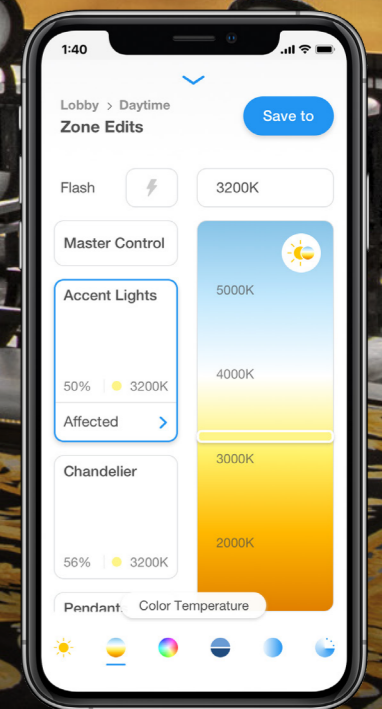
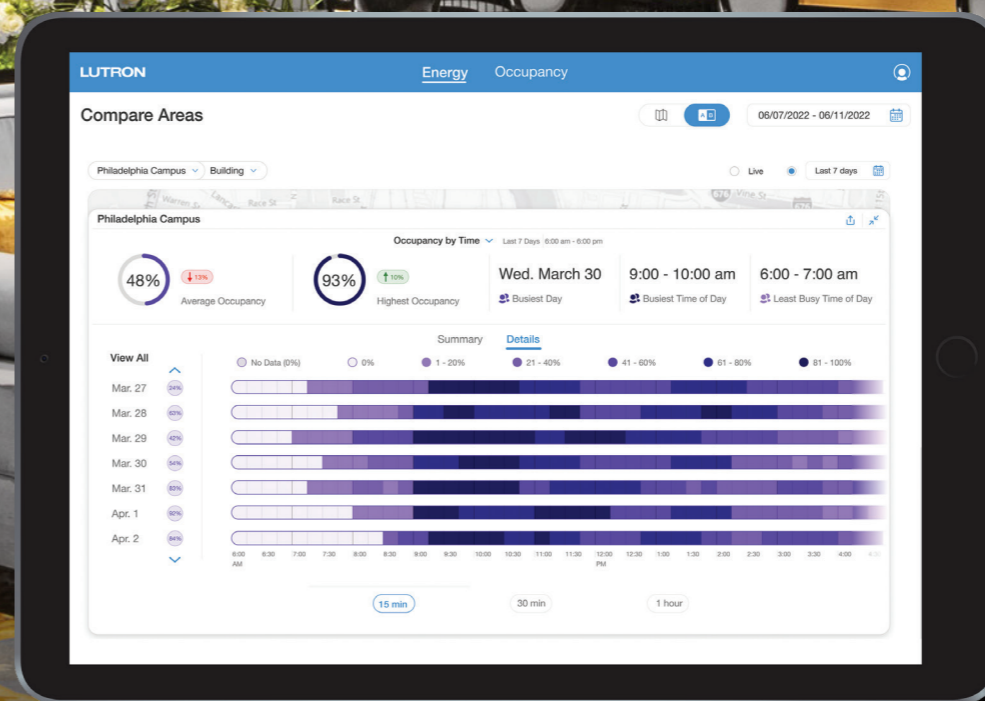


Athena

The dynamic lighting control system for smart buildings and human-centric experiences

- **Flexible, simple, all-in-one solution** to control any light source with intelligent blinds
- Design without compromise — use **any fixture** you like and **all load types** in a single system
- **Cloud connectivity** keeps your system updated, and adds new features and value over time



Athena

From architectural offices and hotels, to galleries and museums, curate lighting scenes that bring your visions to life.

Workplace

Support workplace **well-being** with comfortable, natural light. Stay **flexible** with agile solutions that evolve with changing business needs.



