






### PRODUCT SAFETY

When using electrical equipment, basic safety precautions should always be followed, including the following:

 **READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT.**

-  Do not let power supply cords touch hot surfaces.
-  Do not mount near gas or electric heaters.
-  Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
-  The use of accessory equipment is not recommended by Encelium as it may cause an unsafe condition.
-  Do not use this equipment for other than the intended use.

 **SAVE THESE INSTRUCTIONS.**

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### GETTING STARTED

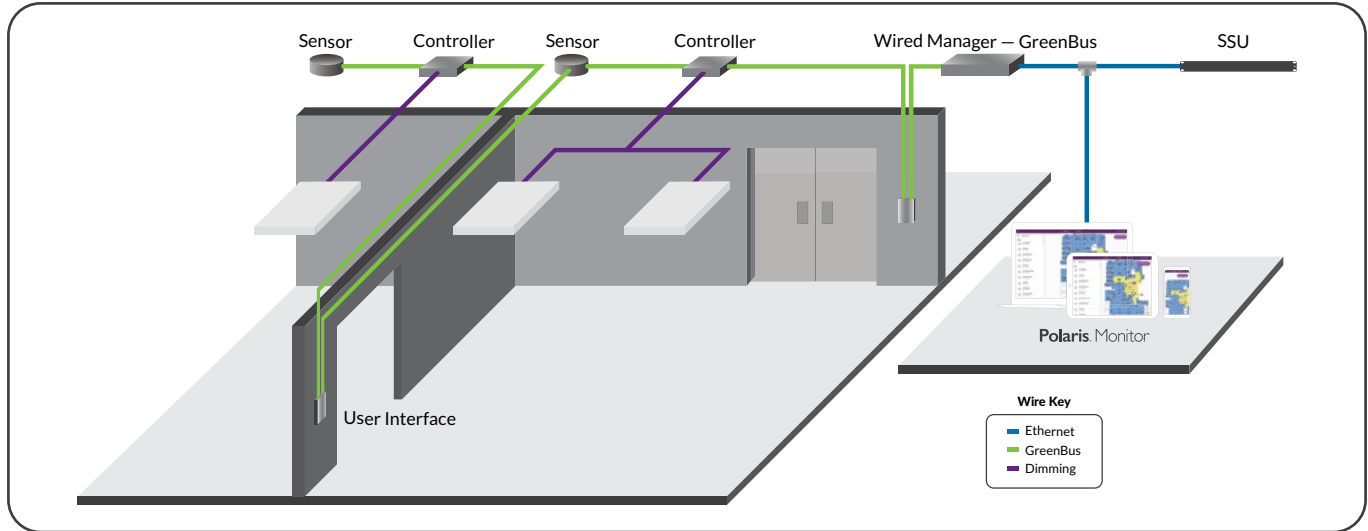
#### Overview

The System Support Unit (SSU) serves as the database server for all data and stores all system settings and parameters, including attributes for zones, fixtures, sensors, and controllers. In addition, the SSU maintains multiple set-points for light levels, time schedules, occupancy sensor timeouts, and demand response or load shedding. Each Encelium X Lighting Control System requires one SSU, typically located in a building's electrical room.

