



# Instruction on how to setup and use the Lighting Passport Spectrometer

# Which App the Lighting Passport Models Uses



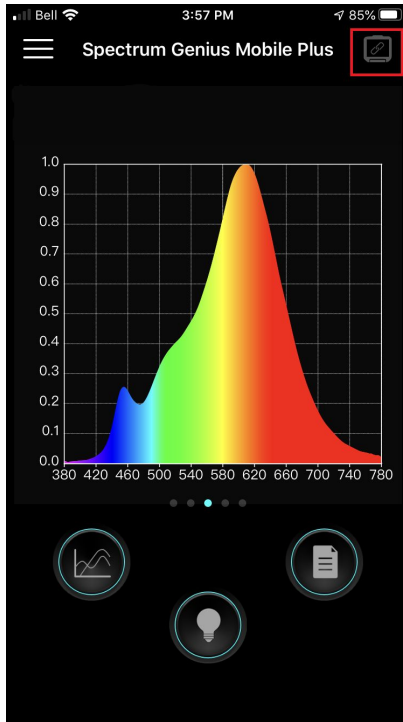
For Essence Pro, the cost for the App is **200\$**

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# Connecting your Lighting Passport to your Mobile Device

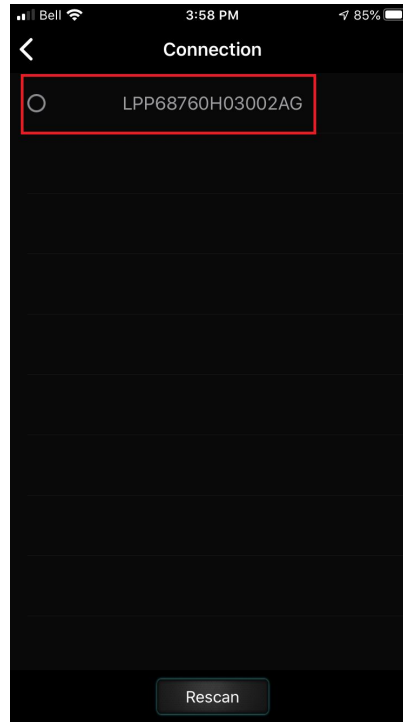
## Step 1

Open the app and press the small Lighting Passport



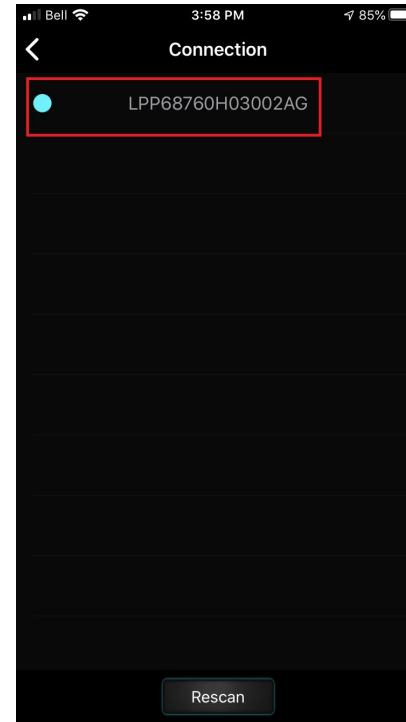
## Step 2

Turn On Your Spectrometer, You should see a Serial Number



## Step 3

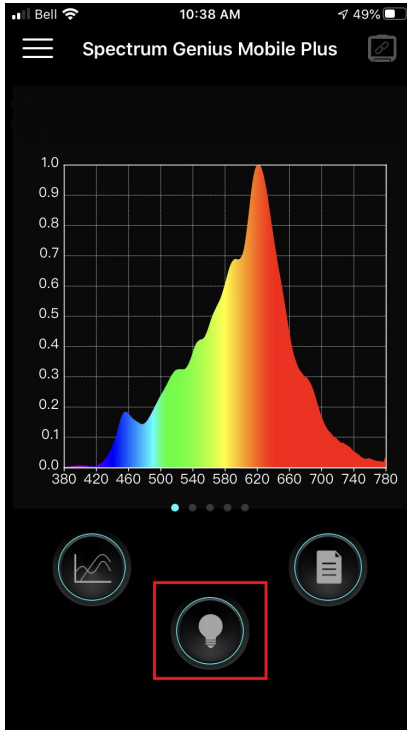
Press the serial number and wait until it is connected