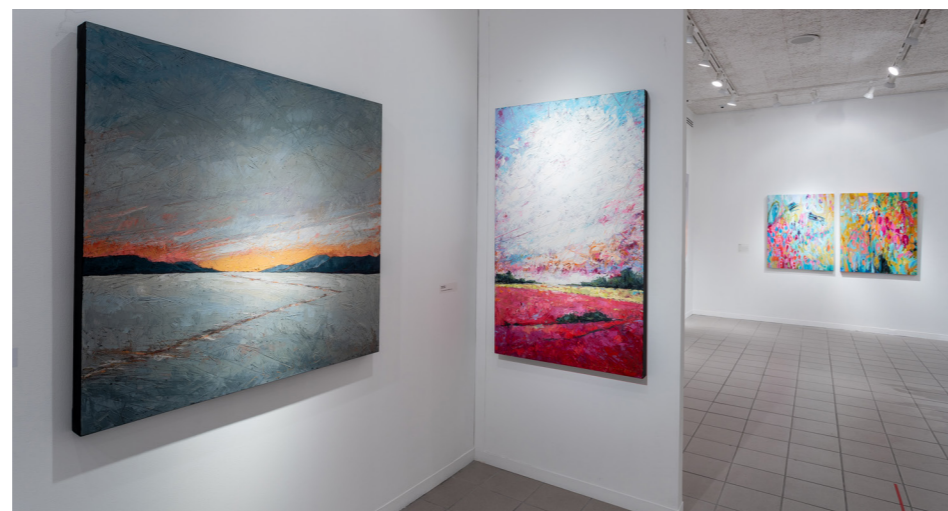
Retail

Show **merchandise in its best light** with dynamic light control of both intensity and colour temperature. Create **visual interest** by utilising the fixture selection of your choice, all controlled by one system.



Galleries and museums

Show art in historically accurate light, or enhance with colour temperature. Easily **change zones and scenes** as exhibits rotate.



Hotels

Create a **luxurious space** where guests want to spend time – and money. With the easy-to-use app, it's **simple for staff** to create memorable experiences on property and quickly adjust lighting for events.



Restaurant

Nurture a mood with deep dimming and dynamic colour temperature. Enhance the **appearance of food** and décor, as menus and seasons change.



Self care

Support an **immersive sensory experience** with dynamic light. **Customisable studios and treatment rooms** for a client, a service, or your brand.

Athena

All-in-one solution with a range of options and aesthetics.

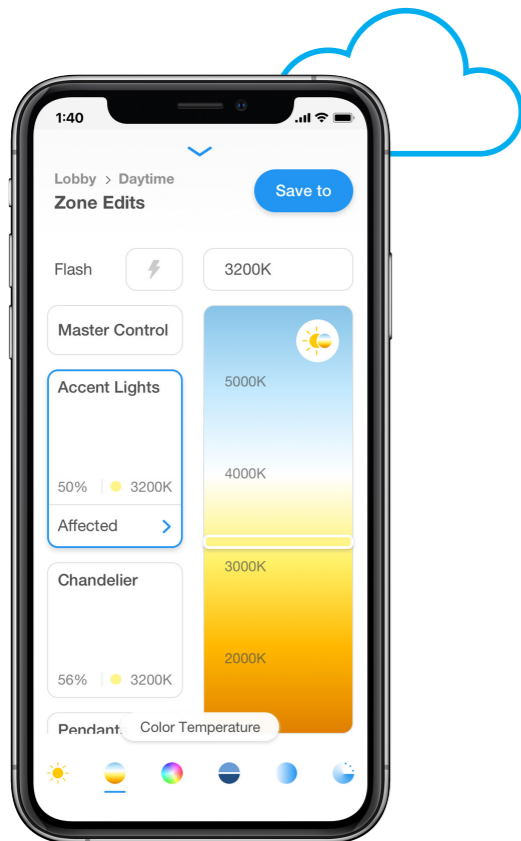
SOFTWARE

Athena dashboard

- Visualise data and take advantage of operational insights with advanced space utilisation, energy reporting, and more

Athena app

- A simple, intuitive mobile app for scene setting, scheduling, and more
- Easily design and refine – precision fine-tuning of colour temperature, intensity, and more
- Quickly change lighting scenes, timeclock events, and blind positions



LIGHTS. BLINDS. CONTROLS.