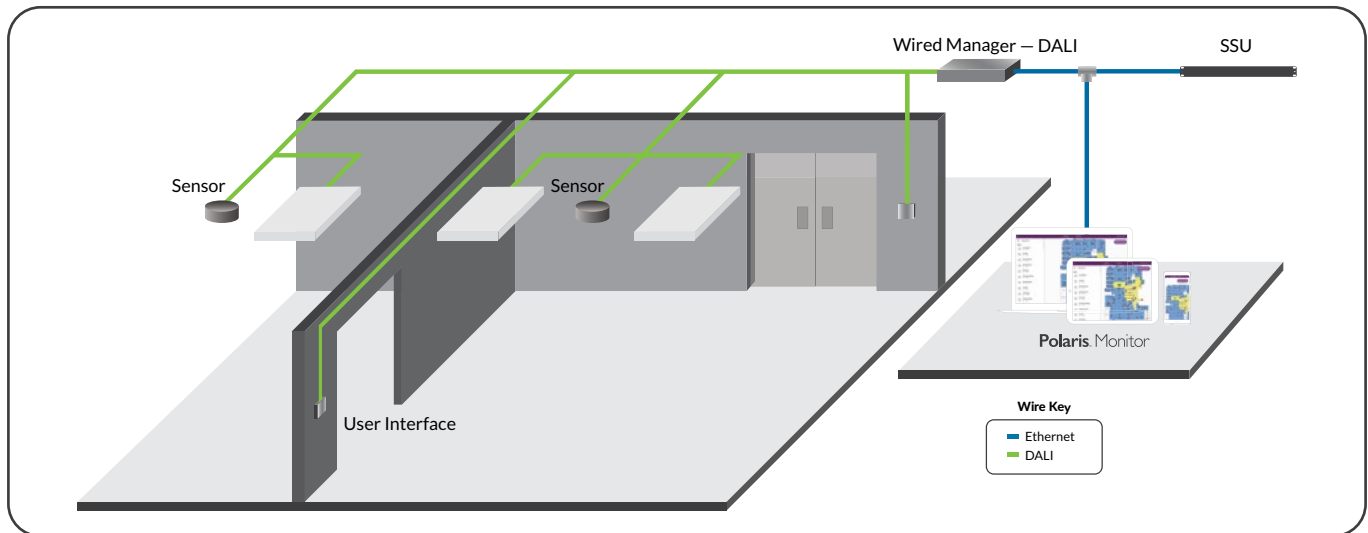
### WIRED SYSTEM OVERVIEW

GreenBus technology makes wiring fast and error-free, since it's intuitive to install. With Encelium X, you can control DALI devices exclusively or a mixture of GreenBus and DALI.

