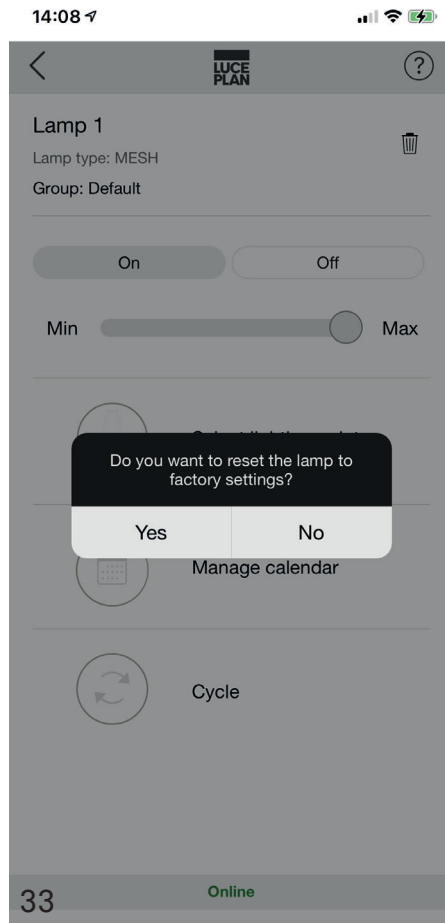
- A - < to return to the previous page
- B - ? to access the online help from which the app’s user guide can be downloaded
- C - “lamp name” field: press this field to change the name of the lamp
- D -  to delete the lamp from the app
- E - “on-off” field: to switch the lamp on and off
- F - “dimming” field: to adjust the light intensity of the lamp
- G -  “Manage lighting points”: to access the management page of the individual lighting points
- H -  “Manage calendar”: to access the calendar function management page
- I -  “Cycle”: to activate a cycle of dynamic scenarios
- L - “online/offline” field: to check whether the lamp is online or offline



This message appears by pressing the “lamp name” field (ref. C, screen 30 on page 21).  
To change the name of the lamp.  
Press “Save” to save the just changed name of the lamp.  
Press “Cancel” to not continue saving.  
After selecting the desired option, the message closes automatically and screen 30 on page 21 is displayed again.

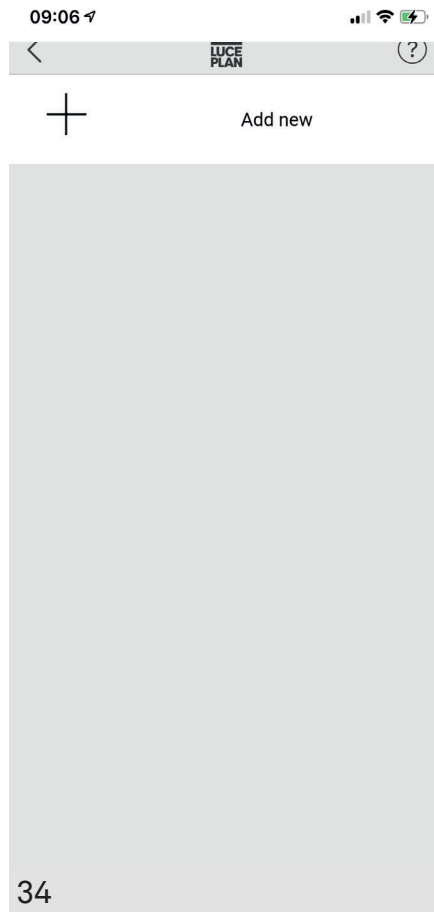


This message appears by pressing the  icon (ref. D, screen 30 on page 21). It asks for confirmation to delete the lamp from the app. Press “Yes” to permanently delete the lamp. Press “No” to cancel the operation. By pressing “No”, the message closes automatically and screen 30 on page 21 is displayed again. By pressing “Yes” a new message opens shown on page 24.

