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Important Information

Every EverGen EMS must be commissioned using the EverGen Setup App.

Login credentials will be provided by Sol's Customer Support department. The setup app is used to ensure proper onsite installation and confirmation of all settings to validate the warranty.

Once logged in, you will need to enter the order number so the app can gather all commissioning information. You will need internet access* to download the order information, but afterwards, the app can operate without a connection.

At your install location, follow the steps outlined below to commission your solar lights:

1. Connect to the light.
2. Verify the components and the settings.
3. Complete the diagnostics test.

This process is repeated for each EverGen EMS in the project.

Items to Note

The app uses **Bluetooth® wireless technology** to test and commission each light in your project or multiple projects. Just stand within 10 feet of a light and follow the onscreen instructions to complete setup in minutes. Keep your product order information handy in case you need it during setup.

You'll also automatically connect your light to our satellite network to activate your LightGuard remote monitoring. LightGuard reports system health in a timely manner so that crews can take preventative or corrective action and help extend the service life of the system.

Learn more about the EverGen Setup App and find links for downloading at <https://solarlighting.com/evergen-app>.

*Operator data charges may apply. Use a WiFi connection or unlimited data plan if possible to avoid charges.

Android Device Requirements	iPhone Requirements
6.0 or newer operating system with Bluetooth 4.0+	iPhone 5s or newer running iOS 11.0+



Installation and commissioning should occur during the daytime. If a Solar Charge Fault occurs during testing, the App will ask if it is nighttime. If it is nighttime, prior to confirming, ensure that the solar panels are correctly connected to the EMS. Only confirm if it is dark and you have checked the solar panel connection. If a Solar Charge Fault occurs during daytime then it is likely due to the solar panel(s) not being connected. Check the connection and recommission the system.

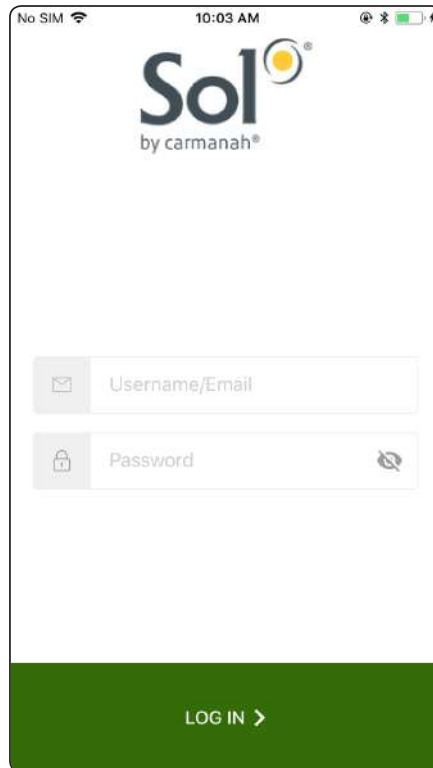
Before You Arrive at the Site

Logging In

Once you install the application on your compatible device, it will point you to a login screen: enter the email and password provided by Sol Customer Support and log in to the app.

Once you are logged in, your email and password are saved for two (2) months; until then, you don't need to re-enter it. You can remove the saved email/password by signing out of the app, but be careful, as it deletes any saved data, and you will need to re-download any orders.

If you do not have a password, please contact Sol Customer Support: 1-800-959-1329 (toll-free) or +1-772-286-9461 (international).



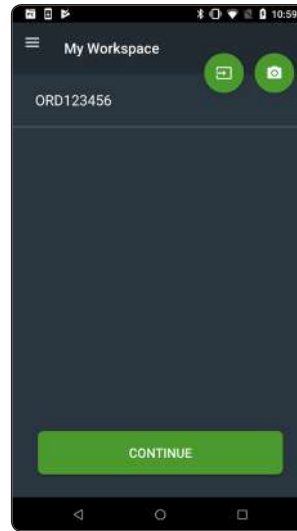
Login screen

Using the Workspace

Your workspace is where all your active installation order numbers are entered and stored. Whether you are using an Android or iPhone device, the process of commissioning (setting up) is the same. The main difference is Android's "hamburger menu" (☰) and buttons navigation versus the iPhone's linear flow. This overview will focus on iPhone, but it will point out any aspects that are different along the way.