# Taking a Measurements

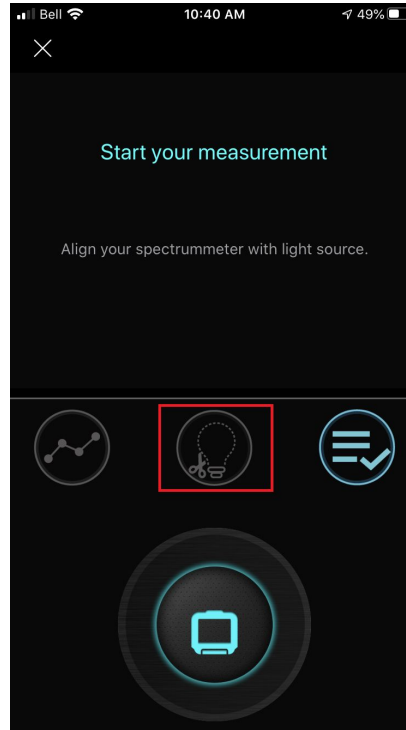
## Step 1

Press the light bulb



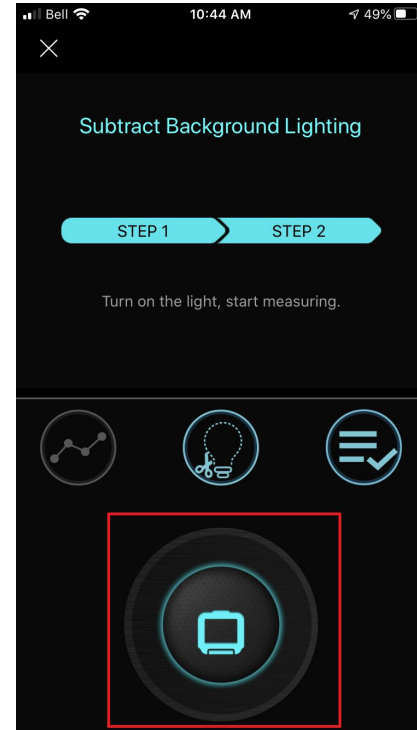
## Step 2

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**)

The screenshot shows the ASenseTek app interface for saving a measurement. At the top, there is a status bar with 'Bell' carrier, signal strength, time '11:11 AM', and battery '45%'. Below the status bar is a navigation bar with a back arrow (labeled 1) and the word 'Record'. The main content area is divided into several sections: 1. A title field (labeled 2) containing '2020/03/20'. 2. A 'Picture' section with three camera icons (labeled 3). 3. A 'Measurement Information' section with a table: 

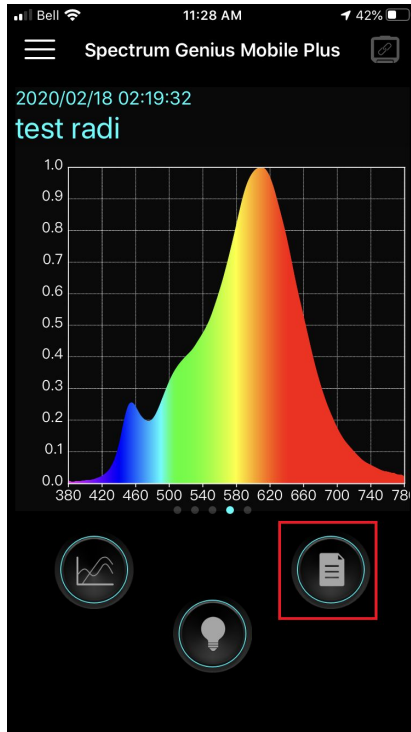
Time	2020/03/20 10:55:36
GPS	45.48682, -75.66923
Continuous	false
Background	false

 (labeled 4). 4. A 'Product Info' section with a 'Product Name' field (labeled 5). 5. A large circular button with a checkmark (labeled 6) at the bottom.

