

A5ENSETEK

Extend your sense



Spectrum Genius

- Instruction -



01) First of all, you need a “Lighting Passport”



Flagship version



Standard version

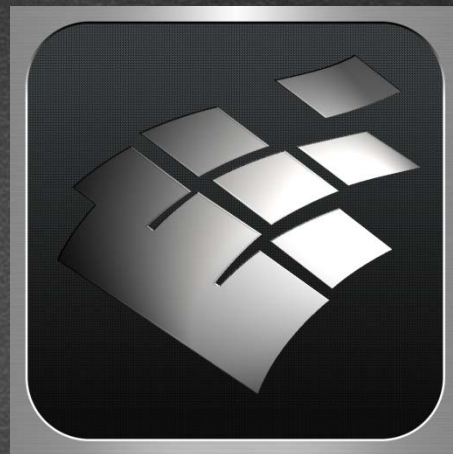
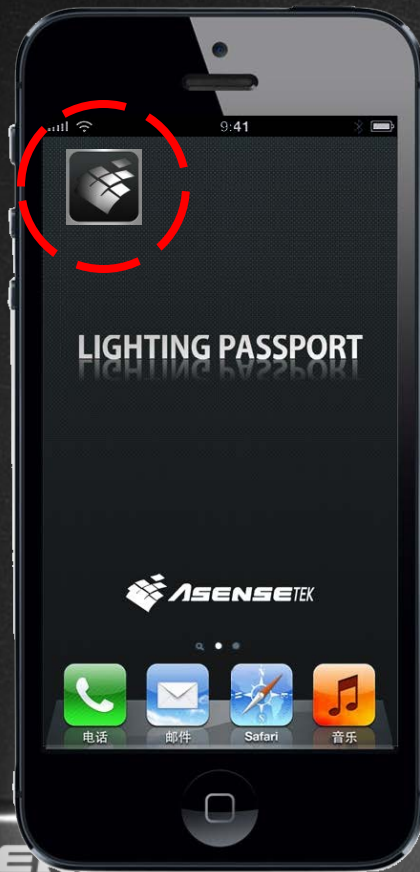
02) Turn on the power of Lighting Passport

Power button



Power button is on the left side of the dongle.
Please make sure the blue light on the back is on

03) Start to use APP “SPECTRUM GENIUS”



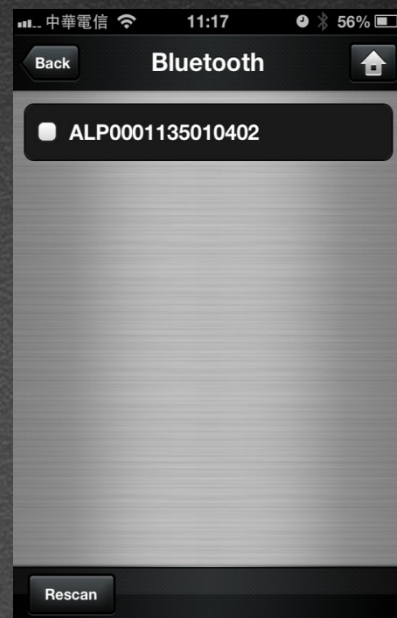
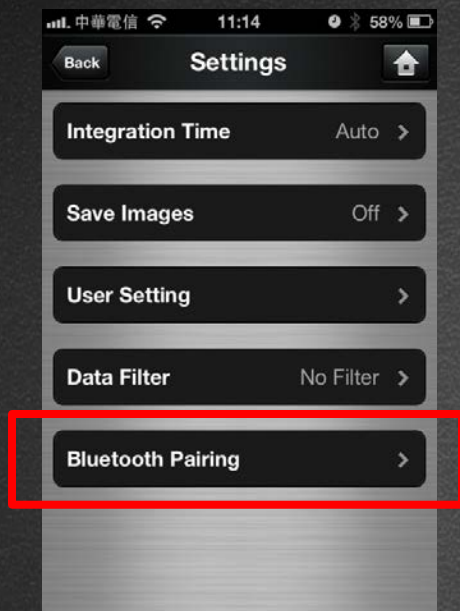
Touch the icon to implement APP.

