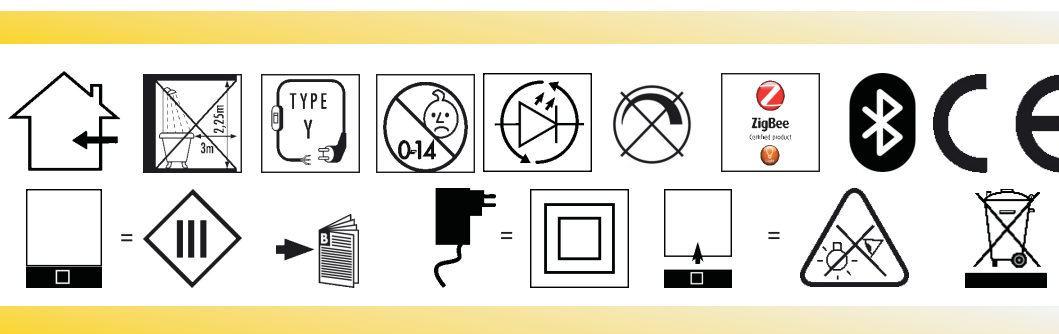


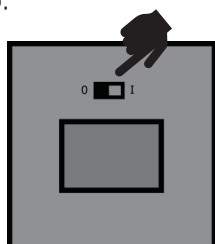


ITSU portable luminaires Manual part A

V 1.0 23.11.2020



First step:



Slide to "I" to activate
battery and lamp
(bottom of lamp)

LUXONUM GmbH
Im Buchwald 65
70186 Stuttgart, Germany

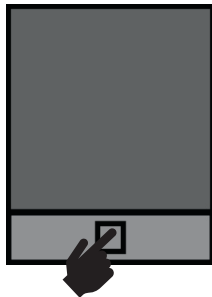
Support and help:
www.luxonum.com
contact@luxonum.com

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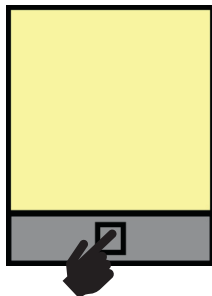
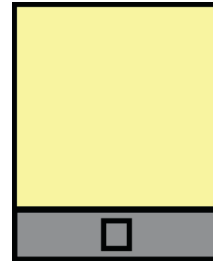




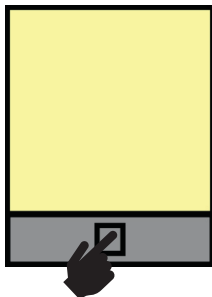
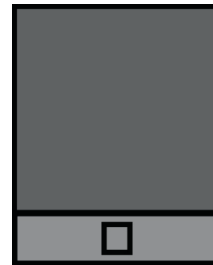
1. Turn on/off, dimming and change colors



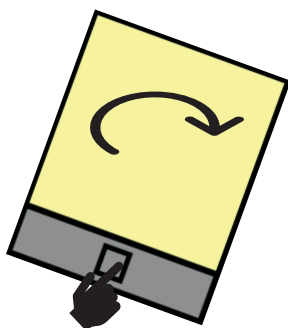
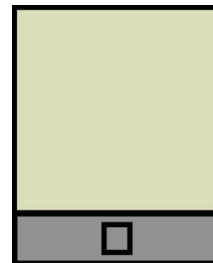
Turn on:
short single press



Turn off:
short single press



Hold upright and press
and hold: dimming

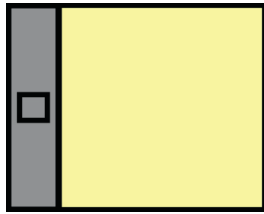


Hold tilted, press and
hold and rotate:
color setting

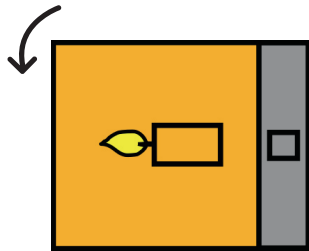
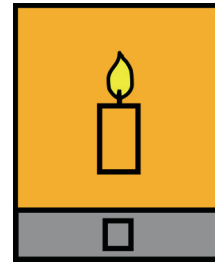