Range of controls – touchscreen, keypads, personal, and touchless

- Touchscreen, keypads and wireless remotes, flexible sensors, I/O and AV interfaces



Lights and blinds work together seamlessly

- Preserve view, mitigate glare, ultra-quiet operation, hembar alignment, broad fabric selection



BACK OF HOUSE

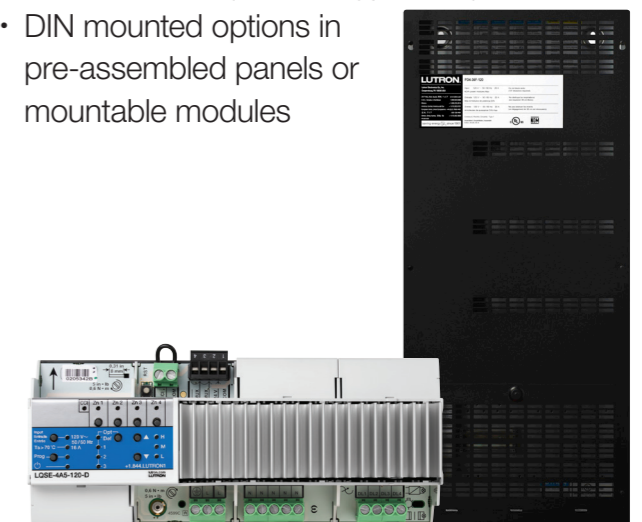
Right-sized hub

- Small and large spaces
- Built for the cloud
- Automatic software upgrades



Any source, fixture, load type, and protocol

- ESN Pro LED+ Phase Adaptive, 0-10V, DALI-2
- Universal DALI (DALI-2, Type-8 Tc)
- DIN mounted options in pre-assembled panels or mountable modules



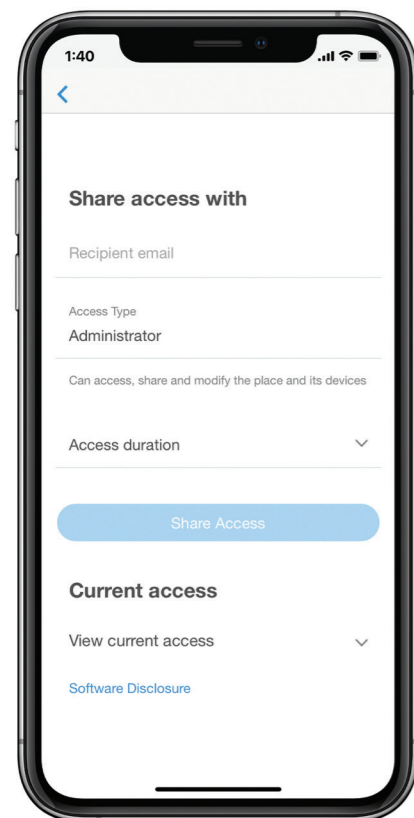
Athena

Sophisticated simplicity in the palm of your hands.

Athena app

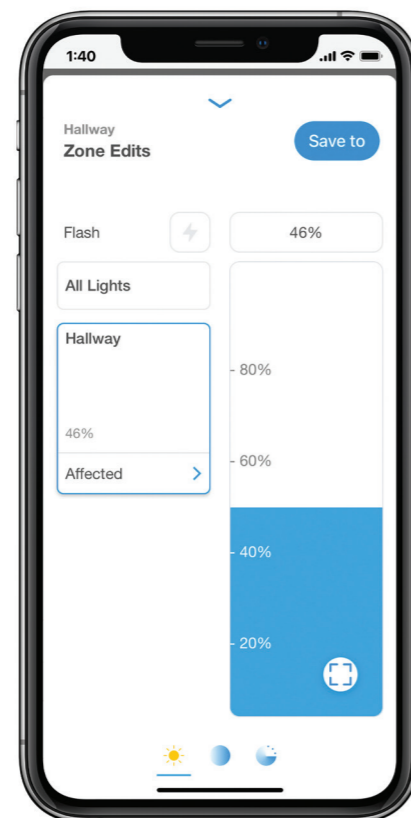
- Change scenes and zones – including dimming and colour temperature – from a simple app
- Complete aim and focus visits on your own, from your phone, as you walk the space
- Adapt your space over time for short-term events and long-term updates
- Available on Apple and Android devices