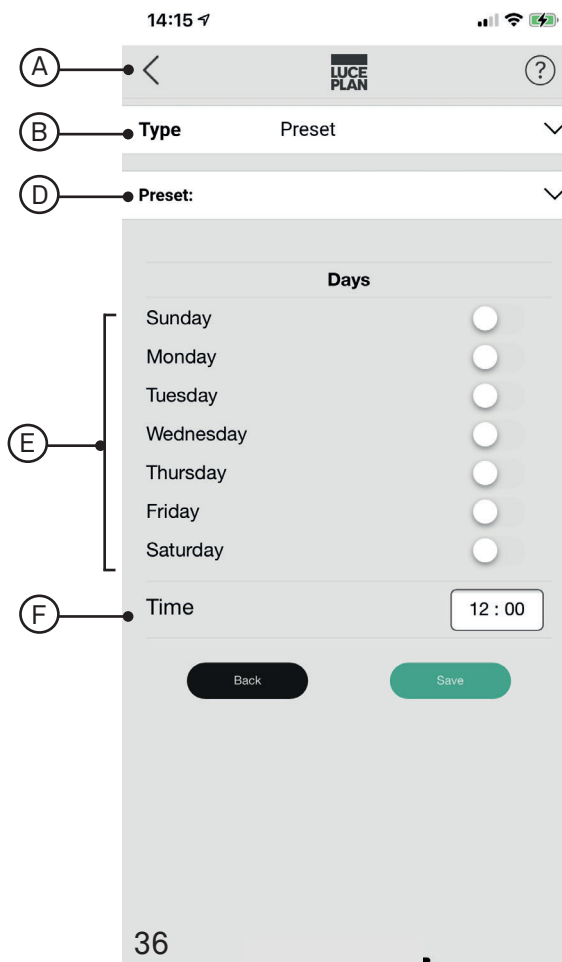
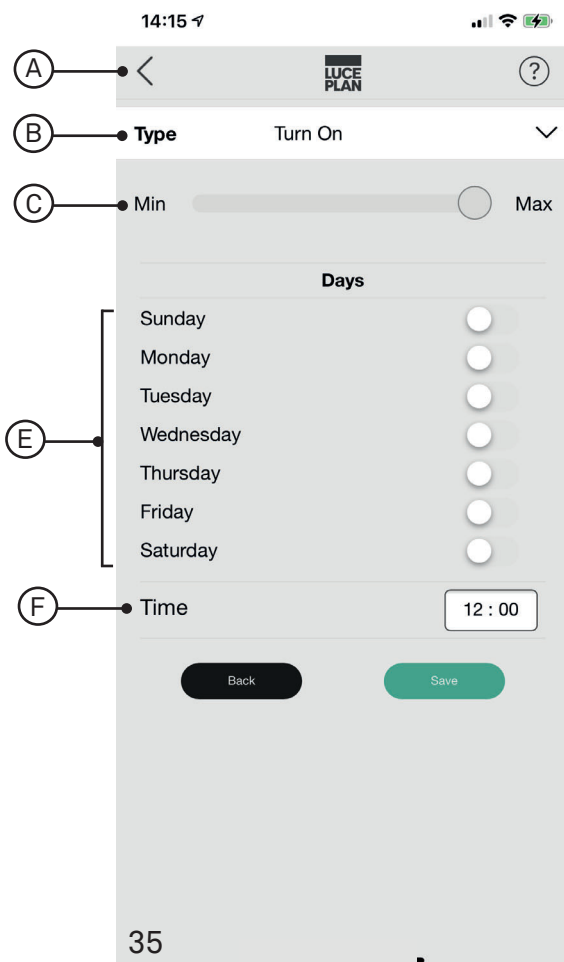


This message is displayed if “Yes” on screen 32 on page 23 has been pressed. It asks if you also want to reset the lamp to factory settings (which lets you configure the lamp again). Press “Yes” to reset to factory settings. Press “No” to cancel the operation. After selecting the desired option, the message closes automatically and screen 30 on page 21 is displayed again.





Access this page by pressing the “Manage calendar” field on screen 30 on page 21 (ref. H). To schedule an event, click on the “Add new command” field. Screen 35 on page 26 will then be displayed.



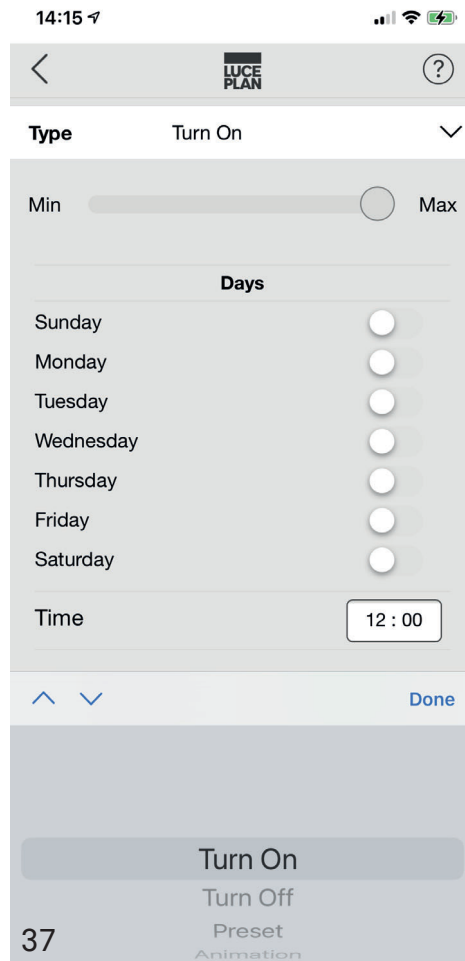
This page lets you set days and times for turning on/off, adjusting the intensity level, selecting a preset, starting an animation (cycle) of the lamp.

