Instruction on how to setup and use the Lighting Passport Spectrometer

Which App the Lighting Passport Models Uses
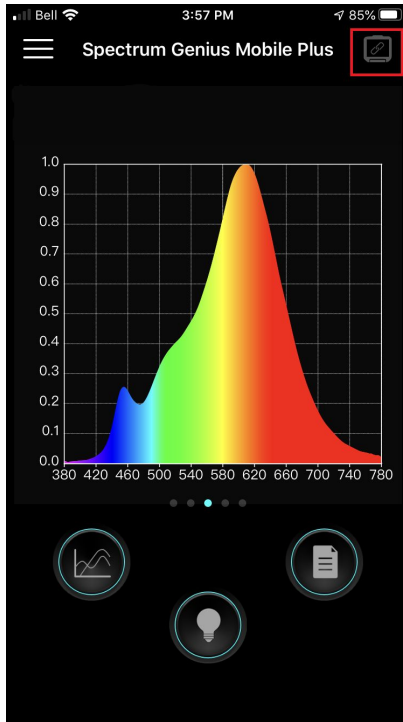

For Essence Pro, the cost for the App is **200$**

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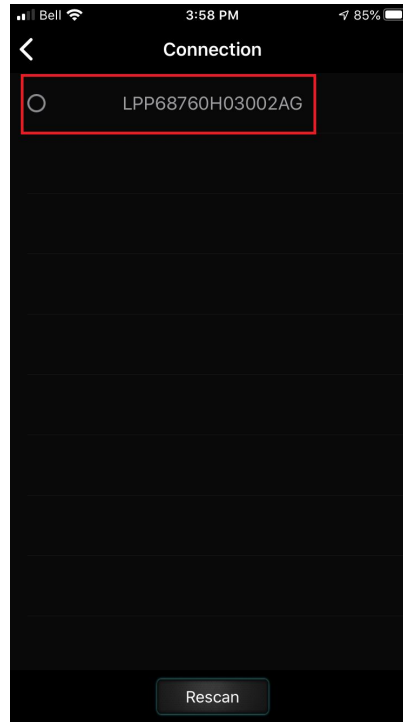
Connecting your Lighting Passport to your Mobile Device

Step 1
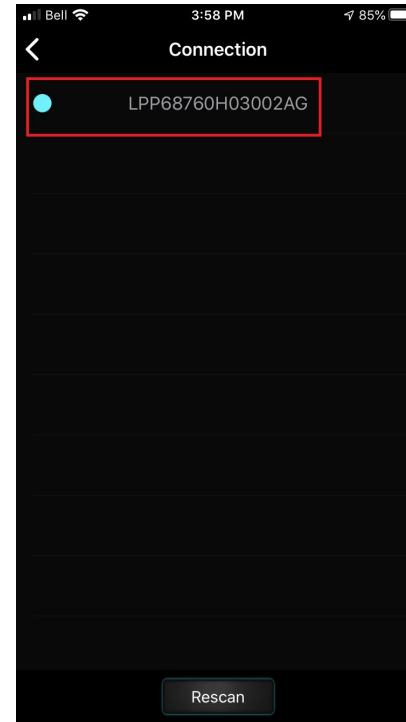Open the app and press the small Lighting Passport

Step 2
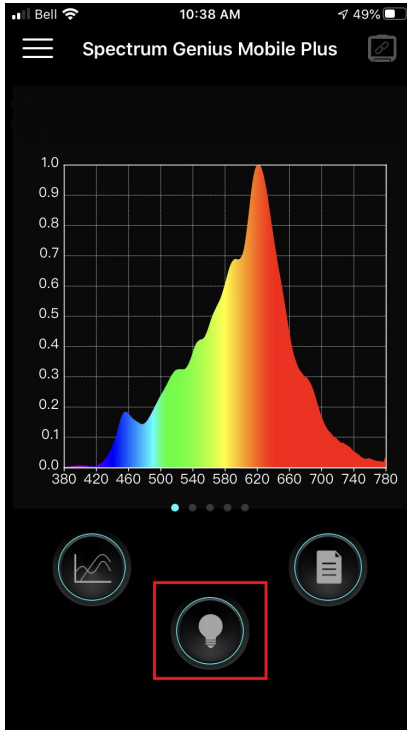Turn On Your Spectrometer, You should see a Serial Number