#### GreenBus

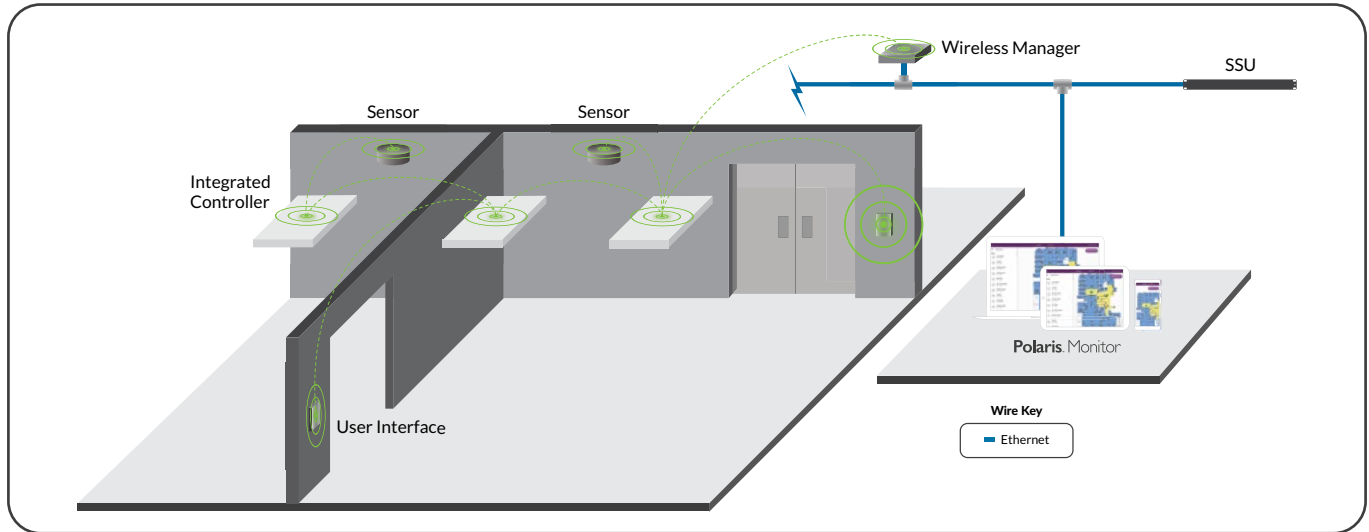


#### DALI



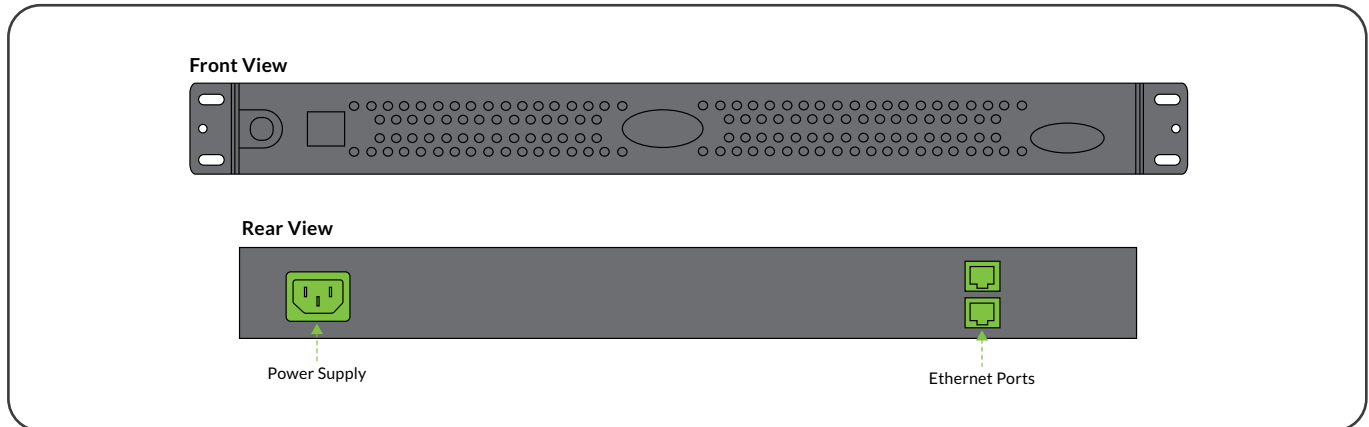
### WIRELESS SYSTEM OVERVIEW

This illustration shows how each component is easily integrated into the Encelium X Lighting Control System.



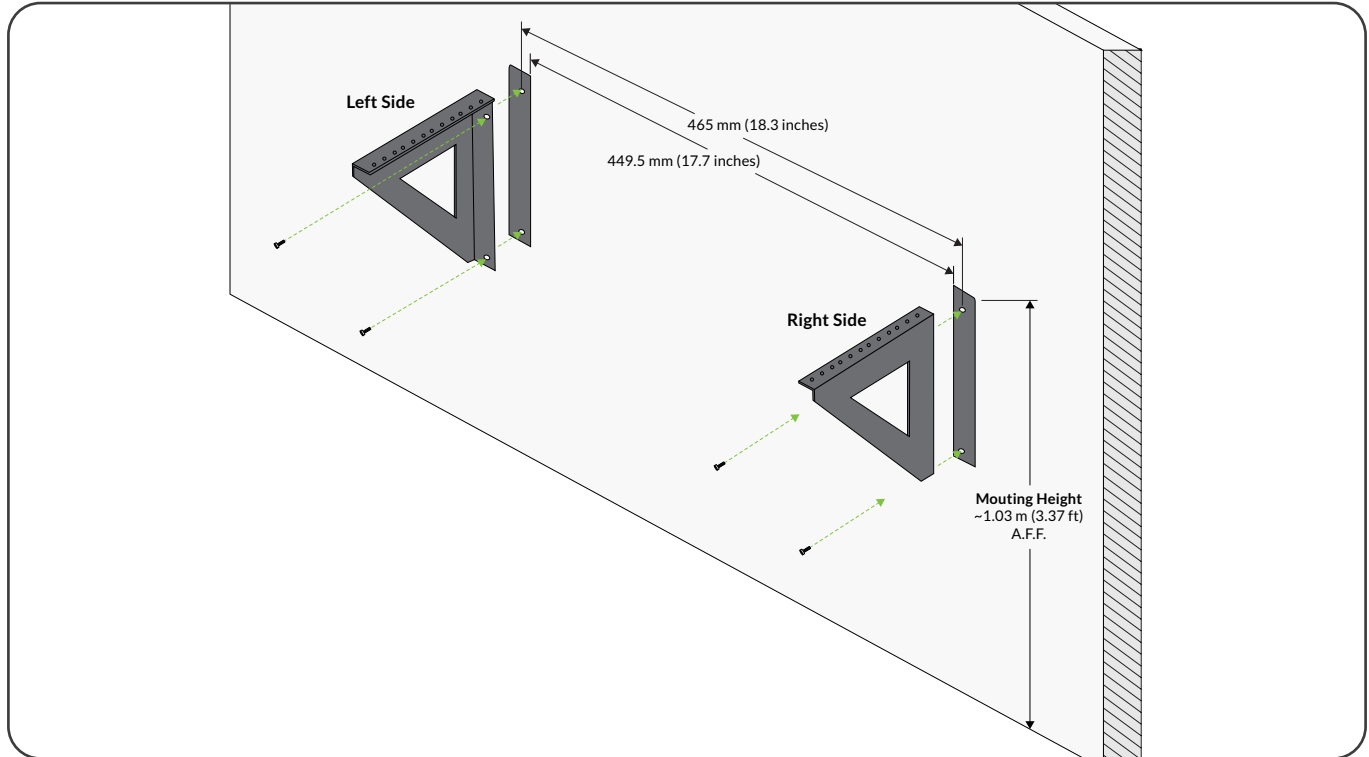
### INSTALLATION

The SSU requires power from a 100 to 240 VAC, 50/60 Hz, 300 W Emergency Circuit (Preferred), Non-Emergency Circuit (Acceptable), and one or two CAT-5 data connections.