- A - < to return to the previous screen
- B - “Action” field: to define the action to be set (turn on/off, preset, animation), ref. screen 37 on page 27
- C - “Min-Max” field: to adjust the intensity level of the light, if you have chosen the “Turn on” action
- D - campo “Preset”: consente di programmare il preset, precedentemente salvato, secondo cui deve accendersi la lampada
- E - campo “Seleziona giorno”: consente di stabilire il giorno/i della settimana in cui impostare l’azione
- F - campo “Orario” consente di definire l’orario in cui l’azione viene impostata

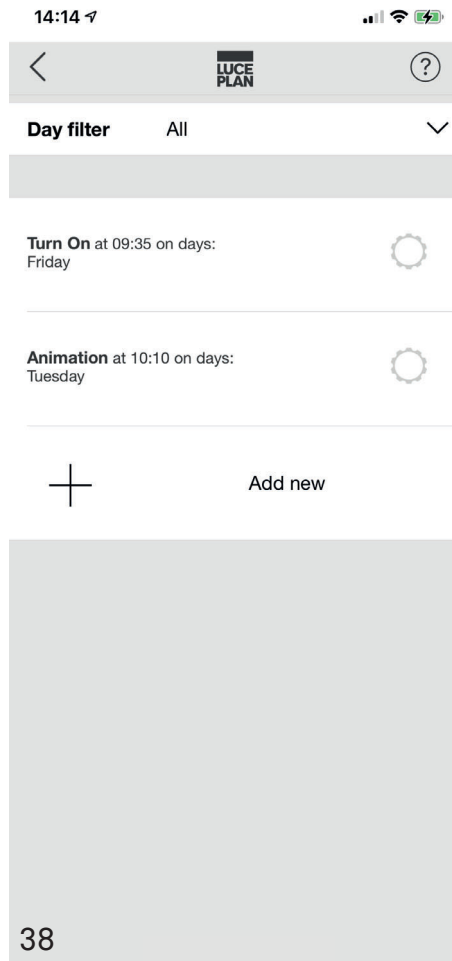
Premere “Salva” per memorizzare l’azione impostata, “Esci” per abbandonare senza salvare la pagina (ritorna alla schermata 34 di pagina 25).

NOTA:

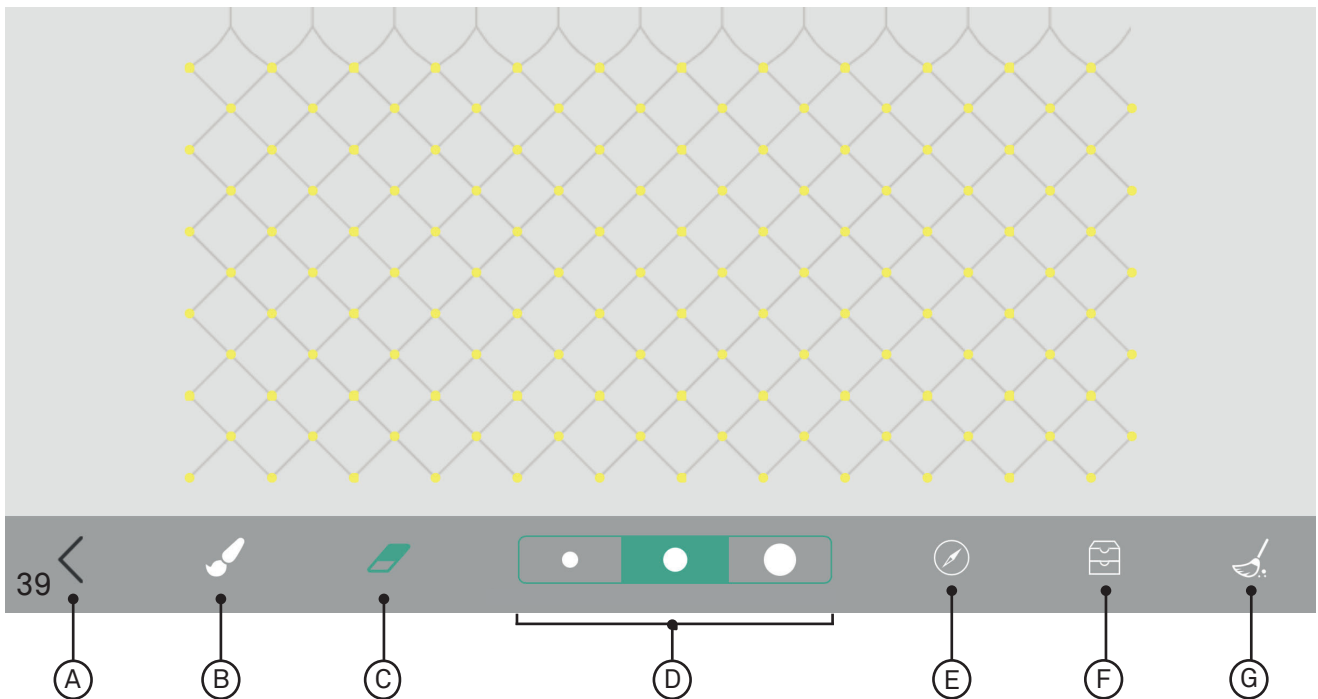
E’ possibile impostare l’orario a step di 5 minuti









This screen appears when you click on the “Action” button and lets you choose the action (turn on/off, preset, animation) to be set in the calendar.