Manage access



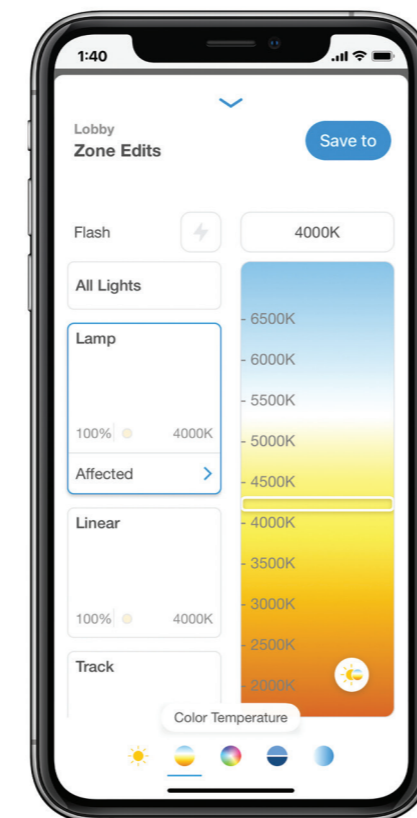
Manage access to define who can change lighting.

Control lighting - dimming



Update the light level with a simple-to-use slider.

Control lighting - colour temperature



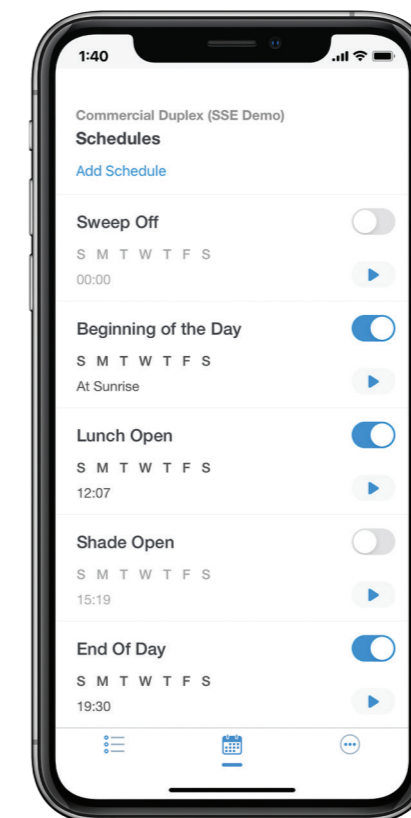
Change the colour temperature of DALI Type 8 Tc fixtures.

Enable load shed



Easily activate load shed to save energy.

Set schedules



Schedule lighting to turn on, off, or dim at certain times on specific days for customisable time ranges.

Edit scenes



As the space changes, adjust the light levels and names of the scenes and zones.