04) Main menu



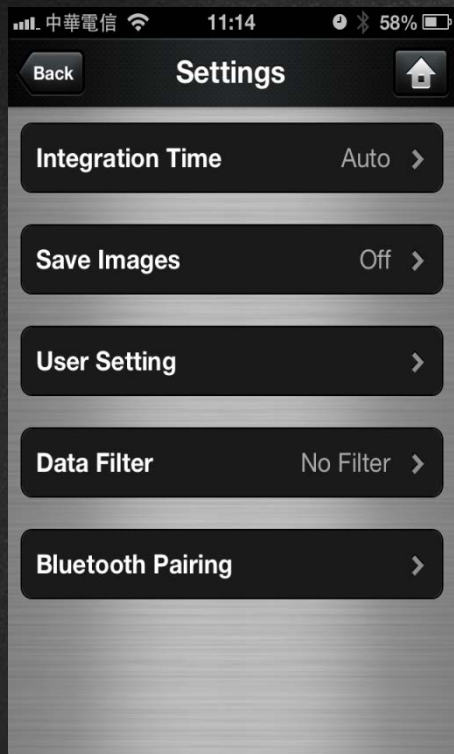
- ① Settings
- ② Help
- ③ Test Mode

05) Connect to the dongle



Use “Bluetooth Pairing” in the settings menu and connect to the dongle

06) Other functions in Settings



① Change the mode for setting Integration Time

② Check if you want to save pictures for email to others

③ Change user (tester) and manufacturer(of the luminaire)

④ Quality filter setting

07) Set integration time



There are 2 mode for setting integration time :

Auto : system will automatically adjust to the proper time of exposure.

Manual : Adjust the time by user. **Have to make sure you push the button “Confirm” after decided.**