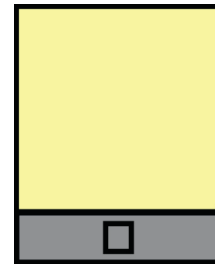
2. Candle mode



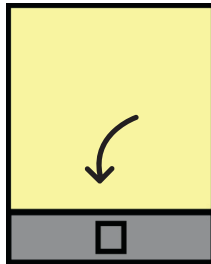
Tilt 90° to the right
for 1s:
Candle mode



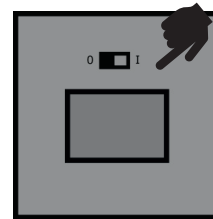
Tilt 90° to the left
for 1s:
Normal mode



3. Reset

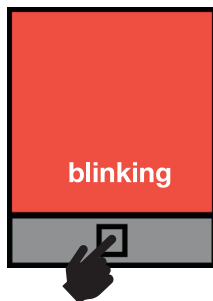


Tilt forward 90° for 1s:
Reset color / brightness

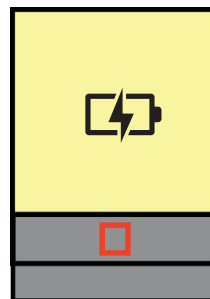


Restart:
Bottom side switch

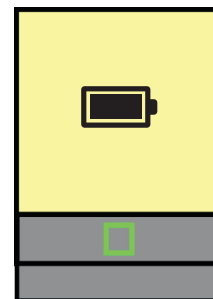
4. Charging



Red blinking: Battery
empty -> Charge



Charging

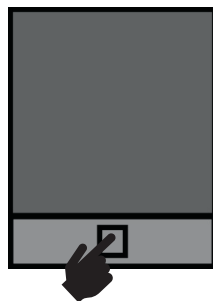


100 %
(8-10 h)

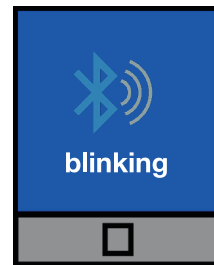




5. Connect Bluetooth

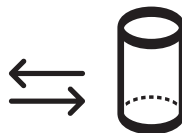
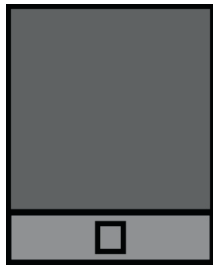


Long press
(2 sec.)
Start advertising



Short press
Stops advertising

6. Connect Zigbee



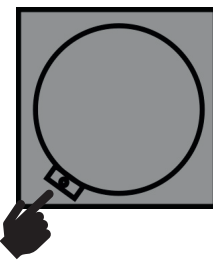
E.g. Echo Plus:
"Search new Devices"



Coupling active for
200s after switch-on
(bottom slide switch)

Device	Commands
Amazon Echo Plus	On, off, brightness, color

7. Delete bonding information (Bluetooth and Zigbee)



Max. 8 devices Bluetooth and 1 Zigbee hub is
stored

Delete bonding information: Switch bottom slider to
0 and remove stone (See 8.). Press and hold Reset
button (with pen e.g.) and switch slider to 1.

8. Change stone cube



Switch lamp off with
bottom slider to "0".
Rotate the stone 10°
counter clockwise and
lift.

Keep the lamp off while
cover is removed!
Do not stare into the
LEDs





9. Firmware update

- Download „nRF Toolbox“ as app for iOS or Android from App Store or Google Play Store

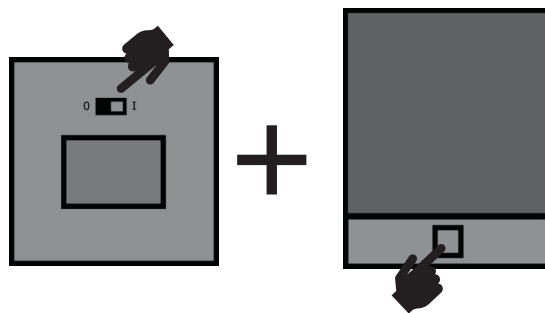


iOS



Android

- Download most recent firmware file at <http://www.luxonum.com>. Do not unpack the .zip-File!
- Put the lamp in update mode: switch bottom slider to 0. Press and hold the front button and switch bottom slider to I and then release front button