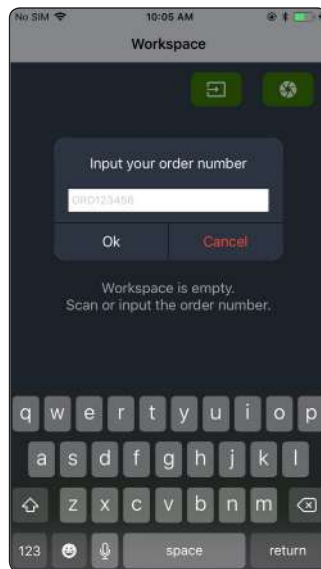
iOS workspace



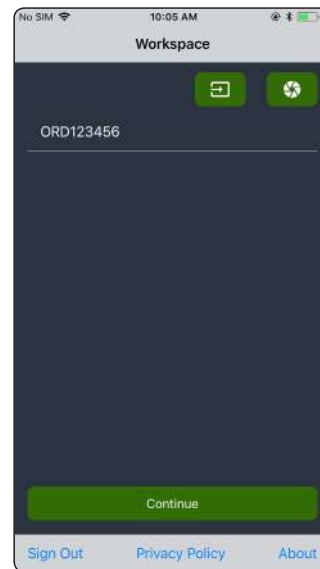
Android workspace

Downloading Orders

Download your order information manually by typing it in (e.g. ORD101101). You may have multiple orders loaded into the workspace at one time.



Enter order number



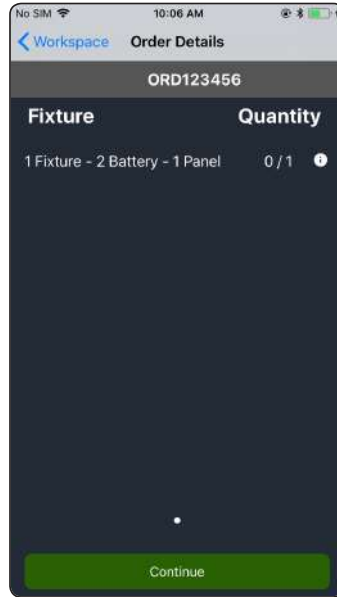
iOS workspace with order number

Once order information has been downloaded to the phone, you no longer need internet connectivity. This allows you to operate the app in remote installation areas that may not have internet connectivity. Always make sure you download your order information before you depart for remote install locations.

Step 1: Connect to the Light

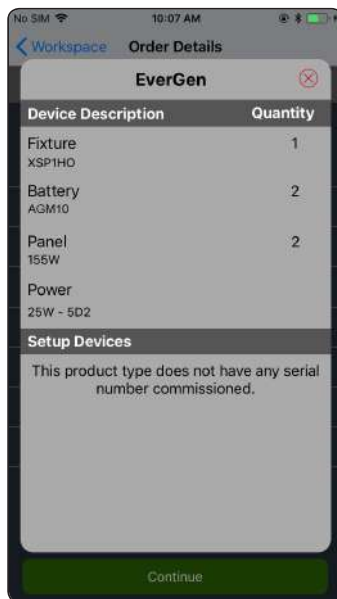
Reviewing Order Details

This page allows you to swipe left or right near the top of the screen to review orders and the type of product configuration keys each order includes. Each product key shows the quantity of lights commissioned using this key and the total quantity of lights expecting this key based on the order.



Order details

Further details can be obtained by tapping the “i” () to see power and profile settings along with the serial numbers of any devices commissioned with that product key.



Order product key details

Once you find the order you wish to use for the project, tap **Continue**.