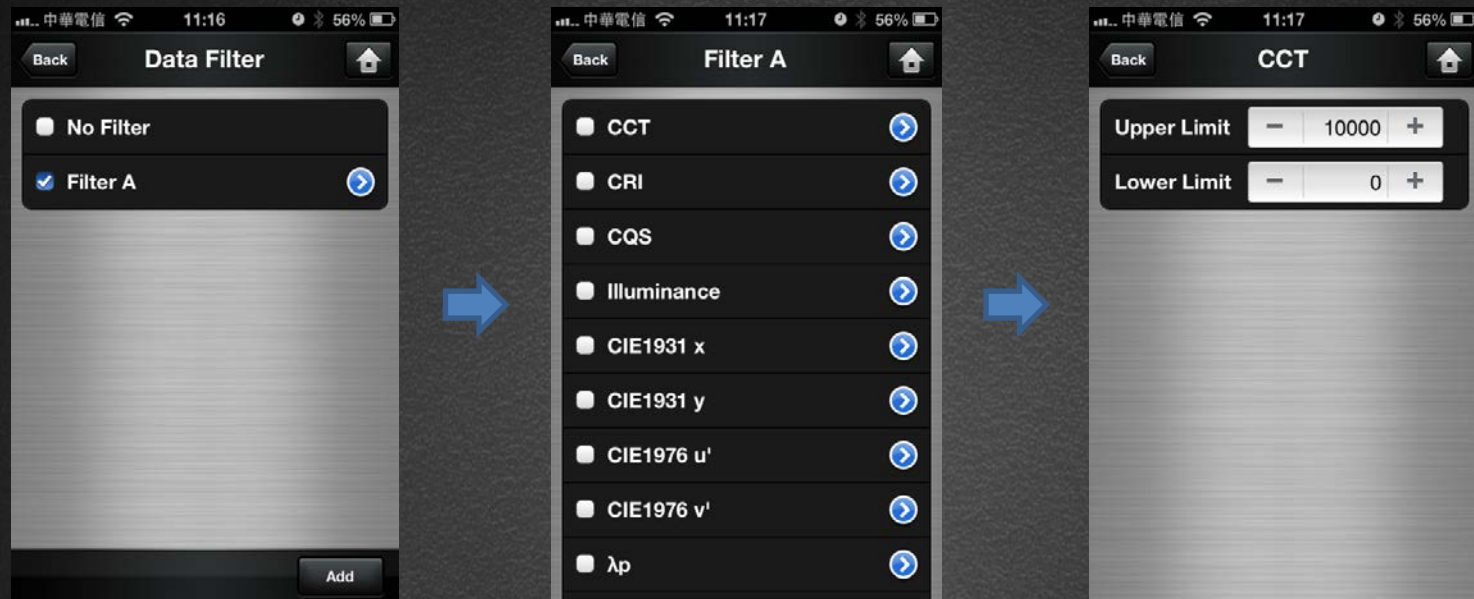
08) ID setting



You can set user (tester) and manufacturer(of the luminaire) in this page. And it will be the default after you make it.

You can also add and delete item by your self.

09)Data filter

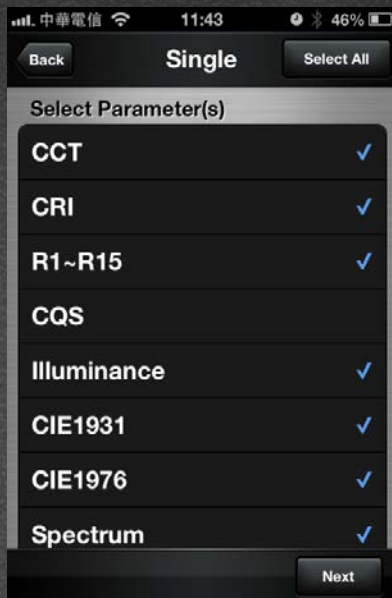


You can add/delete new filters, choose the items you want to filter and make the upper/lower limit.

10) Single Measurement (1)



Make sure the cover of device is OPEN before measurement.

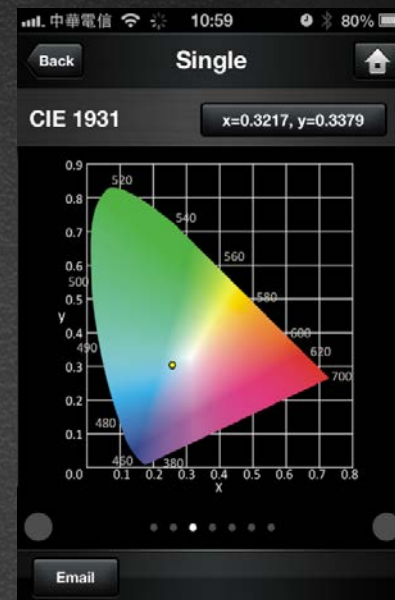
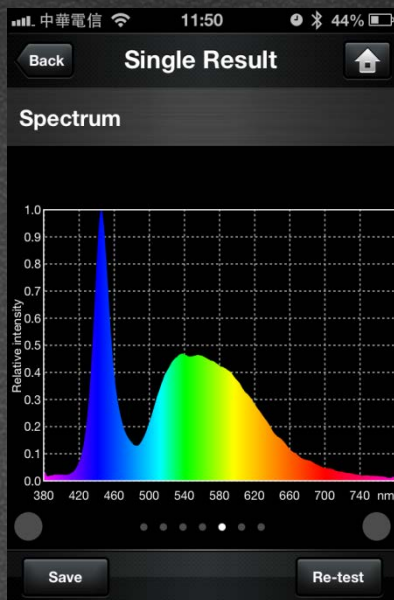
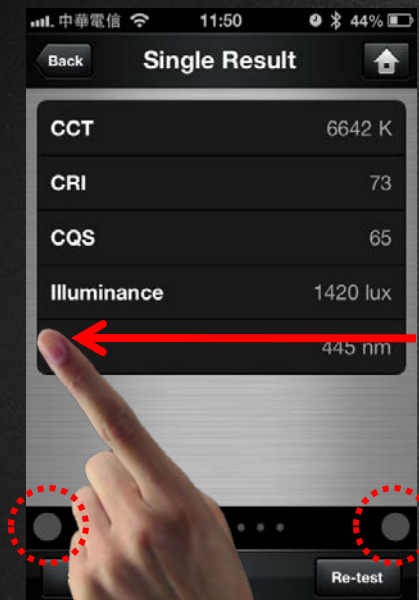