- Open nRF Toolbox and go to “Device Firmware Upgrade DFU”
- Connect via Bluetooth to device “ITSUxDFU”
- Select the .zip-File downloaded above
- If asked: Select file type “Distribution packet (ZIP)” and Select Scope “Application only”
- Wait until firmware update is finished

10. Cleaning

Clean with a dry microfiber cloth only.

11. Maintenance

ITSU does not need any maintenance. Do NOT open the round transparent cover, there are no user serviceable parts inside. In case of needed service of battery, LED-module or other parts, contact Luxonum GmbH or an authorized dealer.



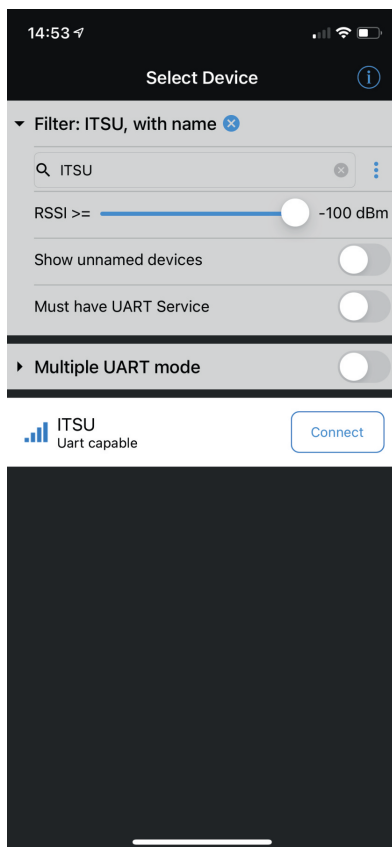


12. App for iOS LUXONUM BLE

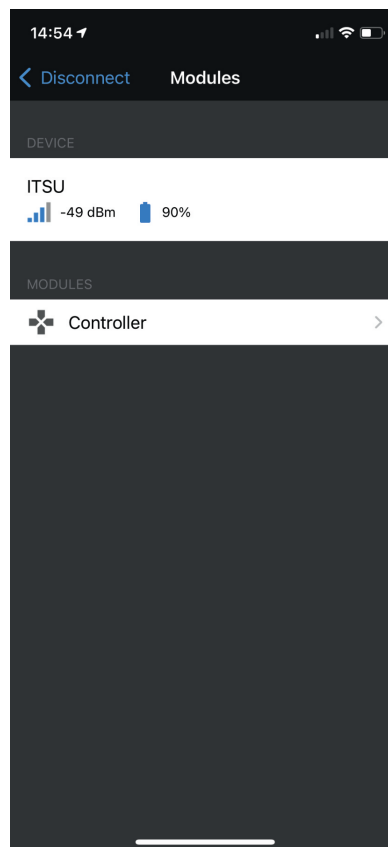
Connecting and pairing

Activate the advertising mode (see chapter 5.). The connection to the lamp is done directly in the app. Do not connect via the Bluetooth menu in the settings of the Iphone. The app automatically pairs the phone with the lamp and then switches off the possibility to pair further devices unless in advertising mode. If you are asked to pair with the lamp on first connection, please confirm. The lamp can pair up to eight mobile devices. If you reach eight paired devices, to add further devices, you have to reset the list (See chapter 7.). If you reset the pairing list, do not forget that you also have to delete the pairing information in the phone (delete the device in the Bluetooth settings list or paired devices).