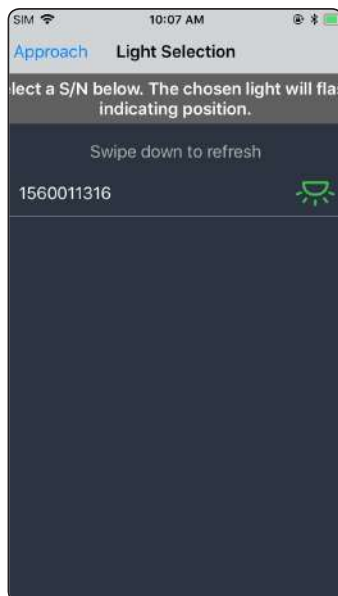
Approaching and Selecting a Light

Once an EverGen System is assembled and installed, it is ready for commissioning. For best results, try to stand underneath the light you wish to commission.



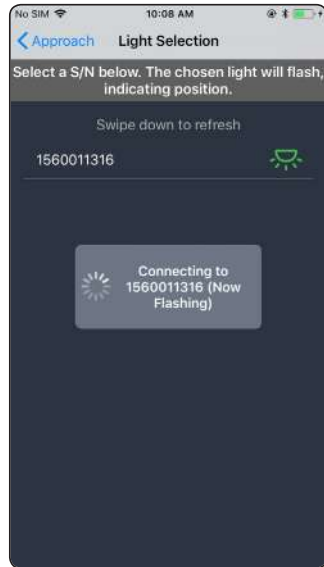
Approaching the light

Tap **Continue** and a list of available serial numbers will populate the screen. The closest light will appear at the top of the list. The icon next to it will be grey if the app hasn't commissioned the light yet. The icon will be green if it has.

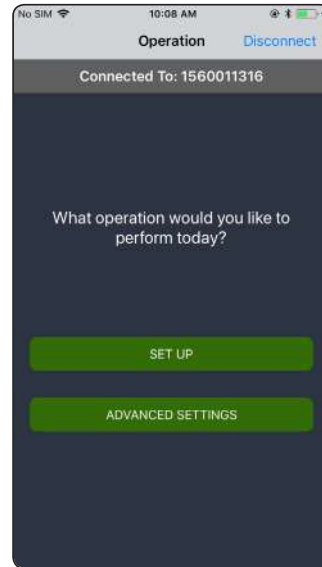


Select a light

Tapping on a serial number will cause the light to flash, allowing you to confirm you are connected to the desired light.



Connecting to a light



Connected to a light

If you need to disconnect on:

Android

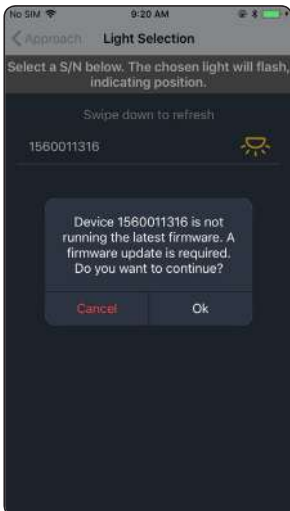
Use the back triangle

iPhone

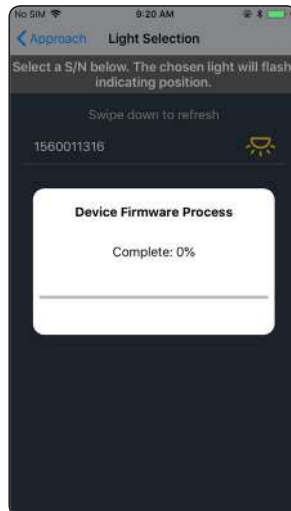
Tap "DISCONNECT"

Installing Firmware Updates

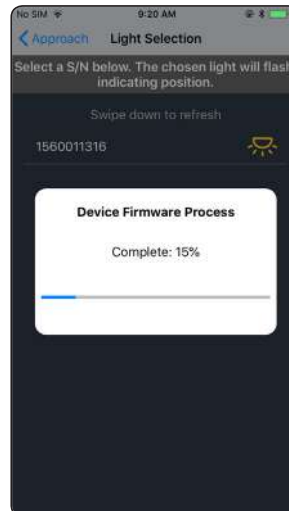
From time to time, the EverGen firmware may be upgraded to improve performance or add features. Any EverGen containing older firmware will need to be updated. Follow the prompts to allow the app to update the firmware. The EverGen will reset after a firmware update and therefore you will have to reconnect to the light to continue the setup process.