Choose items you want to test



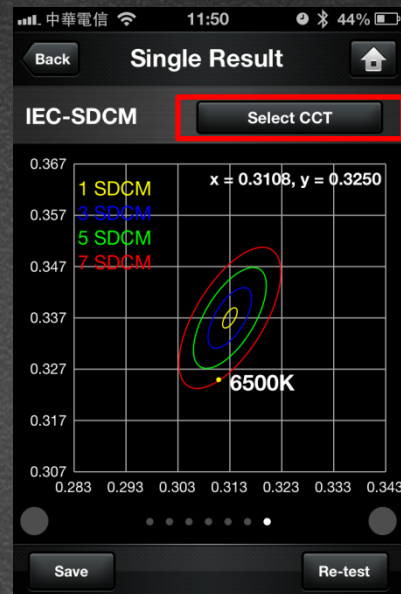
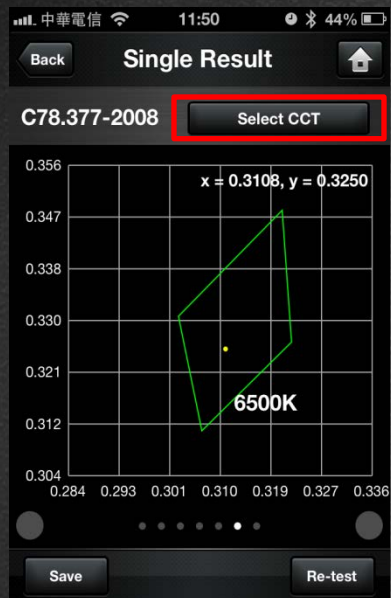
Subtract background or not, then measure

10) Single Measurement (2)



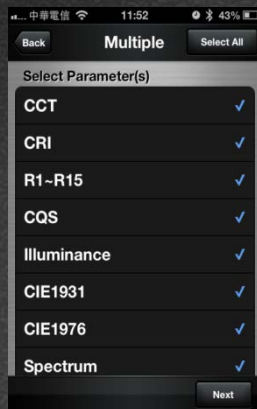
Slide the screen or push the gray button the change page

10) Single Measurement (3)



In C78.377-2008 and IEC-SDCM, you have to select the proper CCT zone to show the right image

11) Multiple measurement (1)



Select items

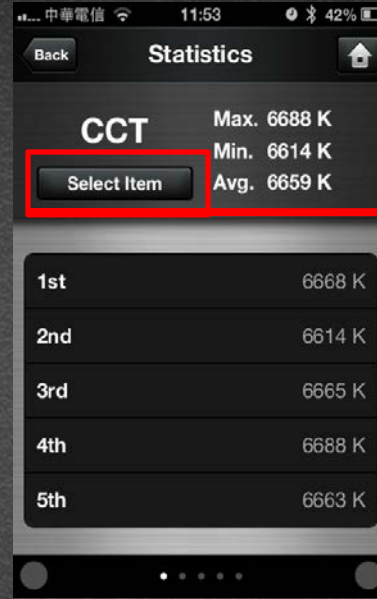
Start to measure

Can measure many products and can also delete (slide the finger) the data you don't want save

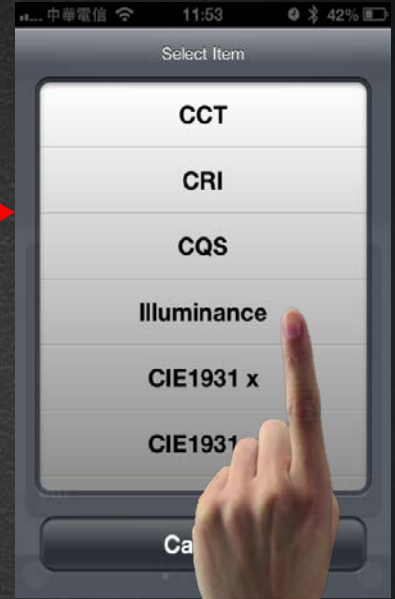
11) Multiple measurement (2)