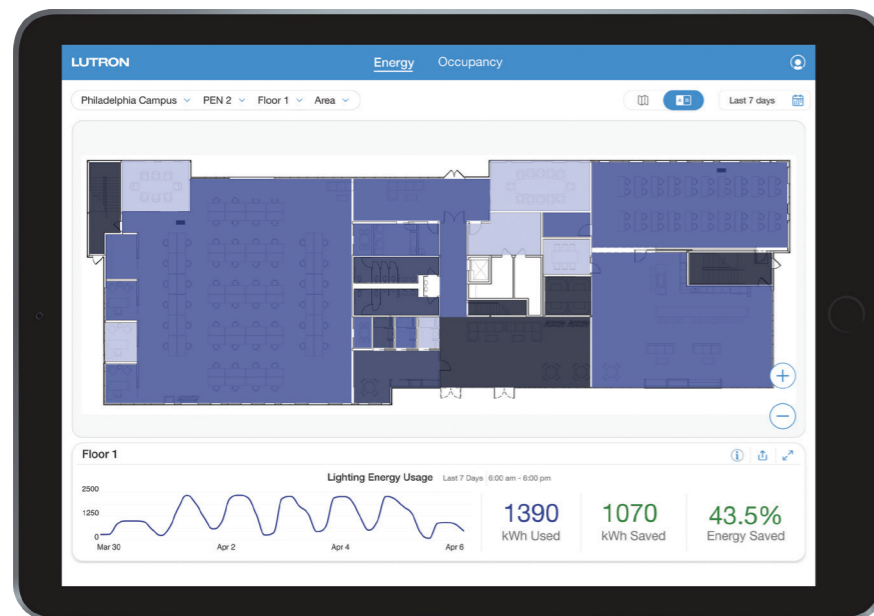
Athena

Manage your system at scale with actionable insights from data in the cloud.

Athena dashboard

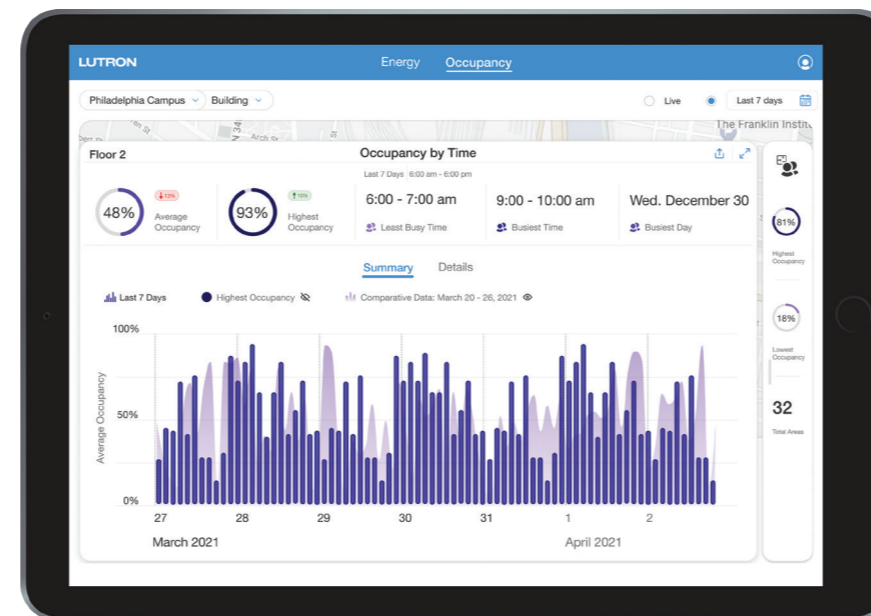
- Review energy usage and space utilisation reports for customisable time ranges
- Monitor multiple buildings, or individual spaces, and everything in between
- Intuitive floor-plan view helps you quickly navigate spaces
- Export data to use for custom reporting
- Available on any major browser

