

Lighting Controller
Model: 850-213207

How to set up Philips smart lights and nanoleaf panels? Please refer to these steps as below:

Step 1: Connect WIFI

Please scan the QR code via phone to connect network.



Connect WIFI



Visit web site

Step 2: visit website

Please scan the QR code to visit website, if your phone connects to the network successfully.



Step 3 Bridge

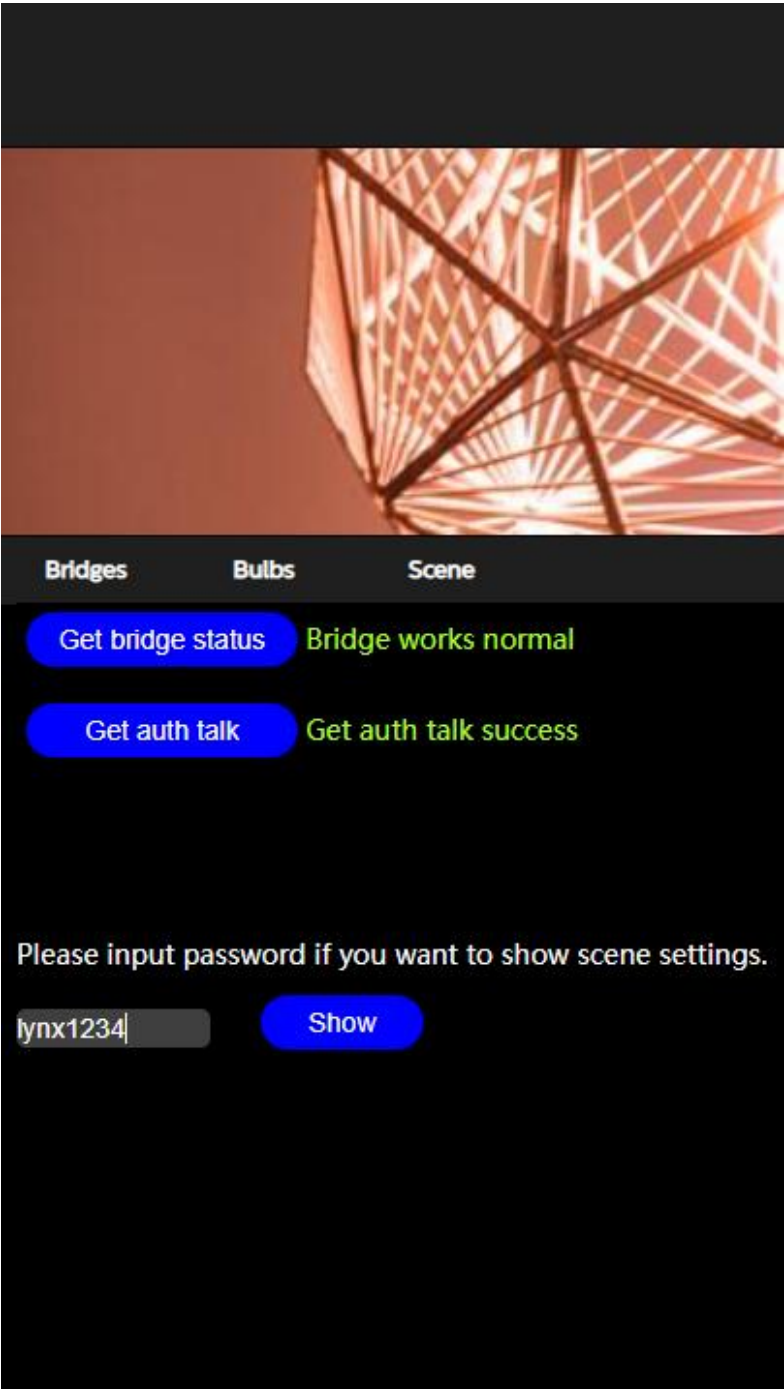