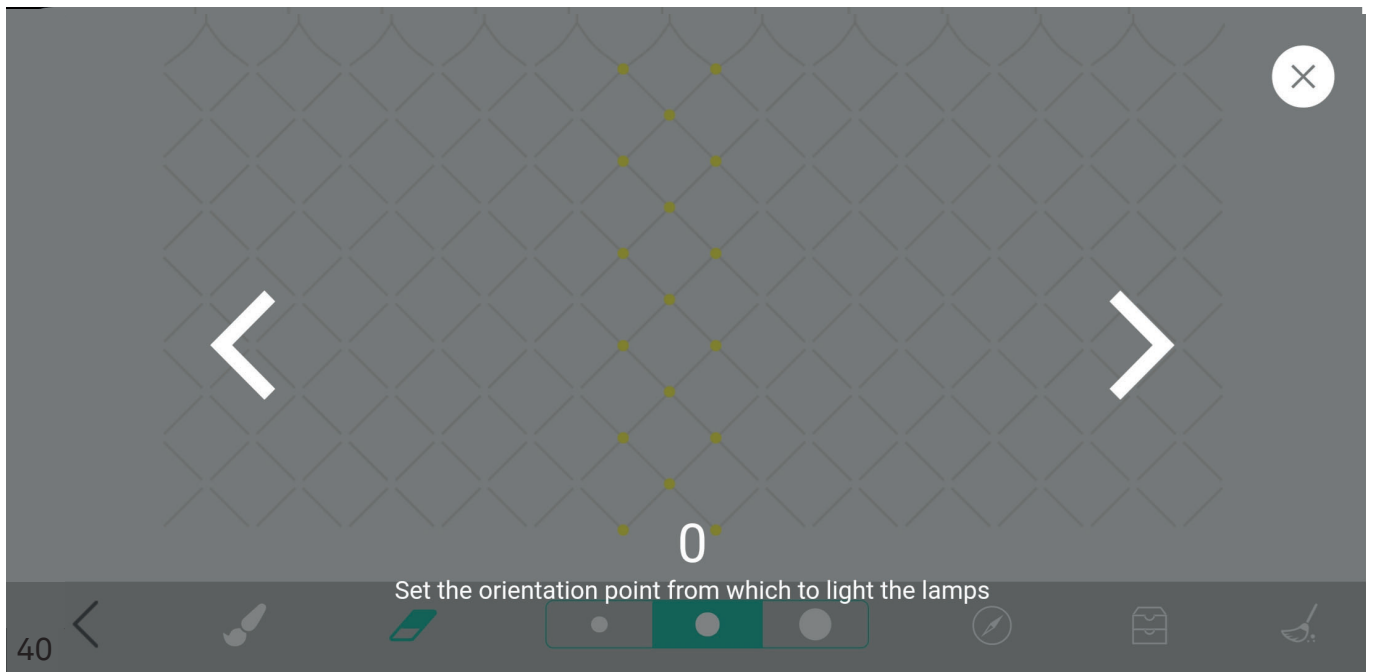



After saving at least one action, the screen above appears, listing the saved programs. Through the “Day filter” you can view the actions scheduled on specific days of the week.