Using the app

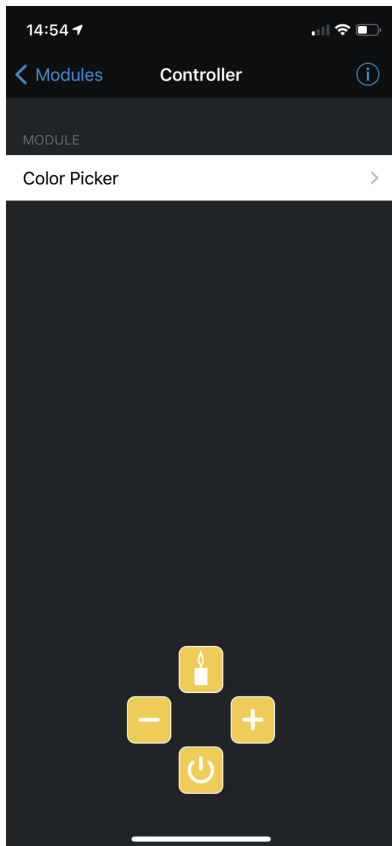


Start-up screen: Select "Connect"

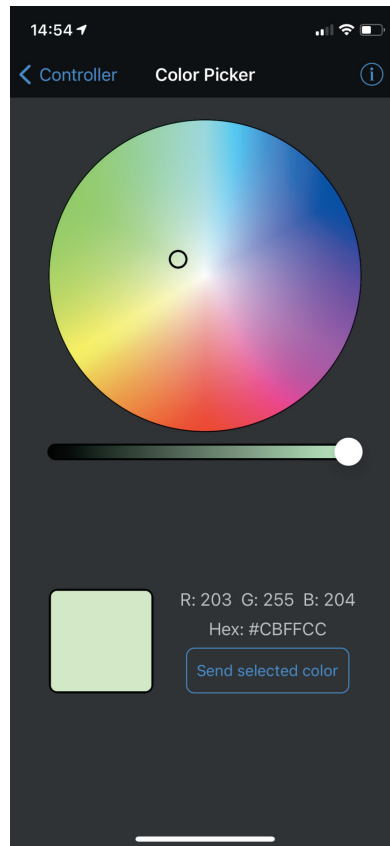


Modules screen: shows the strength of the BLE signal and the battery status of the lamp. Select "Controller" to operate the lamp.





Controller screen: Switch the lamp on/off with the lower button. Activate/deactivate candle mode with upper button (only when switched on). Change brightness with the left and right button (only when switched on and not in candle mode). Set color by selecting "Color Picker"



Color Picker screen: Select any color by dragging the marker at the selected color and press "Send selected color". Change saturation with the slider below the color wheel.