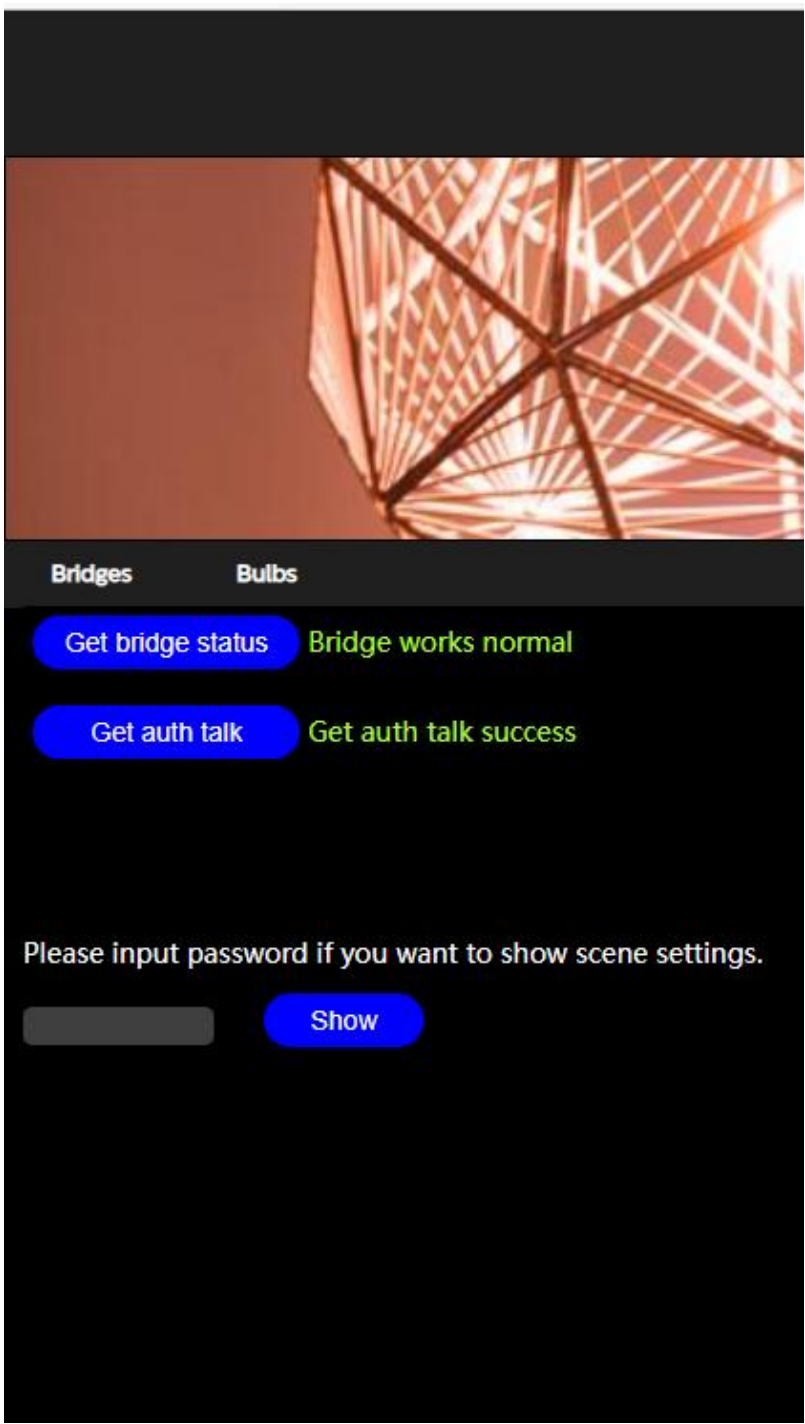
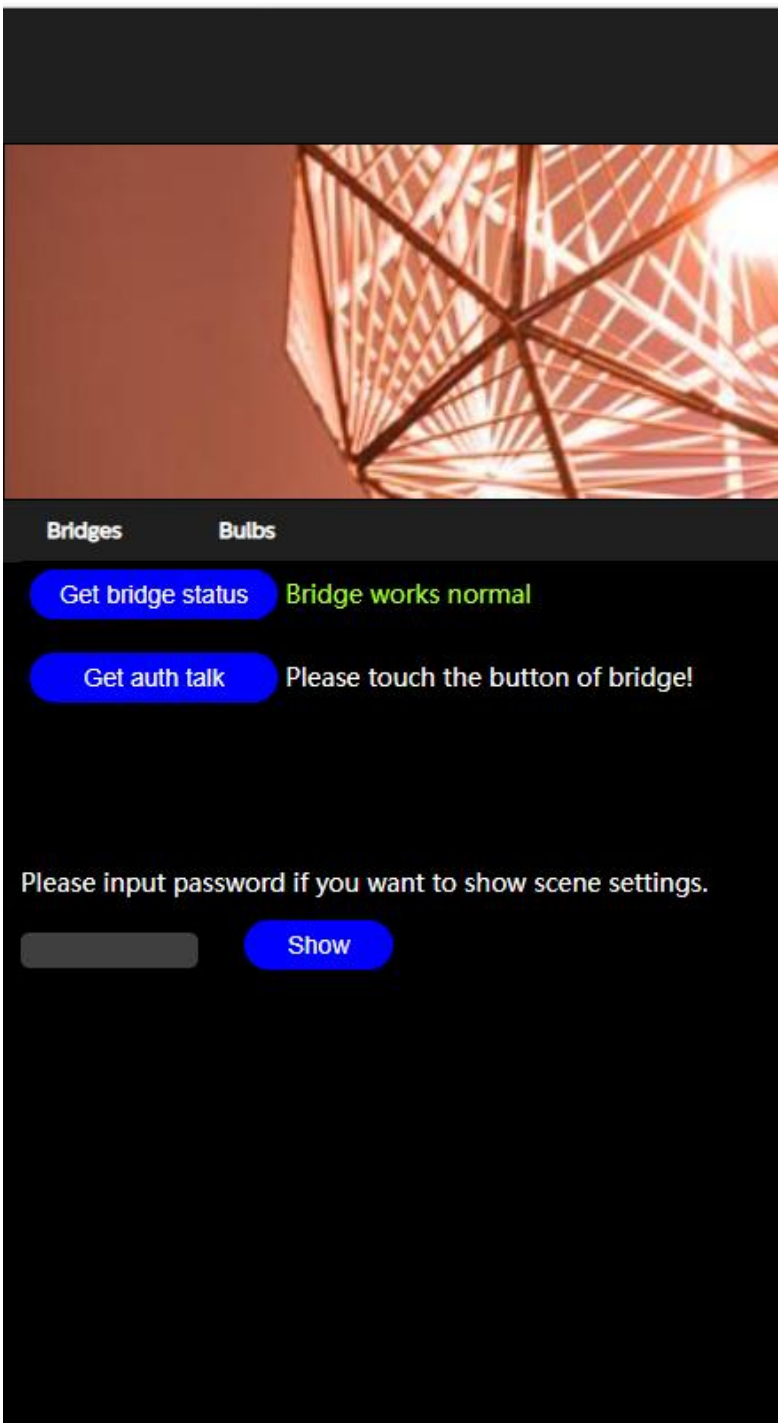
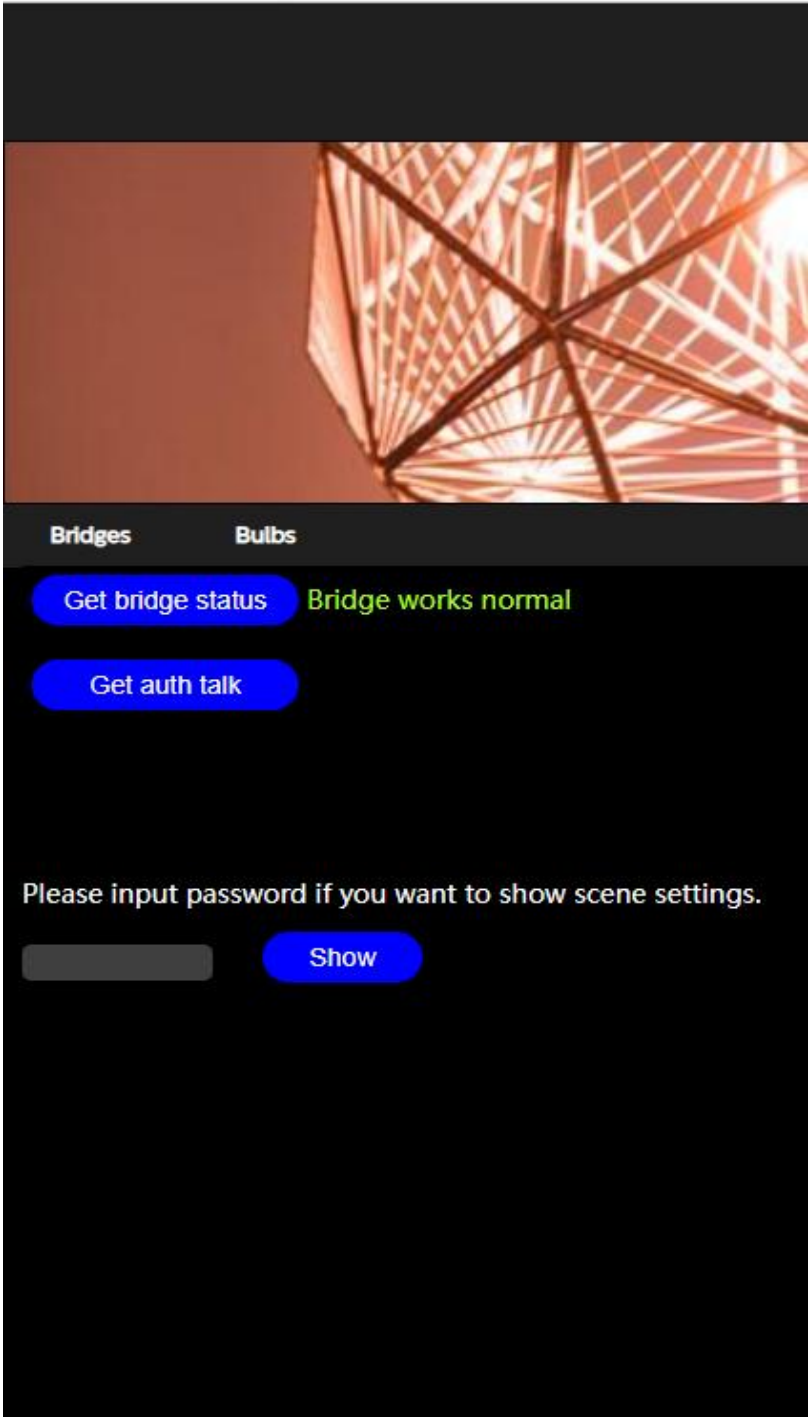
1.If you want to know the bridge status ,please click “Get bridge status” button.
Bridge has three kinds of status:

- a: the bridge works normal
- b. Connect fail, please check network
- c. Bridge has not auth talk!

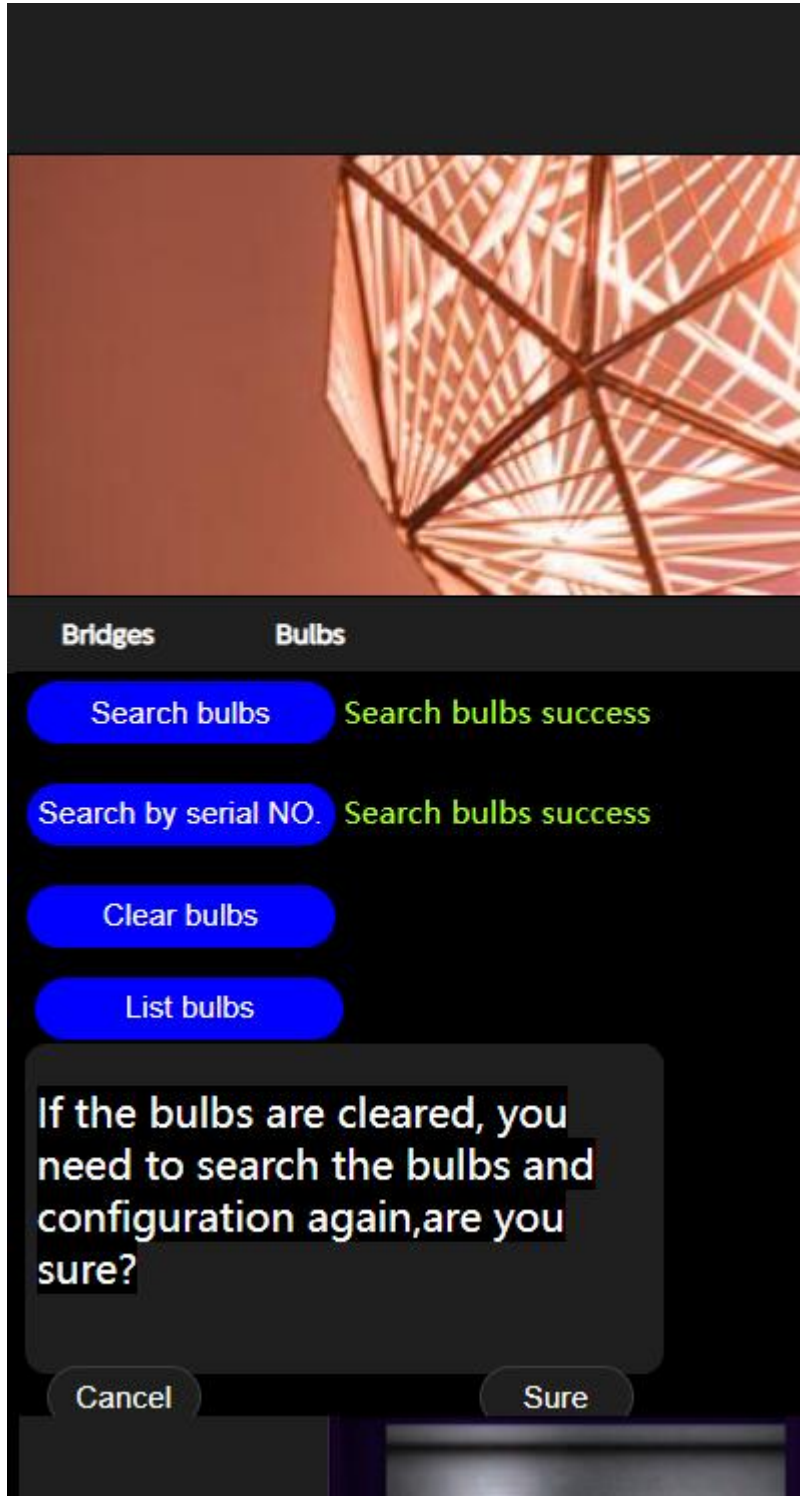
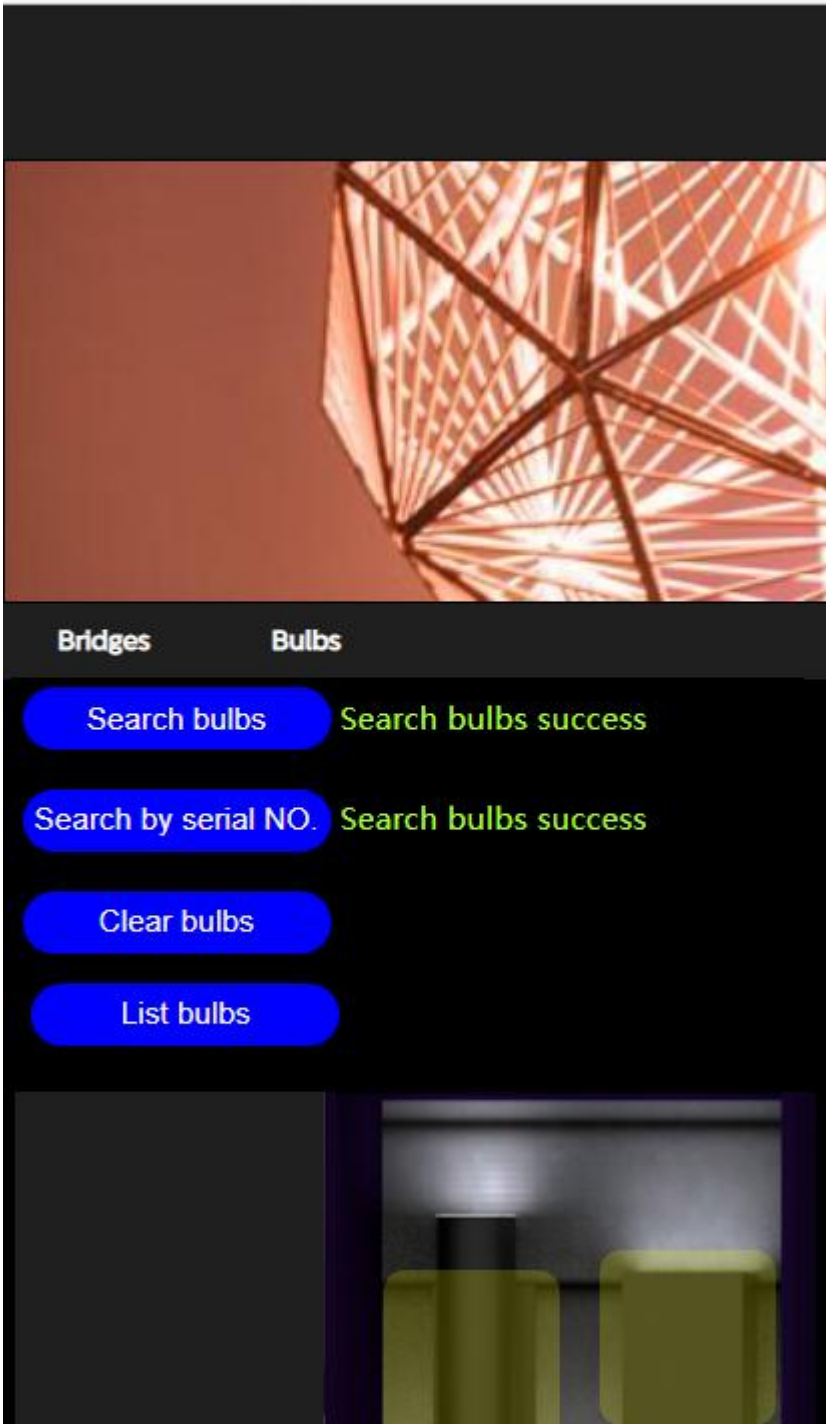
