LANELIGHTCONNECT™

QUICK START GUIDE

Access LaneLight Connect

1. In the browser's search window, enter https://services.lanelight.com.
2. Enter your user name (email) and password, then click LOGIN.
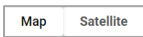
   The main window will appear.
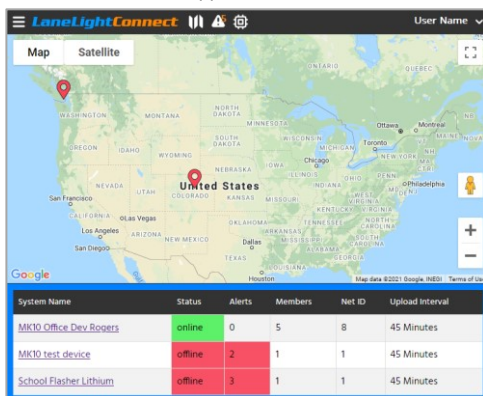
A list of your systems and basic status information is displayed below the map view. The map view shows system and device locations.

Use the Map Tools

The map view has the following tools that allow you to manage how the information is displayed:

- Click to toggle to a full screen view.
- Click to show or hide the map view.
- Click and to zoom into or out of the current view magnification.
- Press **Ctrl** and use the mouse scroll wheel to zoom into or out of the view as well.
- Click to switch between the map and satellite views.
- Drag and drop the pedestrian icon to switch to a street view.
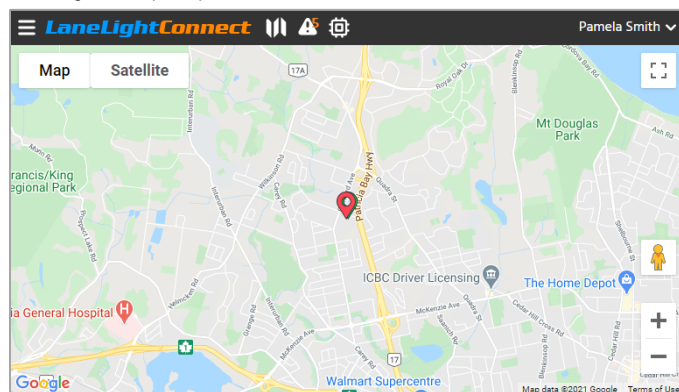
## View System and Device Information

The map view displays pins that indicate where all connected devices are located.

Green pins indicate that the device has uploaded data and that it is connected to the LaneLightConnect service. A red pin indicates loss of connection, which can be caused by environmental conditions, for example, heavy snow or rainfall, or system failure or physical damage, such as a knock down or loss of power.
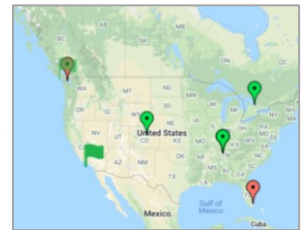
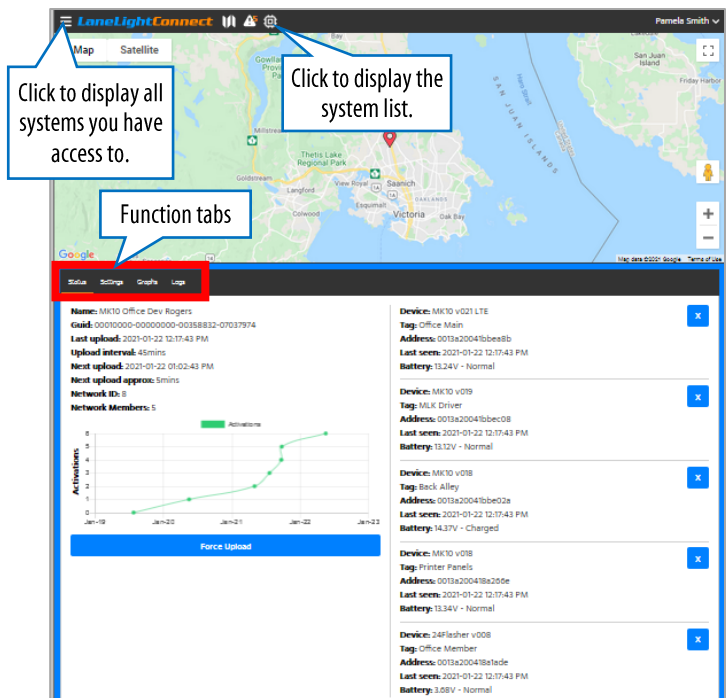### Access System and Device Status Details

To access system and device details, do one of the following:

- Click a pin on the map.
- Click a system name in the list below the map.
- Click the main menu in the upper left corner and select the system name.

The main system view appears with the **Status** tab selected by default.

The **Status** tab displays detailed network and device status information.

Manage Settings

Use this procedure to manage general settings. To manage schedules, see the procedures on the next page.

1. Select the system you want to manage.
2. Click the **Settings** tab.
3. Change the system settings as required. See notes below.
4. Click **Settings Save/Sync**. The new settings will propagate to the devices.

   Changes saved at the controller in the field will be transmitted immediately back to the LaneLight Connect server and will be displayed on this tab.

Activation Mode: Select how the flash device will be triggered.

Crossing Time: Set the flasher time in seconds.