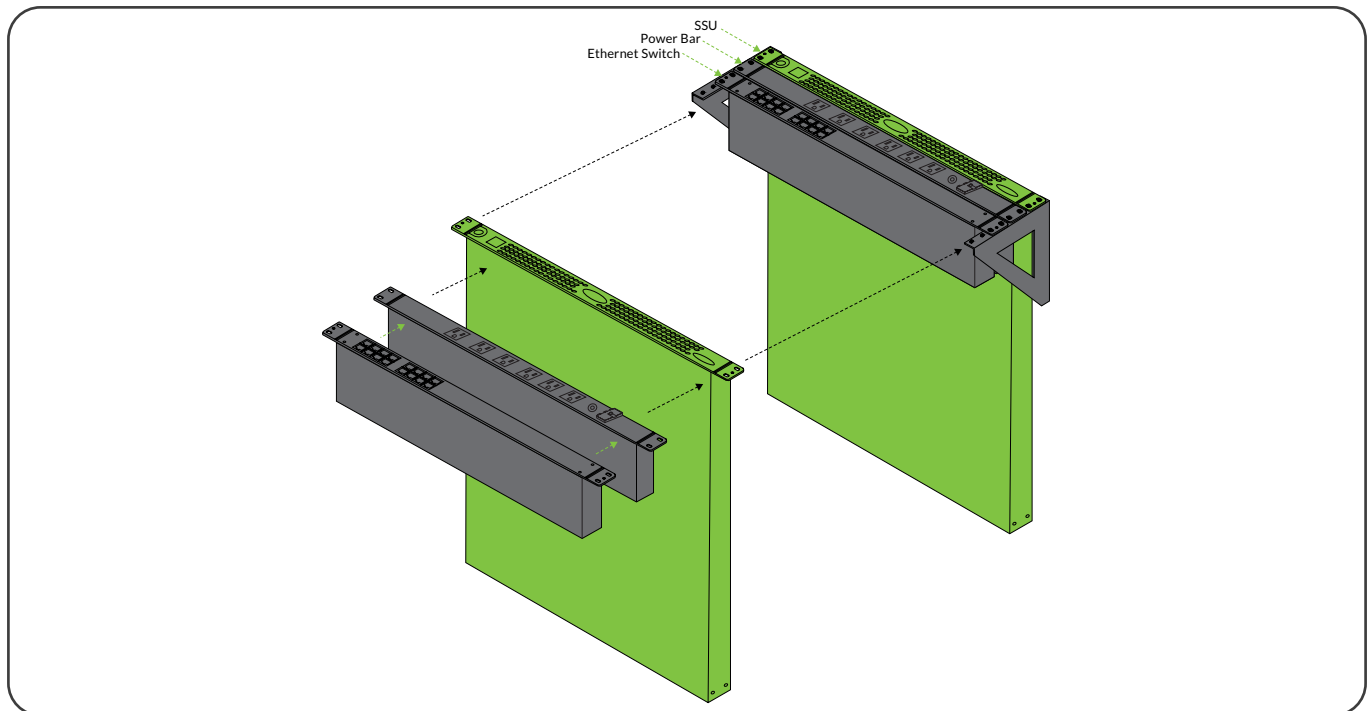


### MOUNTING OPTION

- 1 Install the mounting brackets ~1.03 m (3.37 ft) from the floor. Space the left and right brackets 465 mm (18.3 inches) apart from the top hole centers or 449.5 mm (17.7 inches) from the inside edges.



- 2 The SSU shall be installed in dry, indoor locations ONLY. The SSU shall be installed into a Pollution Degree 2 (or better) environment. The SSU may be installed into a standard 483 mm (19 inches) rack mount.