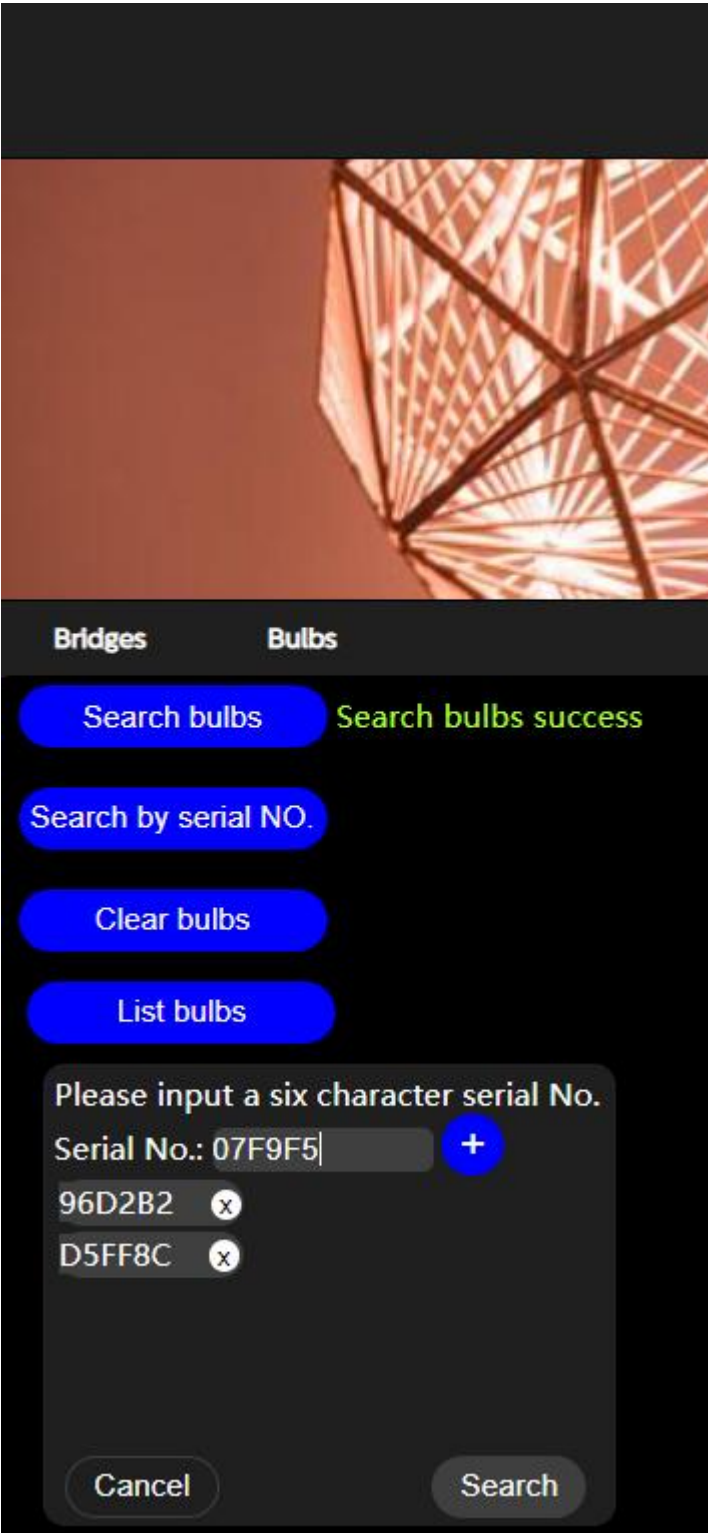
2.Please click ‘Get auth talk’ button, if the bridge has not auth talk. th
It will prompt ‘Please touch the button of bridge’.

