Analytics Guide

ABOUT THIS GUIDE

Welcome to the analytics guide for the Amatis Lighting Control System. In this guide, you'll find straightforward explanations of the data graphing interface. Whether you're looking to see if a space was occupied yesterday, or see when the lights turned off last week, this guide will walk you through the process with ease.

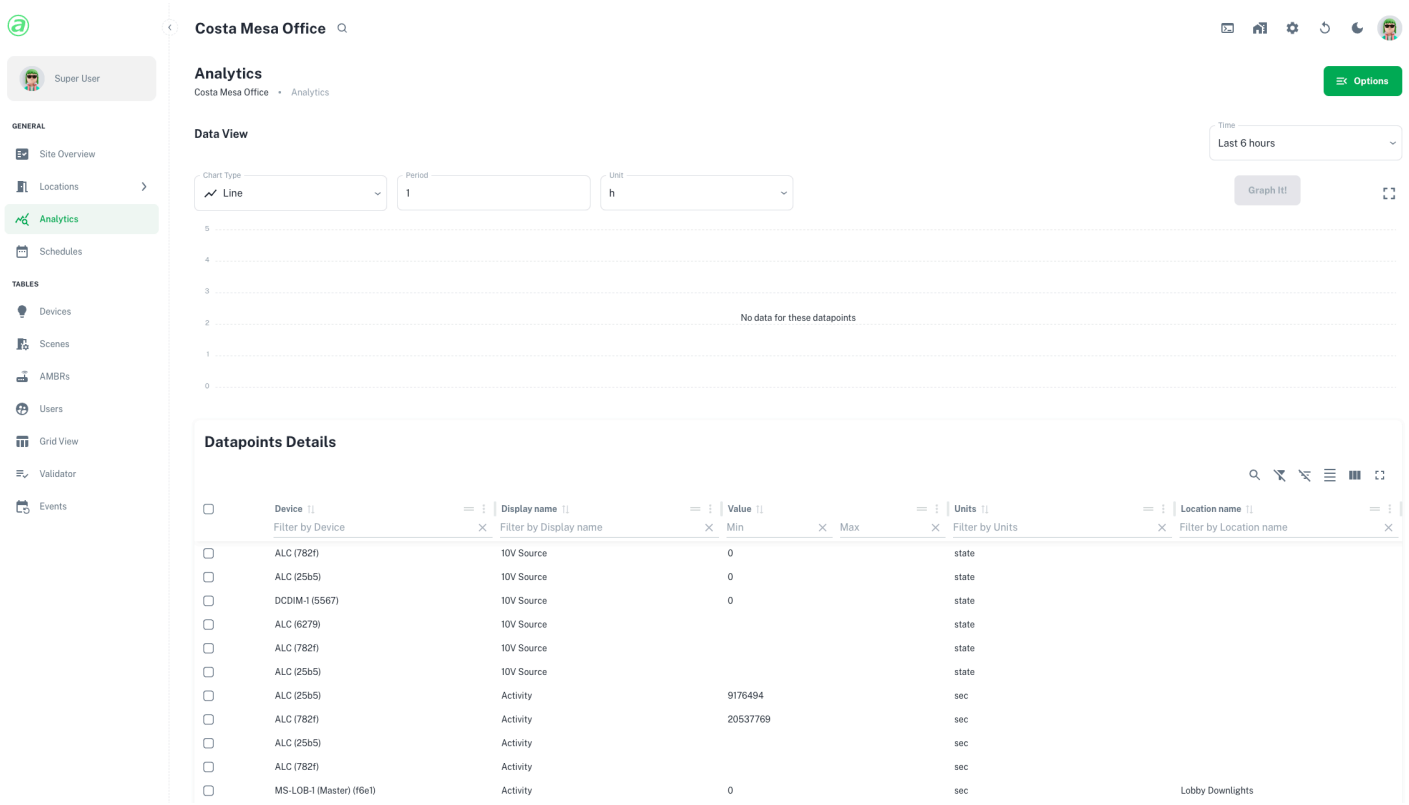
NECESSARY PARTS

The following parts will be necessary to complete this guide:

1. A functional Amatis lighting controls system
2. Amatis/Luum devices active and reporting data

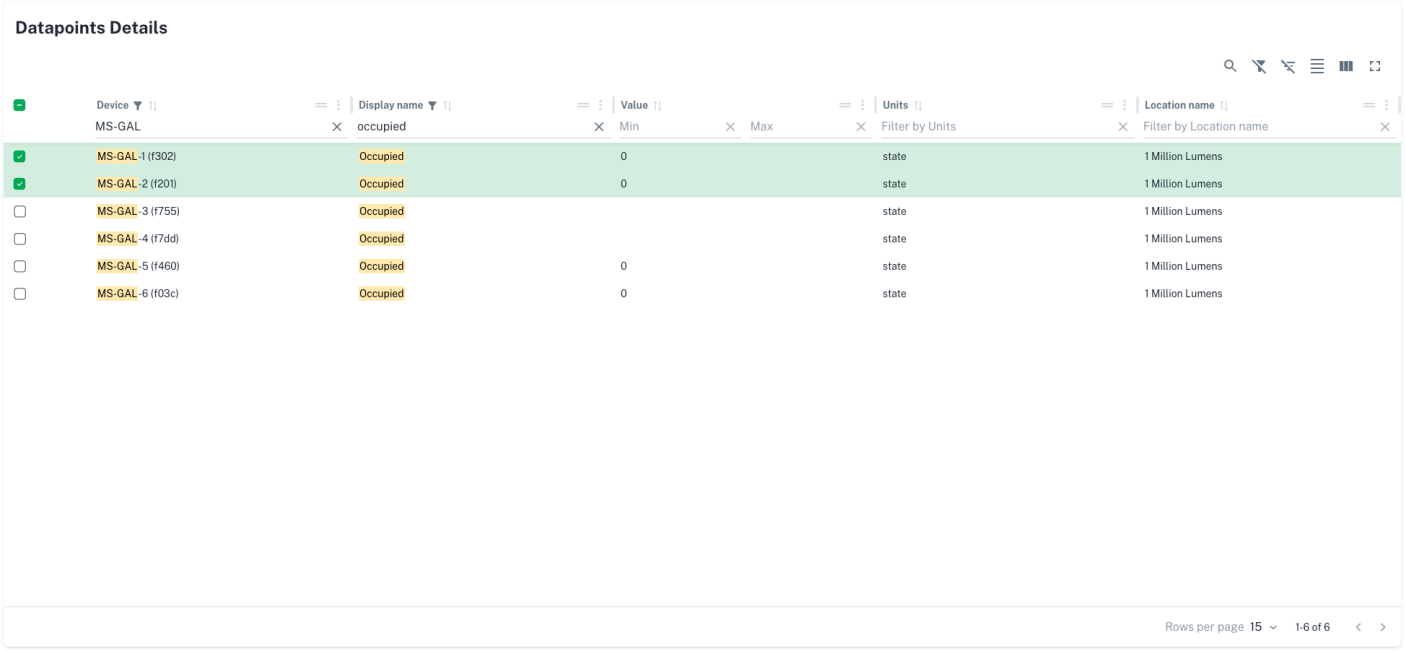
SYSTEM SETUP

Before getting started with data graphing, ensure the site has an active internet connection. Once you are logged into the app and devices have been collecting historical data, analytics can begin.



SELECTING DATAPOINTS

Before graphing any data, datapoints need to be selected. Search by device and display name, and check the datapoint(s) to be graphed.



Devices are typically found by their name, ID (last four of their MAC address), or by searching for a location. "Display name" refers to the name of the datapoint. See the tables below for common datapoint names to search for:

X-PoE Datapoints

DATAPOINT NAMES		
Energy ch[x]	Wh (Watt Hours)	Cumulative energy consumption for a channel (replace X with channel)
I ch[x]	A (Amps)	Current flowing through a channel (replace X with channel)
P ch[x]	W (Watts)	Power consumption of a channel (replace X with channel)
State ch[x]	% (Percentage)	Output level for a channel (replace X with channel)
State P[x]	% (Percentage)	Output level for a port (replace X with port)
V ch[x]	V (Volts)	Voltage measured for a channel (replace X with channel)

Amatis Datapoints

Advanced Load Controller (ALC)