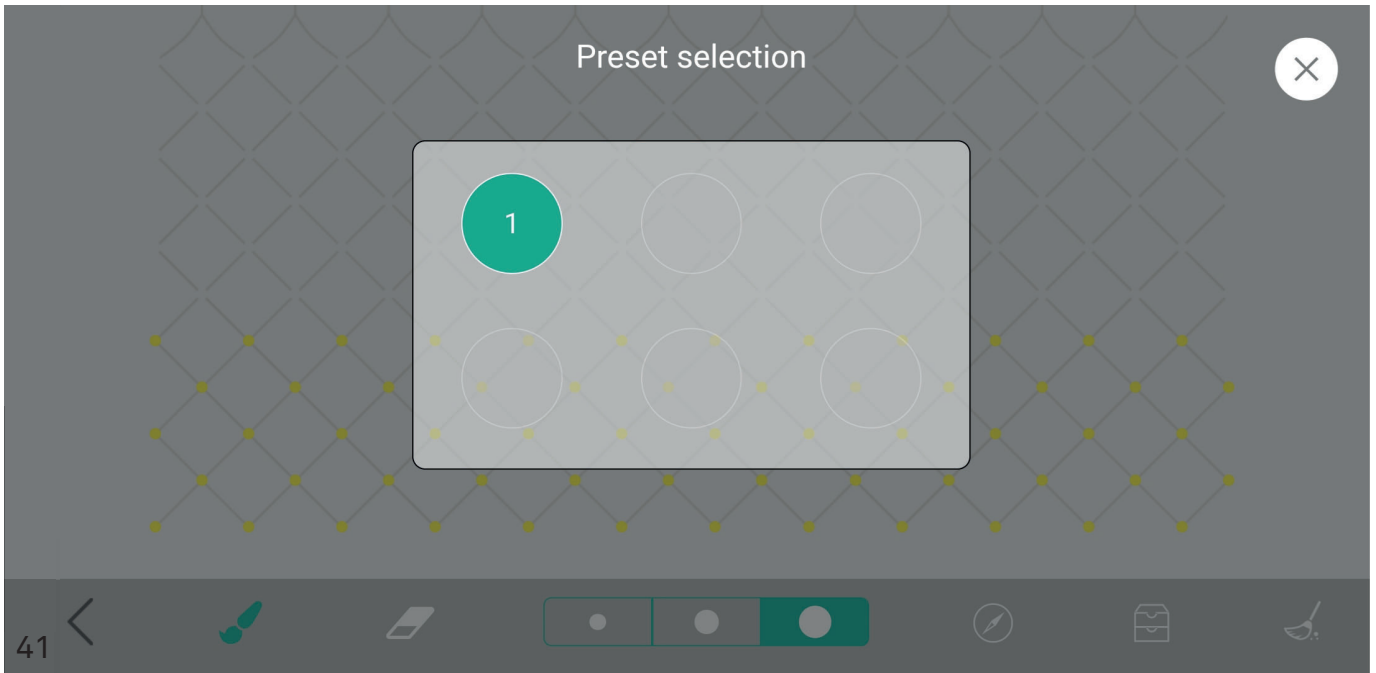



This page appears by pressing the “Manage lighting points” field (ref. G, screen 30 on page 21). The screen represents the mesh structure of the lamp on a flat surface. By acting on the nodes of the diagram, it is possible to set a specific layout of the lamp, choosing how many and which LEDs to turn on/off. It is also possible to save the created layout (up to six presets) for future use.

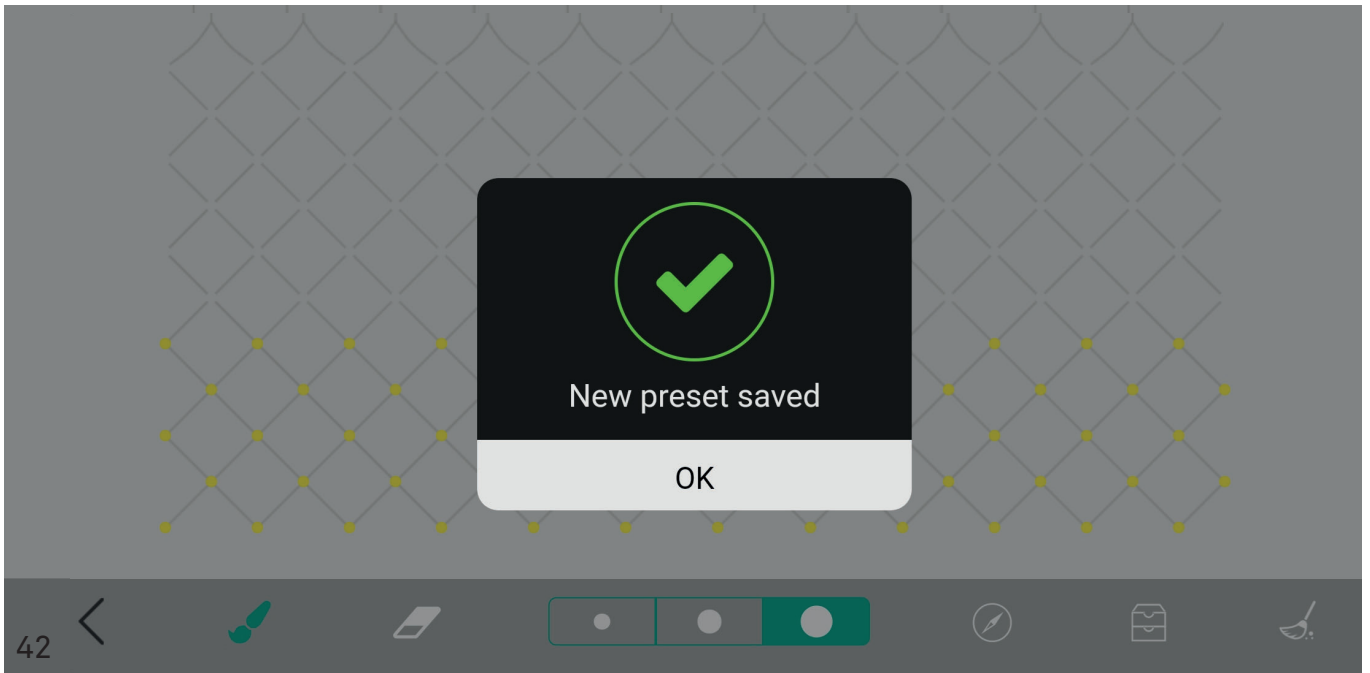
- A - < to return to the previous screen
- B -  if active (green), it turns on the individual lighting points of the lamp
- C -  if active (green), it turns off the individual lighting points of the lamp
- D -  to select the size of the brush/rubber
- E -  to set the central sector of the lamp
- F -  to save the created layout
- G -  to turns off all the lighting points



This screen is displayed if you press the  icon of screen 39 on page 29 (ref. E).  
This function sets the central sector of the lamp, letting you navigate the layout configuration.  
Set the lamp centre by moving with the arrows to the right or left.  
Click "X" to leave the function.