a:it will prompt ” Get auth talk success”, if get auth talk success.
B: it will prompt ” Get auth talk fail”, if get auth talk fail.

3. Scene of bulbs was hidden, please input password if you want to show scene settings. The password is “lynx1234”.



Step 4 Bulbs



1.Please click ‘Search bulbs’ button to search bulbs .
It will prompt ‘Please touch the button of bridge’.

a:it will prompt ” ” **Search bulbs success**”, if search bulbs success.
B: it will prompt ” **Search bulbs fail**”, if search bulbs fail.

2.Please click ‘Search bulbs by serial NO.’ button to search bulbs, if some bulbs need serial NO. to search success.

Please input the bulb’s serial NO. then click ‘+’ button to add serial NO.
Then click “search”.

a:it will prompt ” ” **Search bulbs success**”, if search bulbs success.
B: it will prompt ” **Search bulbs fail**”, if search bulbs fail.

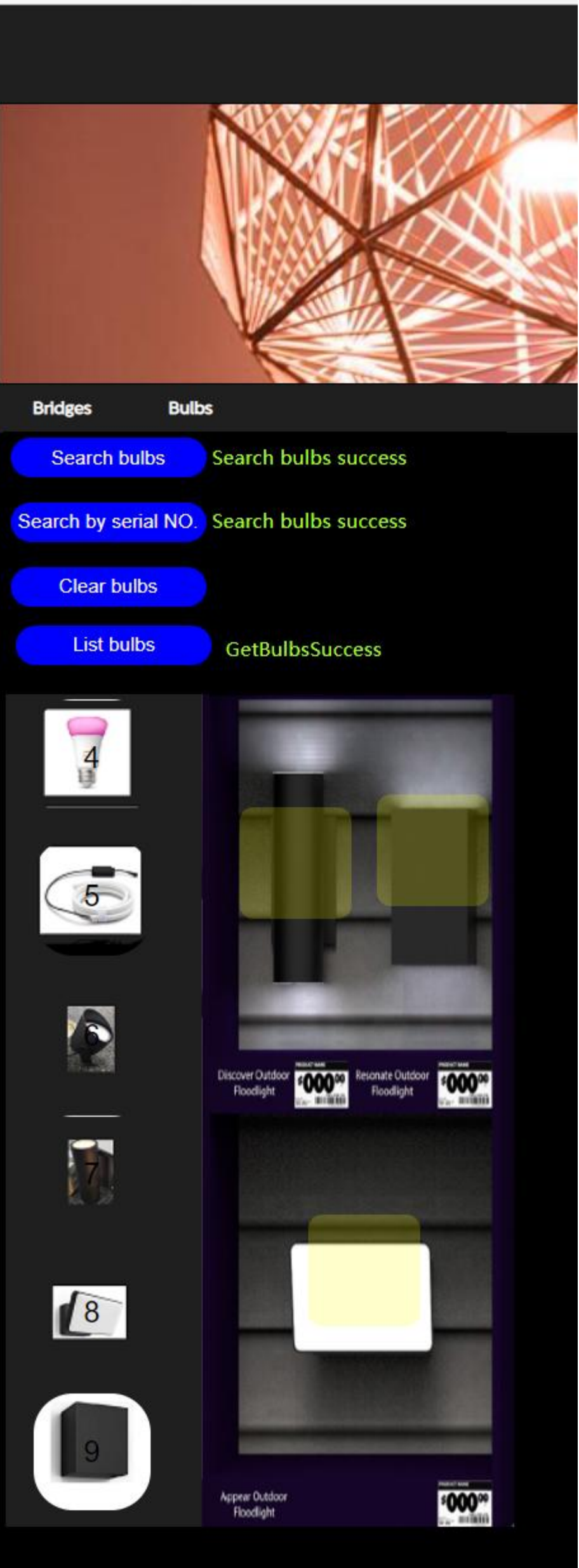
3. Please click “Clear bulbs” button, if you want clear the search result.

Notes: it needs search and pairs bulbs again. If you clear bulbs.

Step 5 Scene

1.Item1: List bulbs

- a: Click “List bulbs” button, and all the bulbs Bridge searched will be listed below. The number on bulb button is bulb ID.
- b: Click bulb button, and the bulb will flicker once, so you can know the position of corresponding bulb of this ID.
- c. You can drag the light bulb to the corresponding position on the right. The bulb pairing is complete.