DATAPOINT NAMES		
Channel 1	% (Percentage)	Output level for the 0-10V output
Current	A (Amps)	Current flowing through the device
Humid	% (Percent RH)	Humidity measured by the sensor2 (if connected)
Light	% (Percentage)	Light level measured by the sensor2 (if connected)
Occupied	State (1 or 0)	The occupancy state of the sensor2 (if connected)
Power	W (Watts)	Power consumption of the device
Relay	State (1 or 0)	Open/close state of the relay
Temp	°C (Degrees Celsius)	Temperature measured by the sensor2 (if connected)
Voltage	V (Volts)	Voltage measured by the device

DCDIM

DATAPOINT NAMES		
Current	A (Amps)	Current flowing through the device
DAC	% (Percentage)	DAC output level of the device
Power	W (Watts)	Power consumption of the device
PWM	% (Percentage)	PWM output level of the device
Voltage	V (Volts)	Voltage measured by the device

DRIVER

DATAPOINT NAMES		
Channel 1	% (Percentage)	Output level for the device
Humid	% (Percent RH)	Humidity measured by the sensor2 (if connected)
Light	% (Percentage)	Light level measured by the sensor2 (if connected)
Occupied	State (1 or 0)	The occupancy state of the sensor2 (if connected)
Power	W (Watts)	Power consumption of the device
Temp	°C (Degrees Celsius)	Temperature measured by the sensor2 (if connected)

Power Hub Driver (PHD)

DATAPOINT NAMES		
Ih ch[x]	A (Amps)	Current flowing through a channel (replace X with channel)
P ch[x]	W (Watts)	Power consumption of a channel (replace X with channel)
St ch[x]	% (Percentage)	Output level for a channel (replace X with channel)
St zn-[x]	% (Percentage)	Output level for a 0-10V zone (replace X with zone)
Vh ch[x]	V (Volts)	Voltage measured for a channel (replace X with channel)
Vin	V (Volts)	Input voltage measured for the device

Sensor1 (MLTH)

DATAPOINT NAMES		
Channel 1	% (Percentage)	Output level for the 0-10V output
Humid	% (Percent RH)	Humidity measured by the sensor
Light	% (Percentage)	Light level measured by the sensor
Occupied	State (1 or 0)	The occupancy state of the sensor
Temp	°C (Degrees Celsius)	Temperature measured by the sensor

GRAPHING DATA

Once datapoints have been selected, the data can be graphed. Select "Graph It!" to graph the data.



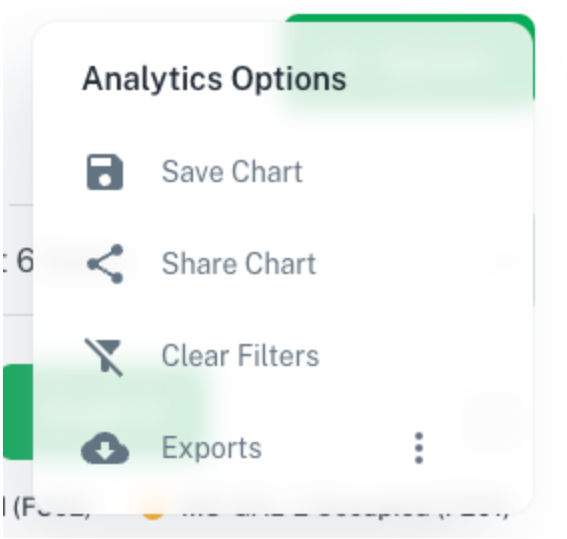
The chart type, period, unit, and time can all be adjusted using the options above the graph.

- Adjust the "Time" option to choose when data should be displayed from.
- Adjust the "Unit" option to see data on a more or less granular level.
- Highlight the graph horizontally to zoom in on a shorter period of time.

These are just some of the ways to customize the graph and view data in various ways.

GRAPH OPTIONS

Select the "Options" button in the top right to view additional graphing options.



- "Save Chart" allows the chart to be saved and viewed later.
- "Share Chart" generates a link to the chart to be shared with others.
- "Clear Filters" clears all the filters and resets the chart.
- "Exports" allows the chart to be exported as a csv or image file.

RELATED INFORMATION

Technical Support

Questions about this guide can be sent to support@luum.io.

Document Feedback

While we have taken great care to ensure the accuracy and completeness of this document, we welcome your feedback and suggestions. If you notice any errors or omissions, or feel a topic could benefit from further explanation, please email your feedback to support@luum.io.

Revision History

Date	Revision	Notes
11/3/2026	A	Converted to the current guide format.

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