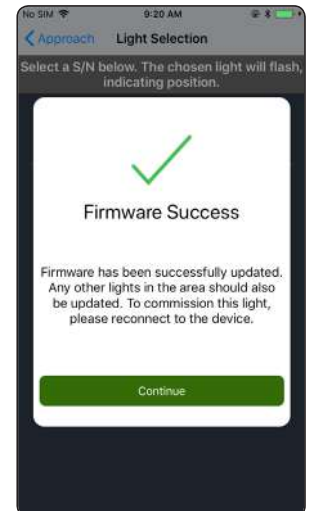
Firmware update confirmation



Firmware updating



Firmware updating #2

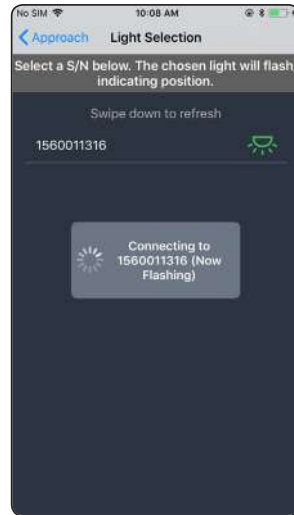


Firmware success

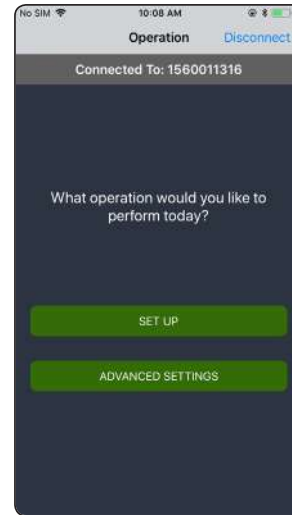
Step 2: Verify Components and Settings

Starting the Setup

Once you are connected to the correct light, the Operation screen allows you to commission (set up) the light with your order's product key.



Connecting for setup

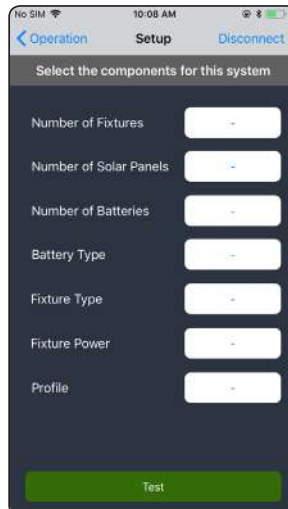


Connected for setup

Advanced Settings are for lights that have already been commissioned. These options are constantly evolving. Please see info sheets related to new features.

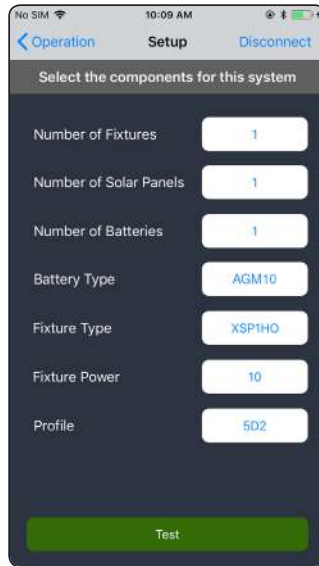
Confirming Components

On the screen you are asked to confirm the system components used in the installed light and confirm the profile and power settings. This validates the warranty: the location of the install, the quantity of panels, the quantity of batteries, the fixture power, and the profile all must be confirmed to ensure the system will operate sustainably at the location it was designed for.

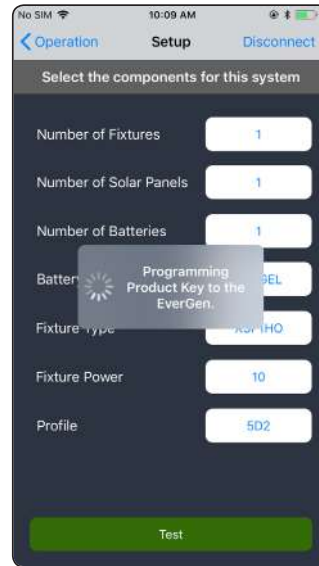


Confirmation of components

Enter the correct values and select **Test**.