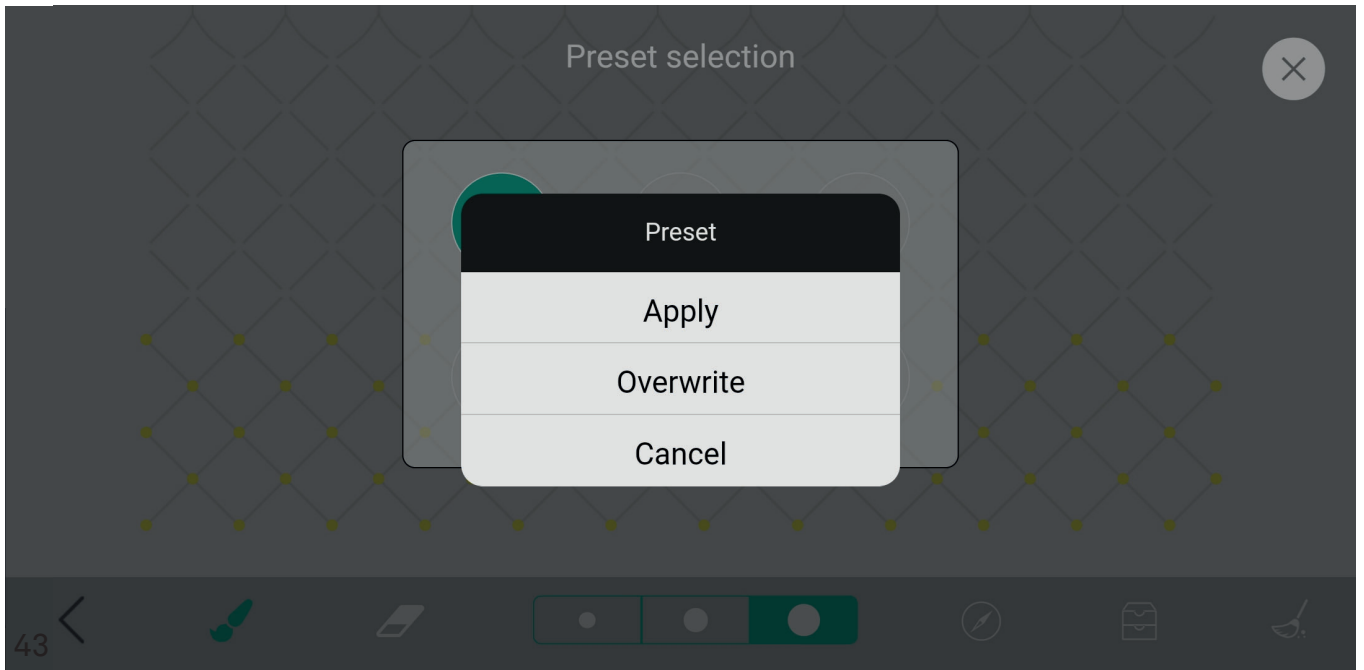


This screen is displayed if you press the  icon of screen 39 on page 29 (ref. F). This function lets you save a newly created layout as a preset. Select the destination by pressing on one of the circles. If the destination is already occupied by a preset, it will have a green background, if the preset is empty, the circle will have a grey background.



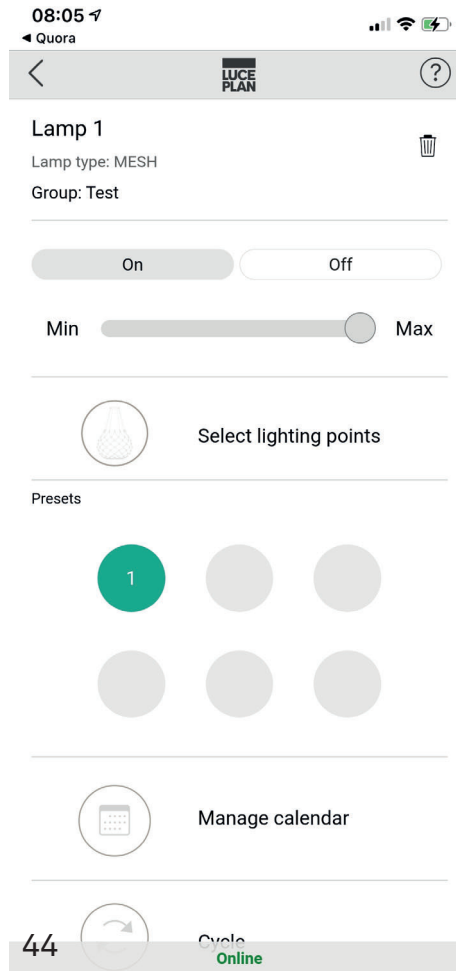
This message appears if you click on an empty preset (circle with a grey background) in screen 41 on page 31, or if you overwrite the preset (screen 43 on page 32).