Save energy



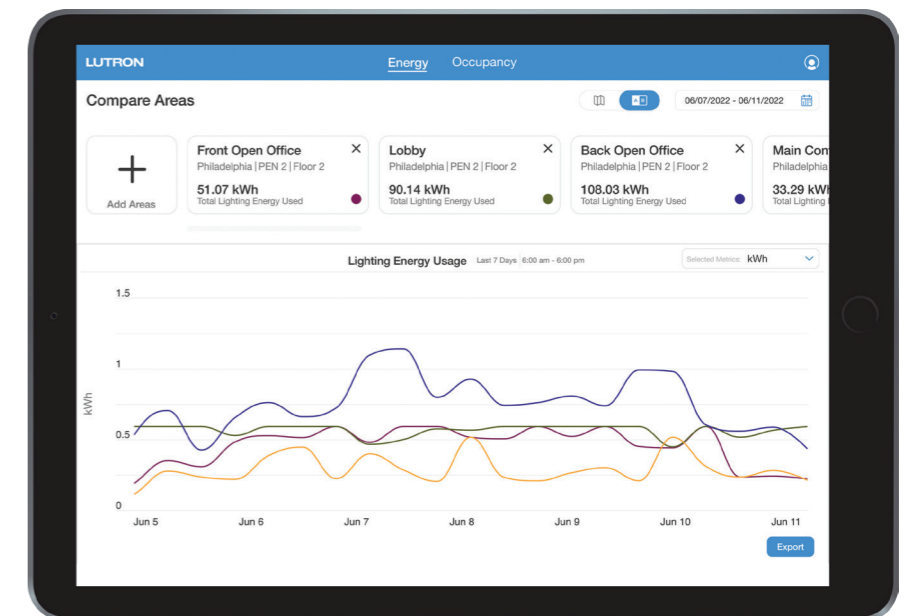
See how much energy spaces are consuming over time to find new opportunities for savings.

Maximise space usage



Manage your real estate and make space-planning decisions with space utilisation reports.

Compare space performance



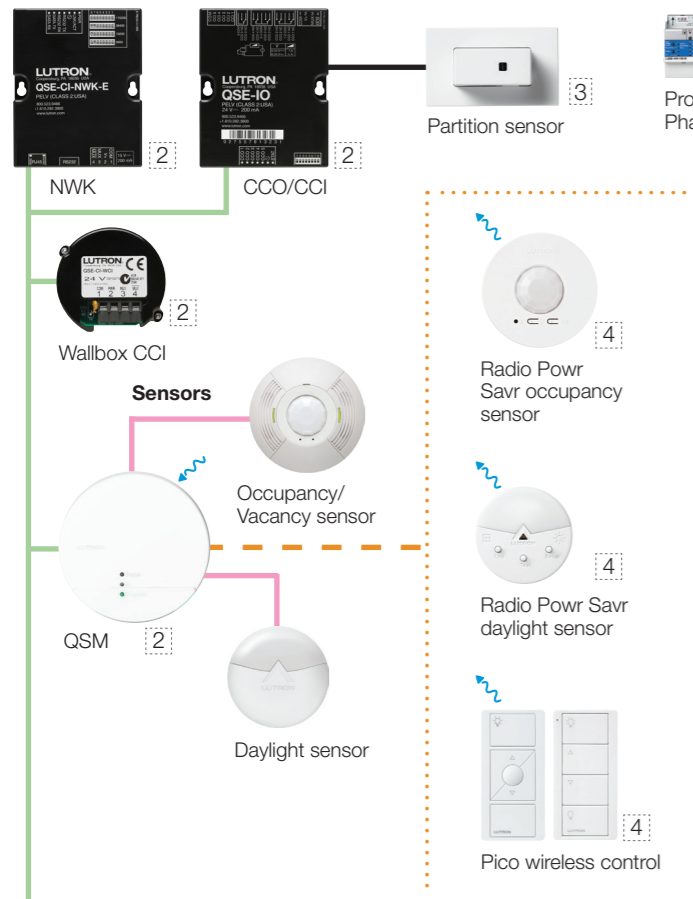
Evaluate energy usage of multiple spaces over time to see how they perform comparatively.