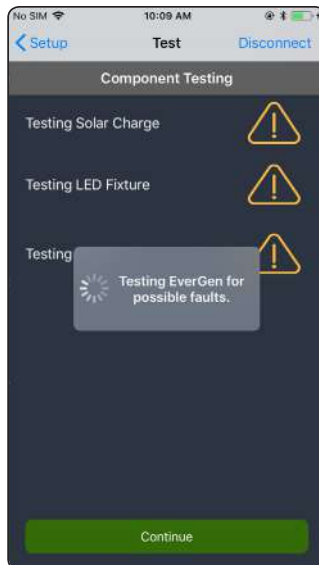


Completed confirmation of components

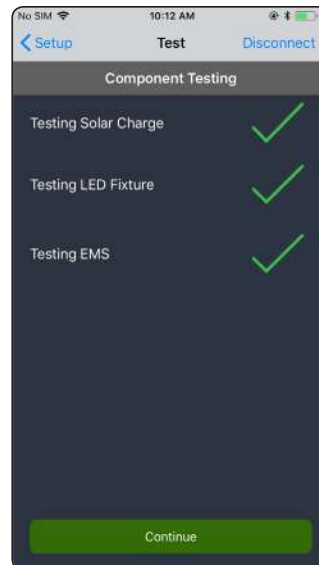


Programming product key

Once you have confirmed the components that match your order, the EverGen EMS will perform a complete system test. This test includes testing EMS diagnostics, charge, and fixture operations.



Fault testing



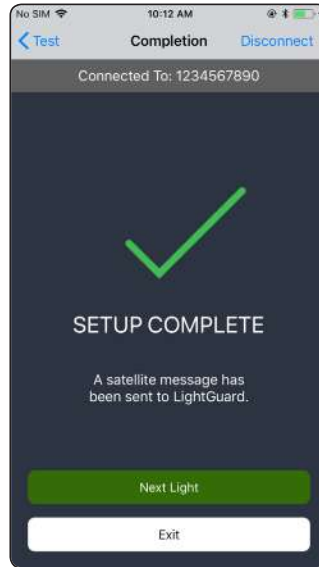
Successful component test



Installation and commissioning should occur during the daytime. If a Solar Charge Fault occurs during testing, the App will ask if it is nighttime. If it is nighttime, prior to confirming, ensure that the solar panels are correctly connected to the EMS. Only confirm if it is dark and you have checked the solar panel connection. If a Solar Charge Fault occurs during daytime then it is likely due to the solar panel(s) not being connected. Check the connection and recommission the system.

Completing the Setup

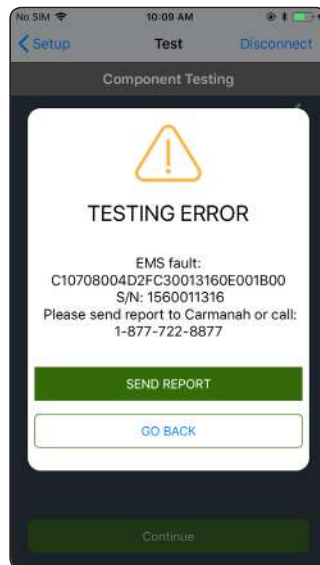
When Setup is completed successfully, the LED fixture will turn on for one minute. Once commissioning is completed, tap Next Light to continue to the next light and repeat the process, or tap Exit to go back to the Workspace.



Commissioning complete

Troubleshooting

In the unlikely event an issue arises during component testing, an EMS fault code will be displayed.



Fault message



Fault email

If this occurs, you can send a report email to Sol Customer Support that includes your contact information so our team can help resolve the issue. When prompted, please enter your name and contact number.

For any further information, please contact Sol Customer Support:

Mail: Sol Inc.
2637 E Atlantic Blvd #40620
Pompano Beach, FL 33062, USA

Phone: 1.772.286.9461
1.800.959.1329 (Toll Free in U.S. and Canada)

Fax: 1.250.380.0062

Email: customerservice@solarlighting.com

Website: solarlighting.com