Step 5 Scene

Colors include: red ▼

Color name red Hue 0 Saturation 100 ColorTemp 154 x 0.6858 y 0.3055 Mode xy ▼

Save Delete Buld ID Test

2.Item2: Colors

a: The "colors include" select button will list all the bulb colors of the bridge , and below will show the parameter of the selected color.

b: Below is the illustration of the parameter of color:
color name :color name, Philips indoor, Philips outdoor scene use the color name to set color.

Hue: range(0~65535)
Saturation: range(0~254)
ColorTemp: (0~650)
x: CIE Color matrix x position, range(0.0~0.75)
y: CIE Color matrix y position, range(0.0~0.85)

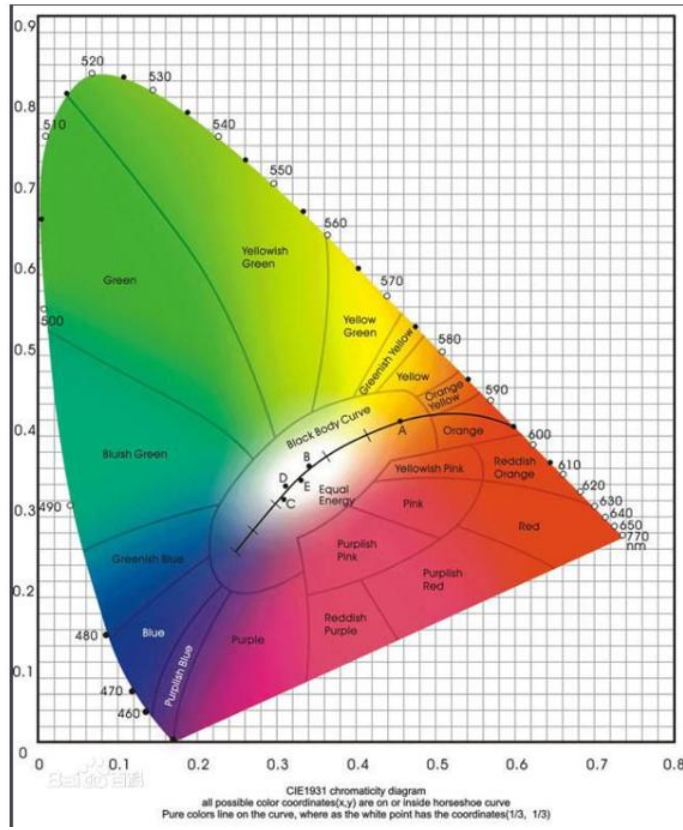
Mode: There are 3 modes of color: hs, ct, xy;

hs: It means that the color is set by hue and saturation

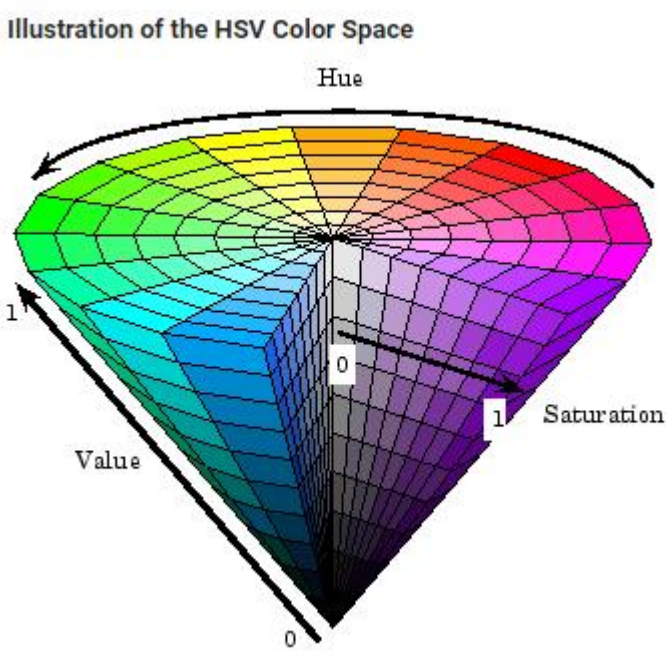
ct: It means that the color is set by ColorTemp

xy: It means that the color is set by CIE Color matrix x and y position

CIE Color matrix



hue & saturation



Philips Smart Light

The interface shows a room with a smart light bulb and a scene selection menu. The menu has three tabs: 'Bridges', 'Bulbs', and 'Scene'. The 'Scene' tab is selected, showing a list of scenes: 'Spooky', 'Holidays', and 'Energize'. Each scene has a color name, a value, and a 'bulb ID'.

Colors include: red ▼

Color name red Hue 0 Saturation 100 ColorTemp 154 x 0.6858 y 0.3055 Mode xy ▼

Save Delete Buld ID Test

Philips

bulb ID	bulb_No1	7	bulb_No2	9	bulb_No3	8
Spooky	white	254	white	254	white	254
Holidays	pink	128	green	128	yellow	128
Energize	cool	254	cool	254	cool	254

Save Add column Column: Delete column

Step 5 Scene

Colors include: red

Color name

red

Hue

0

Saturation

100

ColorTemp

154

x

0.6858

y

0.3055

Mode

xy

Save

Delete

Buld ID

Test

2.Item2: Colors

- c: "Save" button: Click the "save" button after modifying the color parameter value to save it to the database. If need to add a new one, the color will be added in select button when the color name is different from the color name in “Color include” select button .
- d: "Delete" button: if need to delete a color in the select button, just select the color and click "delete" button
- e: "Test" button: when creating color or modifying color parameters, if need to check the color effect, just need to enter the bulb ID in “Bulb ID“ text area, and then click “Test" button, and the bulb will display this color.