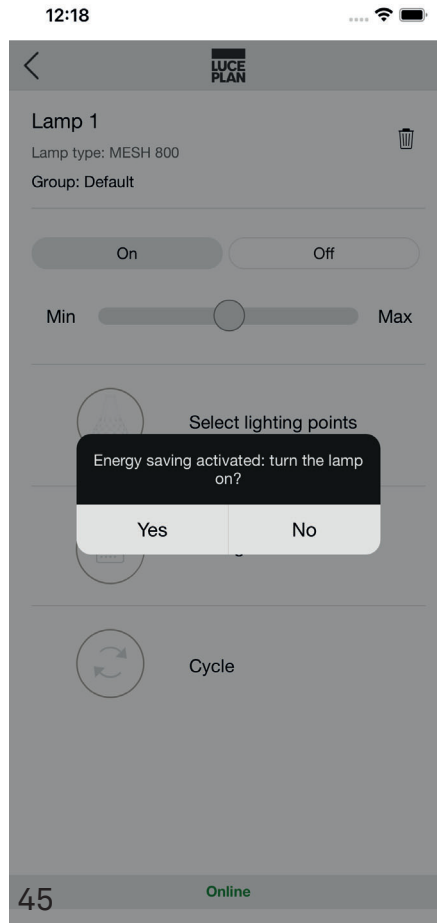


This message is displayed if a circle with a green background is selected in screen 41 on page 31, which contains an already saved preset.

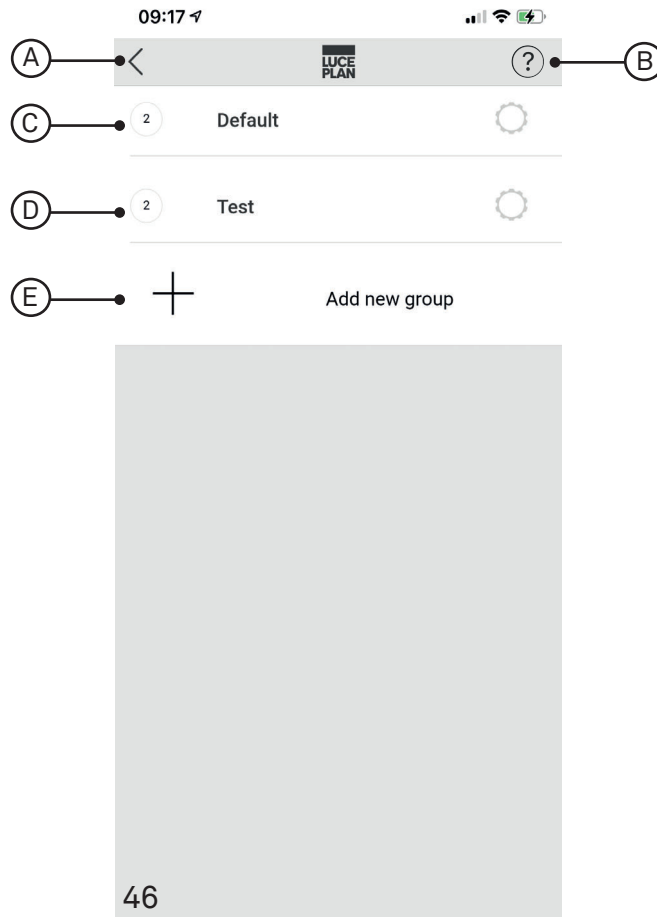
Select “Apply” to save the previously saved preset. Select “Overwrite” if you want to save the new layout in that location. Select “Cancel” to cancel saving the set layout.



If presets have been saved, they will appear on the main lamp management page. Circles with a grey background indicate that no preset has been saved at that destination, circles with a green, numbered background indicate that a preset has been saved at that destination. By pressing on the green numbered buttons, you can set the preset.