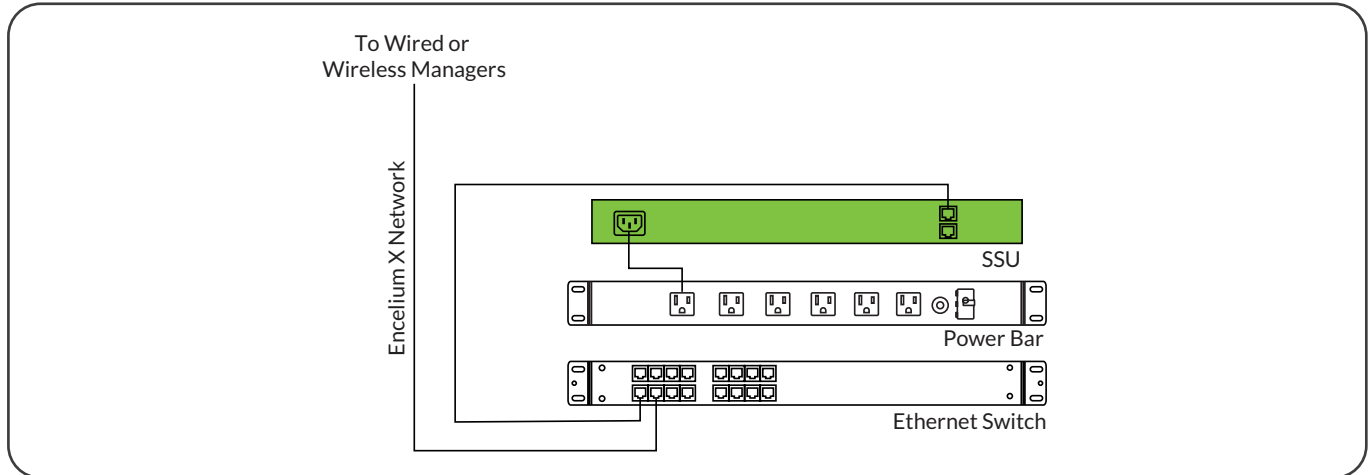


### ELECTRICAL CONNECTIONS

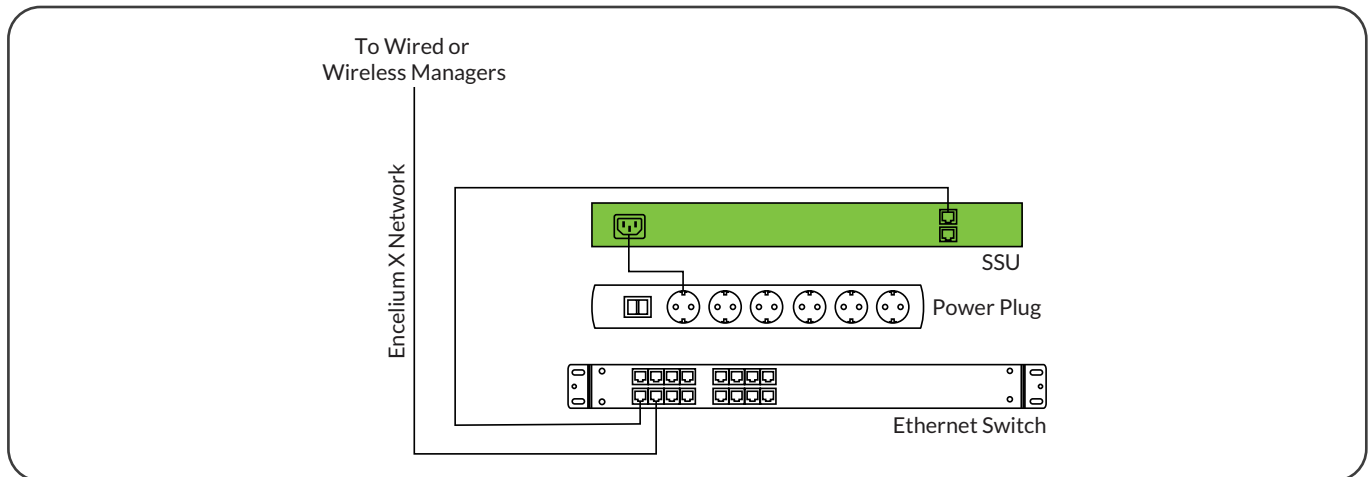
#### SSU Wiring

Encelium X Ethernet connections to Wired or Wireless Managers, SSU, Ethernet Switch, and Tenant LAN.

#### GreenBus



#### DALI



### TROUBLESHOOTING

There are no user-serviceable parts inside. For detailed information about how to set-up, install, use, and maintain Encelium hardware and software, please visit: [help.encelium.com](https://help.encelium.com)

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