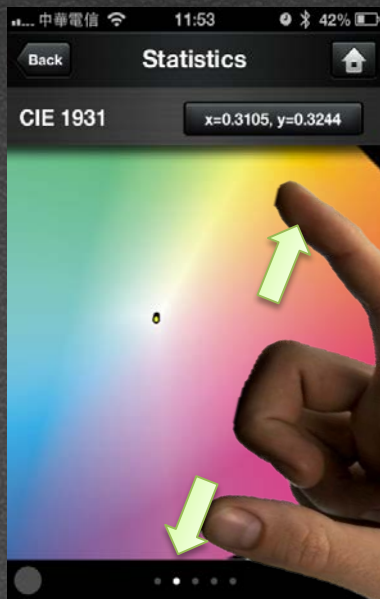
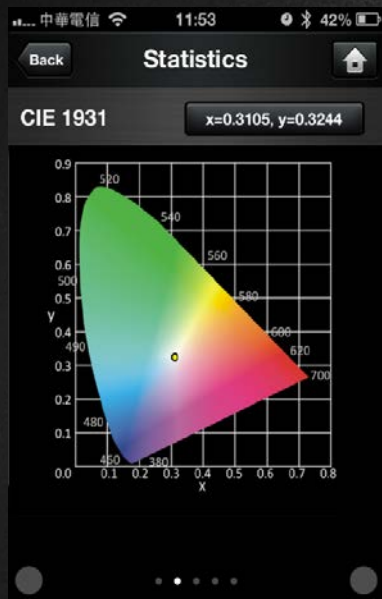
You can push "Statistics" button to get detail information of the result



You can select the item you want to check the value

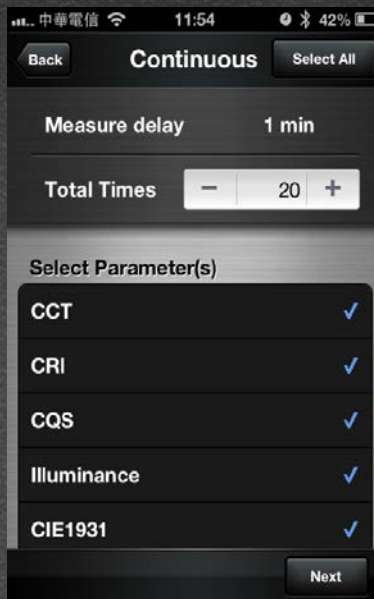


11) Multiple measurement (3)

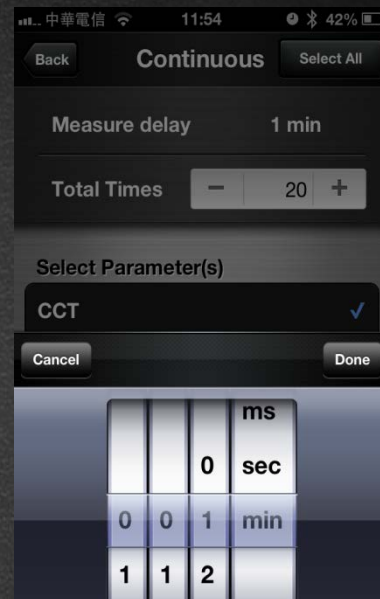


Zone in/Zone out

12) Continuous measurement (1)