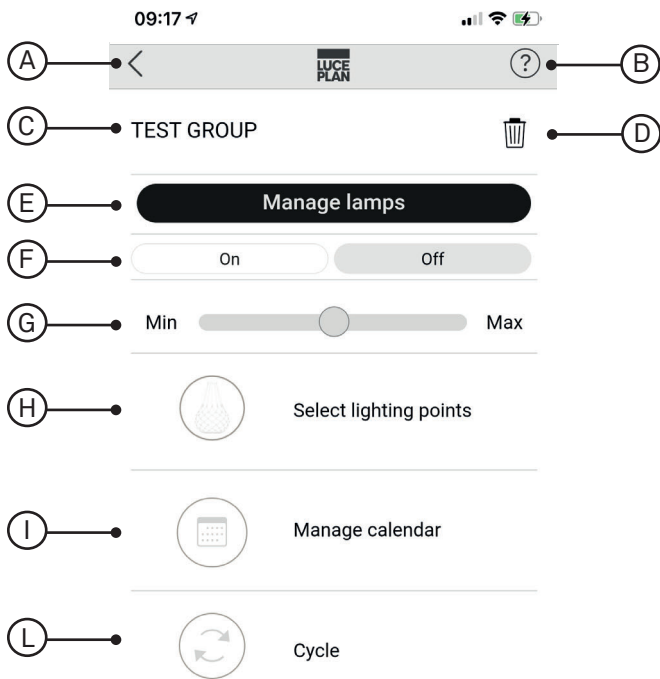
2 minutes after turning off the lamp via the app, the energy saving mode is automatically activated (< 0.5 W). Pressing any command except “Manage Calendar” will display the message shown in the screen. Press “Yes” to turn the lamp on. Press “No” and the lamp is on stand-by (energy saving function active).



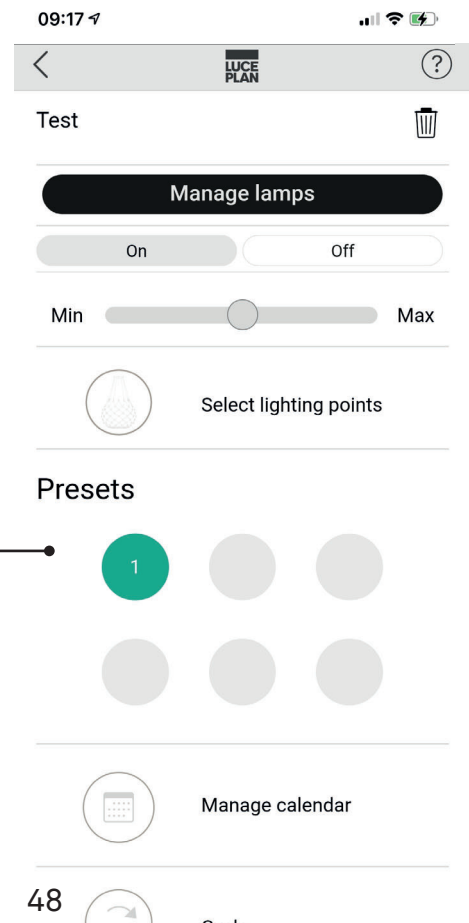
This page appears if “Group” is chosen (ref. E, screen 26 on page 17).

On this page you can access the management page of an existing group, or create a new group in which two or more lamps can be inserted so that they can be controlled synchronously.

- A - < to return to the previous page
- B - (?) to access the online help from which you visit the Luce plan website and the app’s guide
- C - “Default” field: indicates the default group that is automatically created and cannot be deleted
- D - “Group name” field: to access the group management page
- E - “Add new group” field: to add a new group



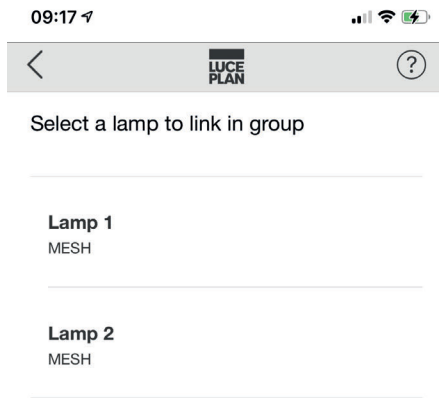
47



48

This screen appears by pressing the “Group name” field (ref. D, screen 46 on page 36). To rename, delete, turn on/off, vary light intensity, manage individual light points, set presets (if previously programmed), manage the calendar and start the dynamic cycle for a group of lamps (synchronously).

- A - < to return to the previous page
- B - (?) to access the online help from which you visit the Luce plan website and the app’s guide
- C - “Group name” field: to change the name of the group
- D - 🗑️ to delete the group
- E - “Manage lamps” field: to add the lamps to the group (screen 49 on page 38)
- F - “on-off” field: to turn the lamp on and off
- G - “dimming” field: to adjust the light intensity of the lamp
- H - 🍷 “Manage lighting points”: to access the management page of the individual lighting points
- I - 📅 “Manage calendar”: to access the calendar function management page (the function is only present for groups created by the “logged in” user)
- L - 🔄 “Cycle”: to activate a cycle of dynamic scenarios
- M - “Preset” field: to set a group preset if previously saved (Lighting point management)



49

This screen lets you add a new lamp to the selected group (ref. E screen 47 on p. 37). Click on “+ Add lamp” to add a new lamp.