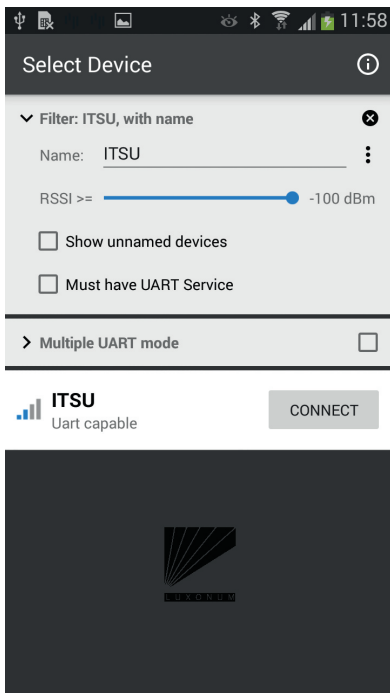




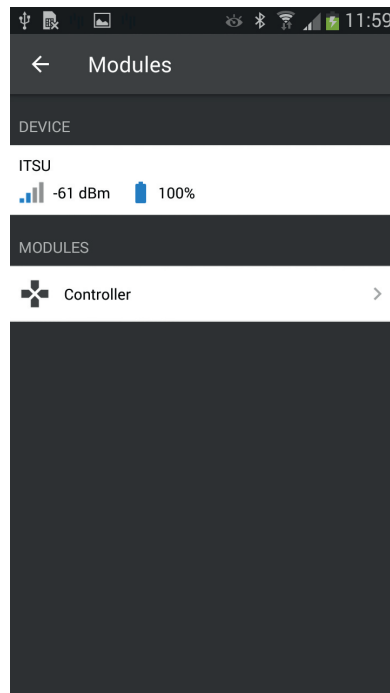
13. App for Android : LUXONUM BLE

Connecting and pairing

Activate the advertising mode (see chapter 5.). The connection to the lamp is done directly in the App. Do not connect via the Bluetooth menu in the settings of the phone. The app automatically pairs the phone with the lamp and then switches off the possibility to pair further devices unless in advertising mode. If you are asked to pair with the lamp on first connection, please confirm. The lamp can pair up to eight mobile devices. If you reach eight paired devices, to add further devices, you have to reset the list (See chapter 7.). If you reset the pairing list, do not forget that you also have to delete the pairing information in the phone (delete the device in the Bluetooth settings list or paired devices).

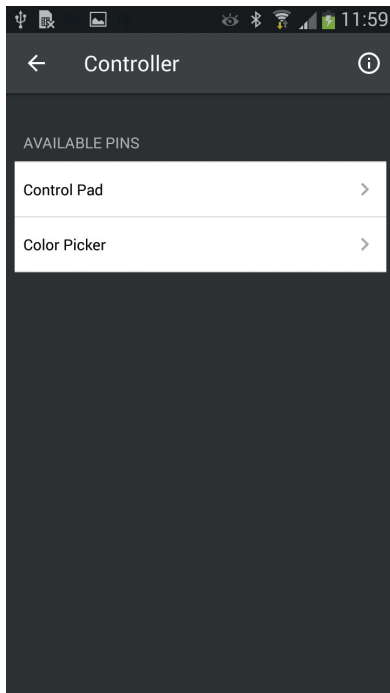


Start-up screen: Select "Connect". You can filter the list by entering "Itsu" in the search filter.

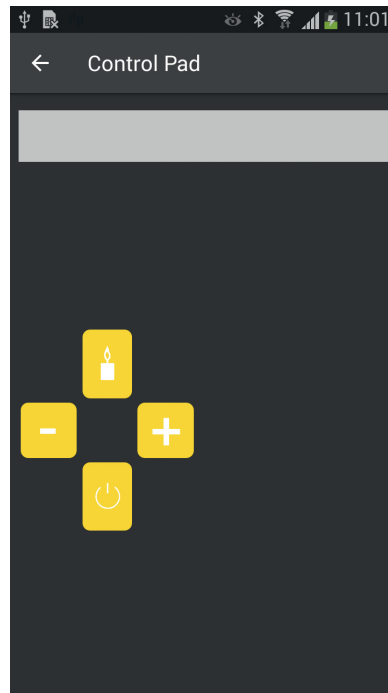


Modules screen: shows the strength of the BLE signal and the battery status of the lamp. Select "Controller" to operate the lamp.



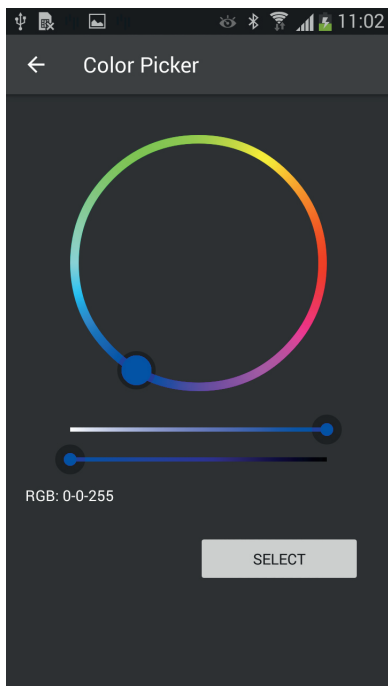


Controller screen: select "Control Pad" to operate the lamp or "Color Picker" to select color of the lamp.



Controller screen: Switch the lamp on/off with the lower button. Activate/deactivate candle mode with upper button (only when switched on). Change brightness with the left and right button (only when switched on and not in candle mode).





Color Picker screen: Select any color by dragging the marker at the selected color and press "Select". Change saturation and brightness with the sliders below the color wheel.