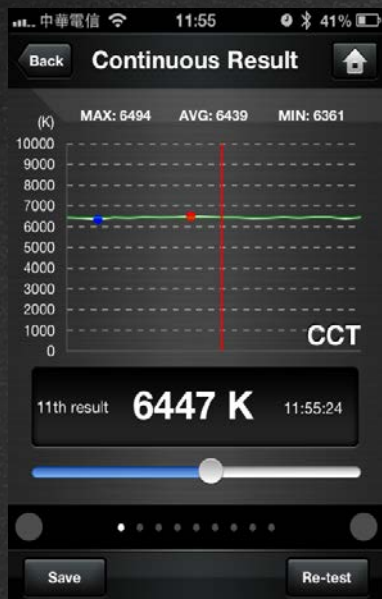


Select item

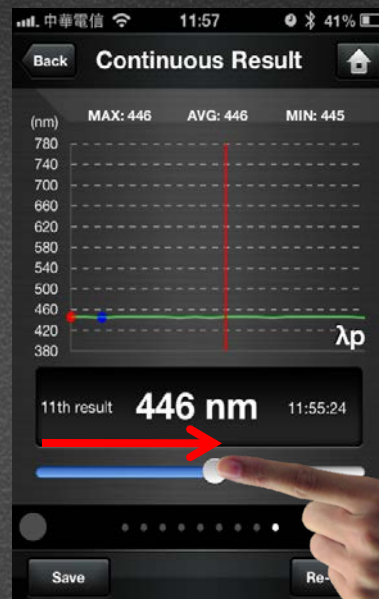


Select “measure delay”
and “measure times”

12) Continuous measurement (2)

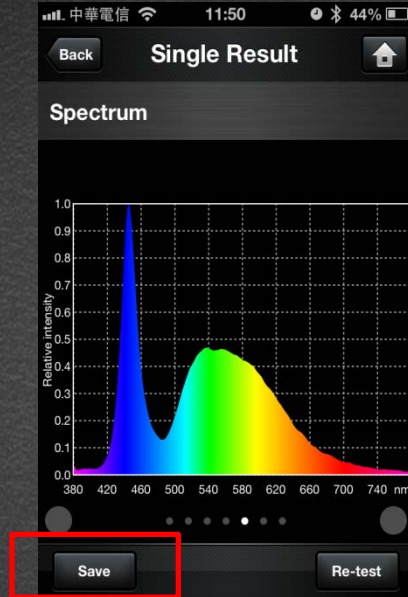


Red dot is the max. value
Blue dot is the min. value



Slide to select
the data point

13) Save data (1)



You can save data in each test mode. Push the save button in result page to the save data page

13) Save data (2)

中華電信 11:50 44%

Back Save

Add product picture

Product Name NA

Manufacturer ABC

User David

Save Re-test

① Take/choose the picture of the tested luminaire

② Input name

③ Select the manufacturer and user

④ Save Data

14) Records



Pop-out number means
with new record

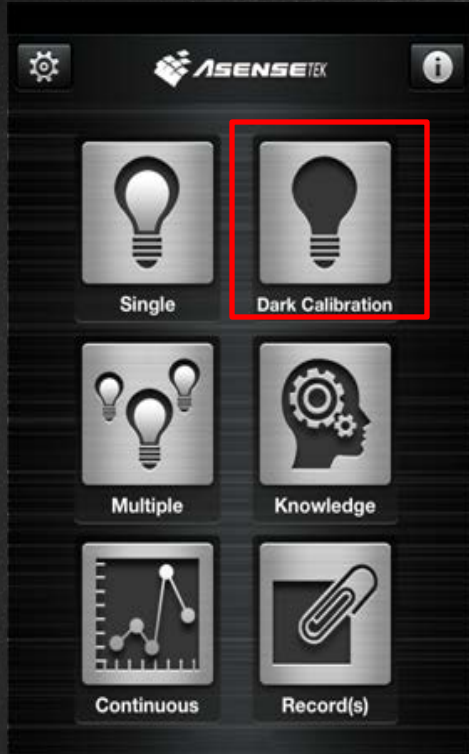


Select record you want
to check



E-mail the result to
others

15) Dark Calibration



- Suggest to use “Dark Calibration” each time when you restart the device.
- Make sure you close the cover of the device when implement “Dark Calibration” .

16) Knowledge



- You can check some basic knowledge of LED lighting here.