# Send your record by Email with the Cloud service

## Step 1

Press the record Button  
(paper sheet Icon)



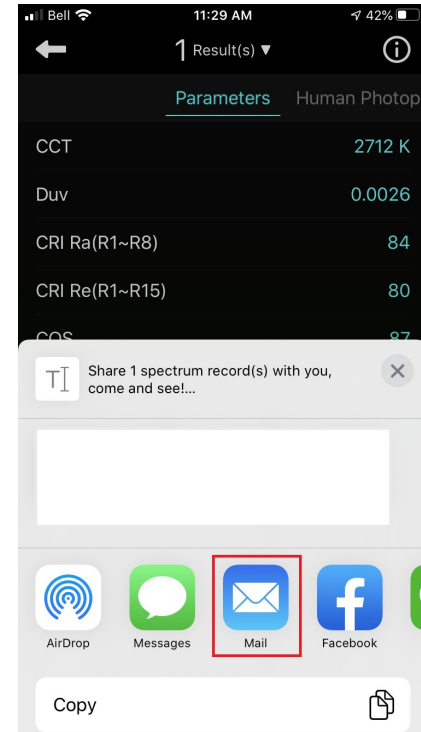
## Step 2

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)



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>

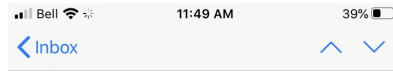
You can check more spectrum records with using Spectrum Genius cloud service.

<https://spectrumgenius.com/>

Sent from my iPhone

### Step 5

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



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.

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Sent from my iPhone

### Step 6

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

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 $\mu\text{mol}/\text{m}^2\text{s}$
$\lambda_p$	609 nm
$\lambda_D$	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

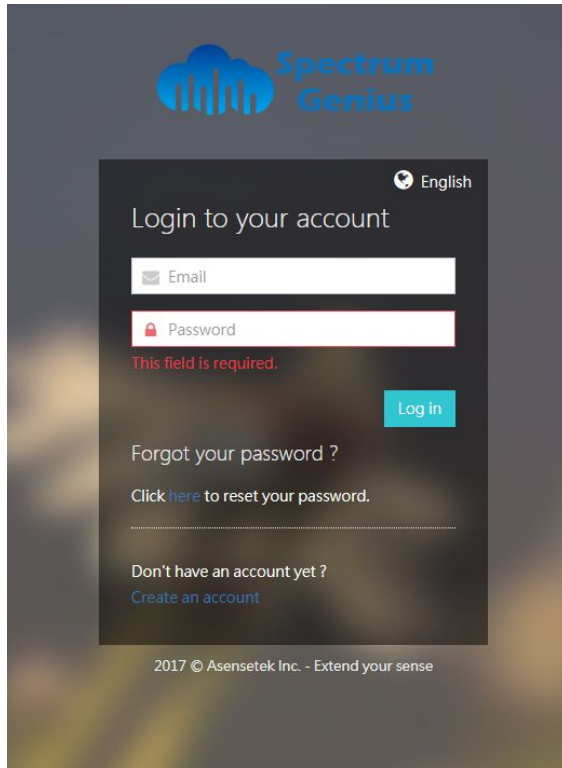


# How to Export the report from the Cloud Service

## Step 1

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

<https://spectrumgenius.com/login>



The screenshot shows the Spectrum Genius login interface. At the top is the Spectrum Genius logo. Below it, there's a language selector set to 'English'. The main heading is 'Login to your account'. There are two input fields: 'Email' and 'Password'. The 'Password' field has a red error message below it: 'This field is required.' To the right of the password field is a 'Log in' button. Below the login fields, there's a link for 'Forgot your password?' and a note to 'Click here to reset your password.' At the bottom, there's a link for 'Don't have an account yet?' and a 'Create an account' link. The footer text reads '2017 © Asensetek Inc. - Extend your sense'.

## 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

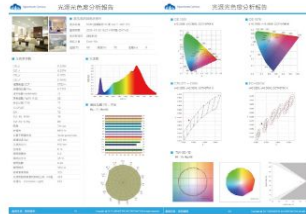
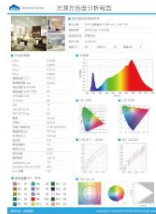


Report Setting

Select Style

☒ One Page

☐ Two Page



Company Logo



Watermark



## 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