Athena System architecture

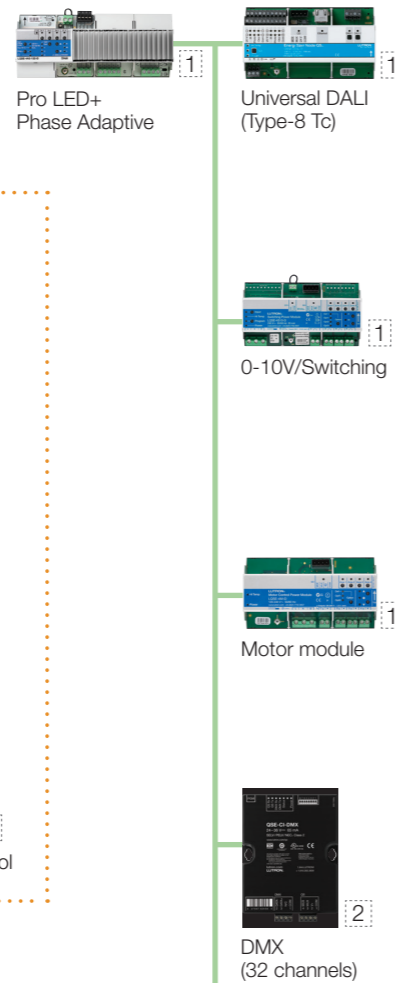
QS wired link

- **QP5-2L and QP5-4L:** 99 QS devices per link
512 switchlegs* per link
- **QP6-1L and QP5-1L:** 25 QS devices per link
256 switchlegs* per link
- 610 m maximum wire length (consult technical specs for other applicable rules)
- Free-wire topology (star, daisy chain, home run, etc.)
- Standard Lutron 4 conductor cable†

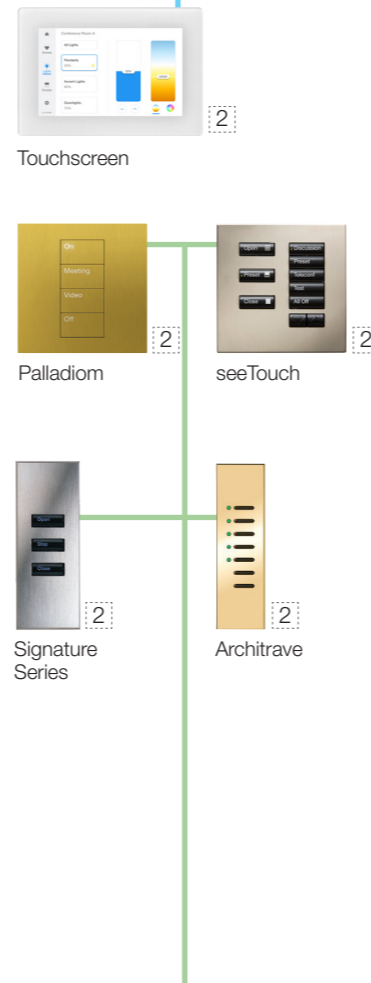
Interfaces - AV & contact closure



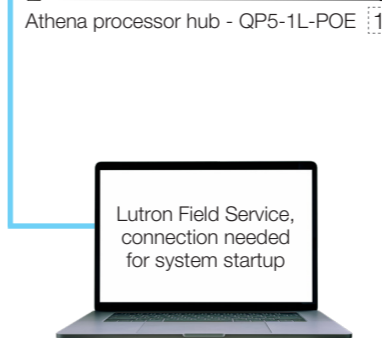
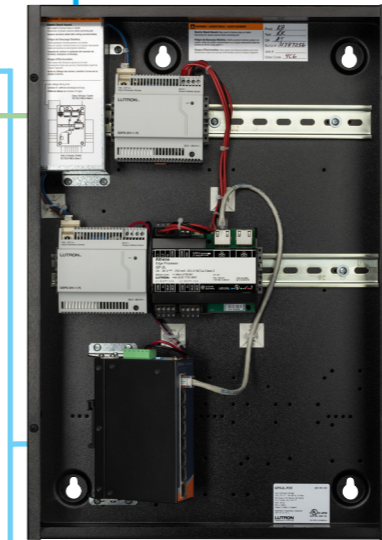
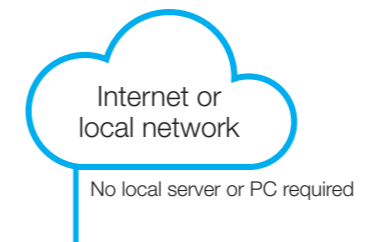
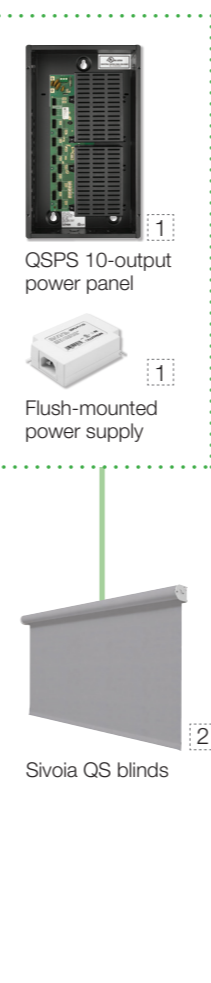
Distributed load control