Flash Pattern: Select a flash pattern from the list.

Day Bright %: Set the daytime flasher brightness as a percentage (100 = full brightness).

Night Bright %: Set the nighttime flasher brightness (dimming) as a percentage of full brightness.

Light Dim Voltage: Set the solar panel voltage threshold for switching between day and night brightness setting. Default threshold value: 8V

Lux Dim Value: Set if the system uses an ambient light sensor.

Time Zone: Set the time zone where the system is installed.

Day Light Savings: Set to ON if the area where the system is installed uses Day Light Savings Time.

Schedule: Shows which flash schedule will be used if **Sched/CC** is selected under **Activation Mode**.

Manage Schedules (MK10 System Controller Only)

If the system uses LaneLight MK10 system controllers, you can create and edit flash schedules using LaneLight Connect.

Apply an Existing Schedule

1. Select the system you want to schedule.
2. Click the **Settings** tab.
3. Under **Schedule**, select the required schedule from the drop down list.
4. Click **Settings Save/Sync**.

   The view will switch to the **Status** tab, where you will see the message **Settings synced on next upload**.

5. (Optional) To apply the schedule immediately, click **Force Upload**.

Create a New Schedule (School Zone)

The following procedure shows how to define a typical flash schedule for a school zone:

1. Select the system you want to schedule.
2. Click the **Settings** tab.
3. Under **Schedule**, click **Edit**.

4. Click **Create New Schedule**.
5. In the **Schedule Name** field, enter a name for the schedule.
6. Under **Event One**, enter the start and end time for the first flash event (i.e. morning flash schedule). Click **Add** if there is no field open yet.
7. Click **Add**. A new time range window will appear below the first.
8. Enter the start and end time for the second flash event (i.e. afternoon flash schedule).
9. In the right pane, select the date range where the schedule will apply.
10. Under **Rule Selector**, select **Date Range Week Days** from the second drop down list.
11. From the third drop down list, select **Event One**.
12. Click **Apply Rule**. The selected days will display the Event One color.

At this point, the morning and afternoon flash schedule called Event One is applied to all weekdays from January 4 to April 25 and the Rule has been saved in the drop down list. NOTE: A Rule consists of a date range, date range type, and an Event flash schedule.

Set a single day with no flash schedule

There are single days where no flash schedule is required.

13. On the calendar, click the day where there will be no flash schedule.
14. In the Event drop down list, select **Off Event**.
15. Click **Apply Rule**. The selected day will display the **Off Event** color and the system will not execute any flash schedules on that day. The Rule will appear in the drop down list. (continued next page)

The system will not flash on days where no schedule exists.

16. Repeat this for each single day where no flash schedule is required.

Set a date range with no flash schedule

There is a week (spring break) where no flash schedule is required.

17. In the calendar, click on the first day of the no-flash date range.

18. Click on the last day of the no-flash date range.

19. In the Event drop down list, select **Off Event**.

20. Click **Apply Rule**. The selected days will display the Off Event color and the system will not execute any flash schedules on those days. The Rule will appear in the drop down list.

21. Click **Save Schedule**.

The new schedule now appears on the main **Settings** tab.

22. Under **Activation Mode**, ensure **Sched/CC** is selected from the drop down list.

23. Click **Settings Save/Sync** to distribute the schedule to the devices in the system.

View Status Details

The **Status** tab provides status details for a system and all devices within that system.

- The left side of the window displays LTE modem and cell network information.
- The right side of the window displays information for devices associated with the selected system.

On this tab, you can do the following:

- Click **Force Upload** to signal the devices to upload data to the server immediately.
- Click the blue X beside a device name to disassociate it from the current system.

View Graphs

Depending on the application, graphs for different data can be displayed. This can include, but is not limited to, cumulative activations, daily activations, battery voltage, panel voltage, LED output current, temperature, and line power availability. Customized graphs, reports, and views can be configured. Contact LaneLight for more information.

1. Select the system you want to view.
2. Click the **Graphs** tab.

3. Move the cursor over a data point to view the details.
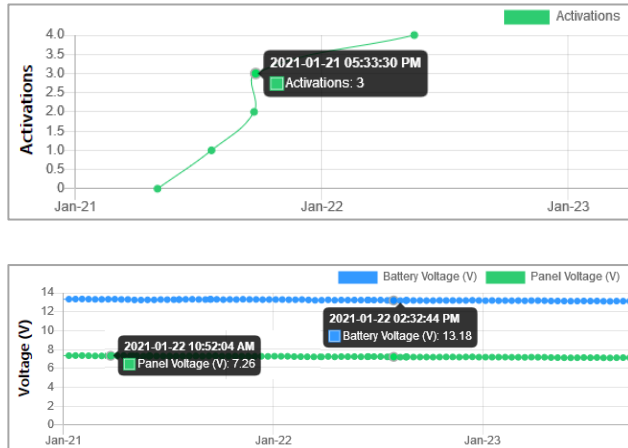
View Logs

A time-stamped log file with key data such as activations, changes in settings, and critical events such as low battery, are displayed in a chronological list. LaneLight can download and provide them in various formats upon request.

1. Select the system you want to view.
2. Click the **Logs** tab.
3. Set the **Start Date** and **End Date** for the log entries you want to view.

Contact Information

To order, or for more information, contact LaneLight:

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