Step 3
Press the serial number and wait until it is connected
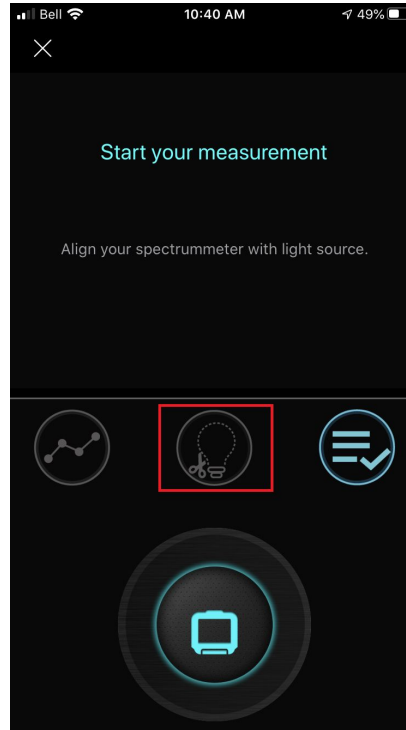
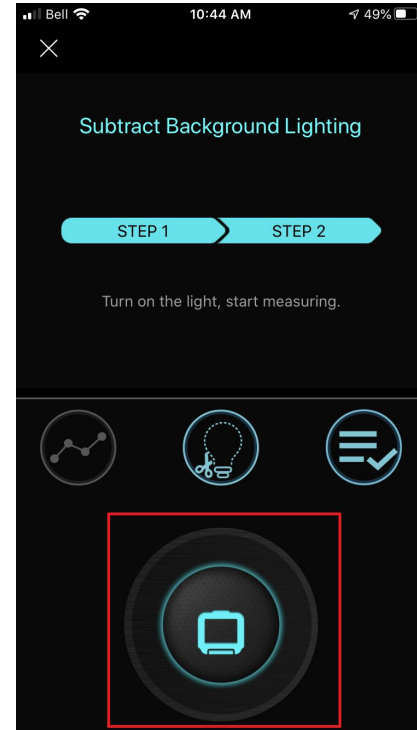# Taking a Measurements

Step 1
Press the light bulb

Step 2
Press the light bulb in the middle to subtract the background light

Step 3
Press the big spectrometer to take a measurement

After taking a Measurement

This is the result page of your measurement

1: You will return to the Main page. (**doing so, you will lose your test result, it is not save automatically**.)

2: For saving your Measurement. (**see next page on how to save your measurement.**)

3: you can swipe or select witch result you want to see

4: you can take another measurement witch will be compile with the same test data. Where it says "1 result(s)" will change to "2 Result (s)" if you take another one

Saving a Measurement

When you save a measurement, you can add more information and picture.

1: Will take you back to your test result.

2: The Title of your measurement.

3: You can add up to 3 pictures

4: This is the information of the time and location of the Measurement, it also include if it was "Continuous" and if the Background lighting was subtracted. (**Cannot be changed**)

5: The Product Name

6: After you have enter all the information you wanted, you need to press this check mark button to save it (**Please note that if you just go back to the test results (Point #1) it will not save**)

Send your record by Email with the Cloud service

Step 1
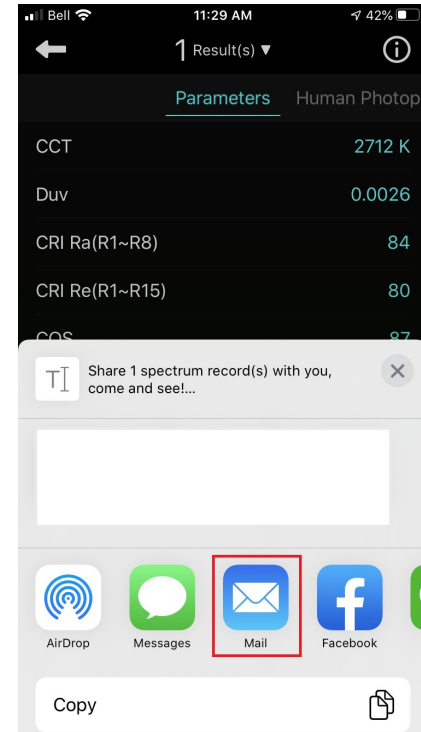Press the record Button
(paper sheet Icon)
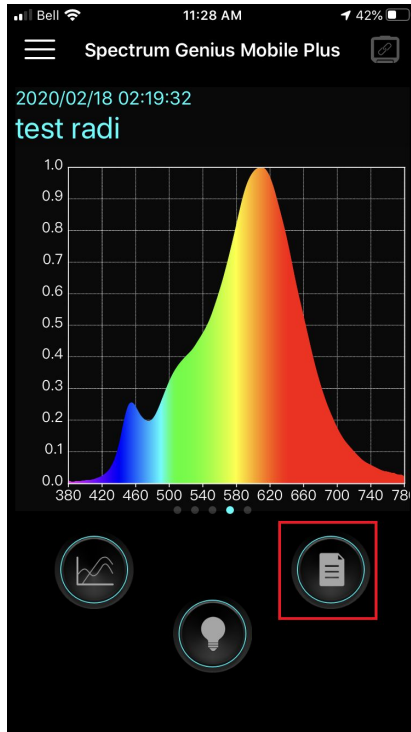
Step 2
Press the Share/Send button