Keypads

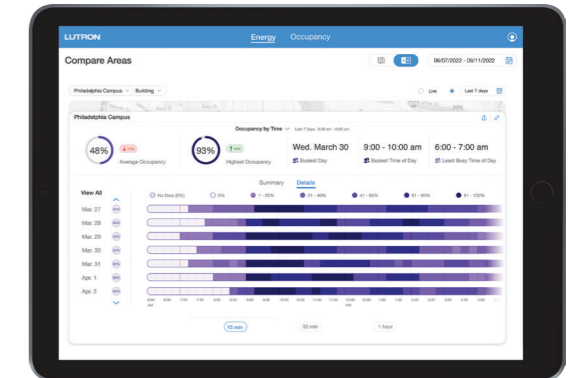


Blinds

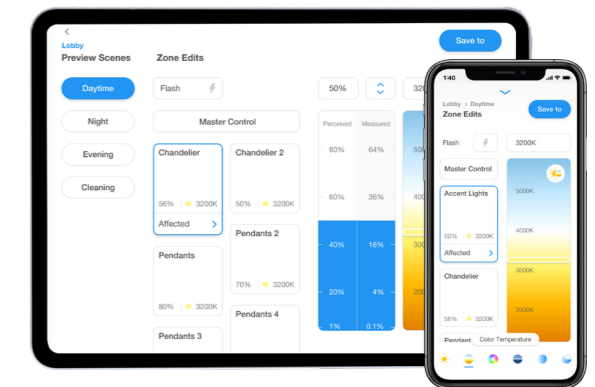


Software

Athena Dashboard



Lutron App



Athena Dashboard and Lutron App communicate with the Athena processor hub via the cloud

Athena system capacities

- 16 Athena Edge processors (max per database)
- 320 Athena Edge processors (max per building)

* A switchleg is the smallest controllable point on any product - a single CCO, a zone of 0-10V, or a single DALI address for a fixture.

Wiring

- QS wired link***
- QSM Wired Sensor link**
- Clear Connect link**
- System Ethernet link**
Ethernet connection between processors gateways required for system startup and function

†Pin-out: pin 1 - common, pin 2 - VDC, pin 3 - MUX, pin 4 - MUX

QS-CBL-LSZH (runs up to 153 m) one pair: 1.0 mm², one pair: 0.5 mm² twisted/shielded

GRX-CBL-346S-500 (runs up to 153 m) one pair: 1.0 mm², one pair: 0.5 mm² twisted/shielded

GRX-CBL-46L (runs up to 610 m) one pair: 4.0 mm², one pair: 0.5 mm² twisted shielded

RS 485, 24 - 35VDC powered

The wire gauge required for blind power conductors is dependent on blind size and number, wire run length, and power supply type being used. Consult technical specifications of blind equipment for details.

Power

- 1 220-240VAC
- 2 Low voltage 24-35 VDC
- 3 Plug-in transformer
- 4 Battery powered