Philips Smart Light



Bridges

Bulbs

Scene

Colors include: red

Color name

red

Hue

0

Saturation

100

ColorTemp

154

x

0.6858

y

0.3055

Mode

xy

Save

Delete

Buld ID

Test

Philips

bulb ID	bulb_No1	7	bulb_No2	9	bulb_No3	8
Spooky	white	254	white	254	white	254
Holidays	pink	128	green	128	yellow	128
Energize	cool	254	cool	254	cool	254

Save

Add column

Column:

Delete column

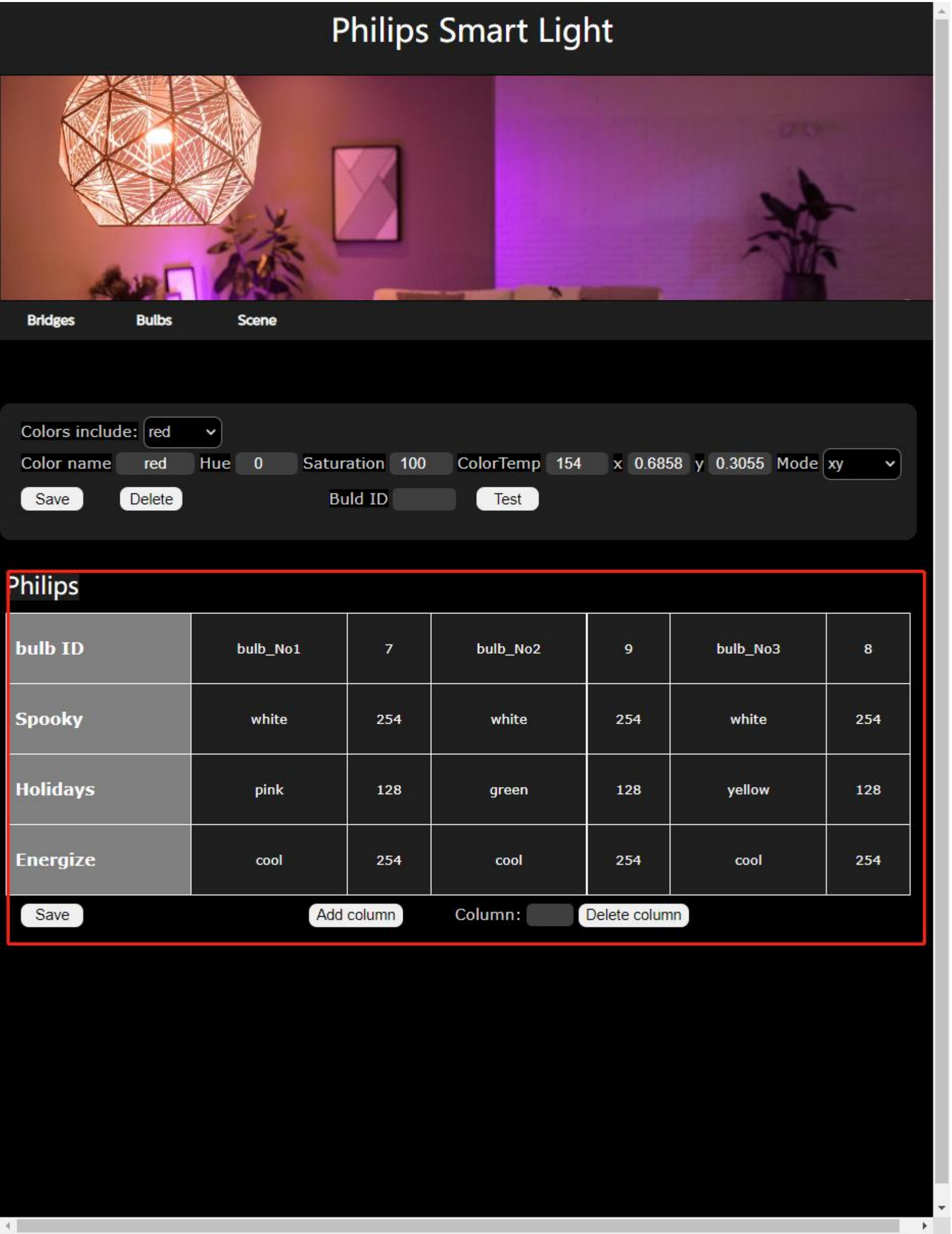
Step 5 Scene

2.Item3: Philips indoor Scene

a: "Bulb ID" row: bulb ID, column 0 is the header of scene table, and other each column represents a Philips indoor bulb;

b: The rest three lines include six scenes: Spooky, Holidays, Energize .

c: "Save" button: After editing the Scene table, click "save" button, and the parameters will be saved to the database.



FCC Caution:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
To maintain compliance with FCC 's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.