Step 3
Press the "Mail" Button

Send your record by Email with the Cloud service (Continued)

Step 4
Write the Email to who you want to send the result (or yourself)

Cancel

To:

Cc/Bcc, From:

Subject: test radi-2020-02-18 14:19:32

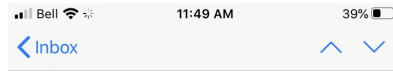Share 1 spectrum record(s) with you, come and see!

test radi-2020-02-18 14:19:32

https://spectrumgenius.com/r/bd03fb83874a18c08e5b0f77ca84e032

You can check more spectrum records with using Spectrum Genius cloud service.

https://spectrumgenius.com/

Sent from my iPhone

Step 5
The link will lead to your test results (**See Step 6**)

< Inbox

Share 1 spectrum record(s) with you, come and see!

test radi-2020-02-18 14:19:32

https://spectrumgenius.com/r/bd03fb83874a18c08e5b0f77ca84e032

You can check more spectrum records with using Spectrum Genius cloud service.

https://spectrumgenius.com/

Sent from my iPhone

Step 6
Press the Measurement tab and on the blue link, there you will have your record

| Parameter | Human Photopigment | Spectrum | R1 ~ R15 | TM-30-15 | CIE1931 | CIE1976 | IEC-SDCM | C78.377-2008 | C78.377-2017 |

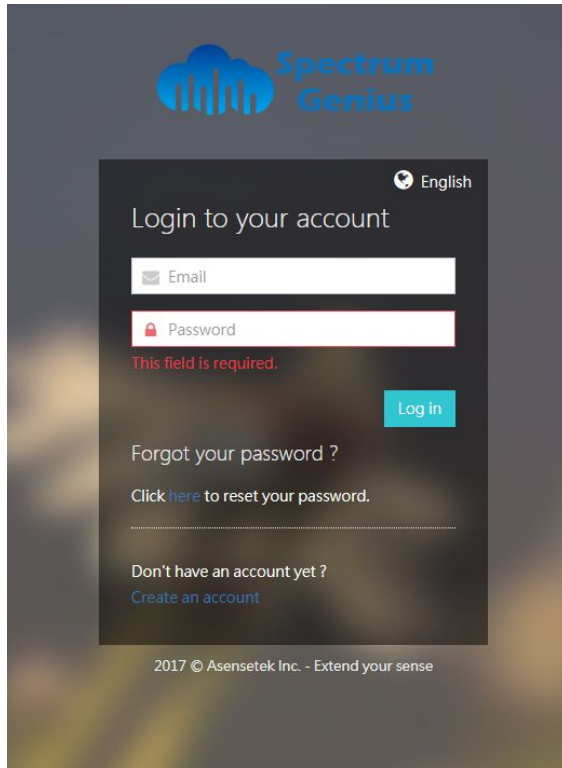| Parameter	Value
CCT	2712 K
Duv	0.0026
CRI (Ra)(R1~R8)	84
CRI (Re) (R1-R15)	80
CQS	87
TLCI(Qa)	73
GAI	40
TM-30-15 Rf	86
TM-30-15 Rg	93
Illuminance	184 lux
Foot Candle	17.1 fc
PPFD (400-700nm)	2.69 µmol/m²s
λp	609 nm
λD	583 nm
Purity (Pe)	60 %
SP Ratio	1.3
Circadian Stimulus	0.20
Circadian Light	156
Flicker Percentage	4
Flicker Index	0.01
Flicker Frequency	121

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How to Export the report from the Cloud Service

Step 1

You can export the report. To do so, you will need to connect to your account at

https://spectrumgenius.com/login

Step 2

Click "My Spectrums"

Step 3

Select the app you want to have your record

How to Export the report from the Cloud Service (Continued)

Step 4
Select the test you want to Extract the Data
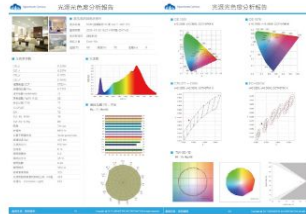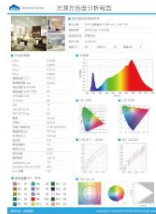
Step 5
Click on the "Export Report" Button

Step 6
You will be able to select a report on "One Page" or "Two Page" you can add your Company logo and Watermark. After you are done, click the print button. You will be able to print it or have it in PDF Format