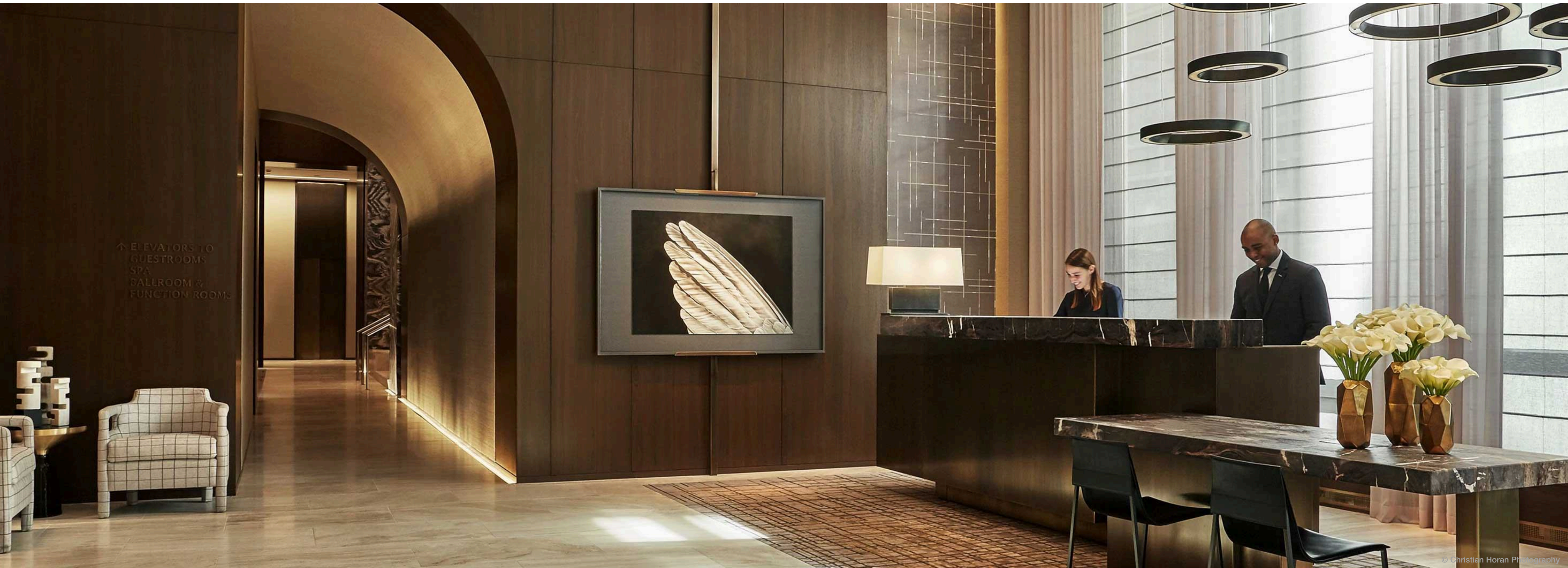# Lutron Hospitality Solution

Operational excellence. Refined experience. Engineered for what's next.

LUTRON

Lutron Hospitality Solution

With a touch of elegance, Lutron solutions elevate the luxury hotel experience and prioritize personalized comfort in guest rooms. The cloud-connected Lutron hospitality solution streamlines property management by integrating the entire property – guest rooms, public and amenity spaces, and private residences – under a single platform.

A Unified Experience

Different areas of a property have unique control needs. The Lutron hospitality solution supports these varied requirements under a single, unified platform to streamline property management.

Residences

The HomeWorks and RadioRA 3* systems introduce uncompromising design to next-level home integrations.
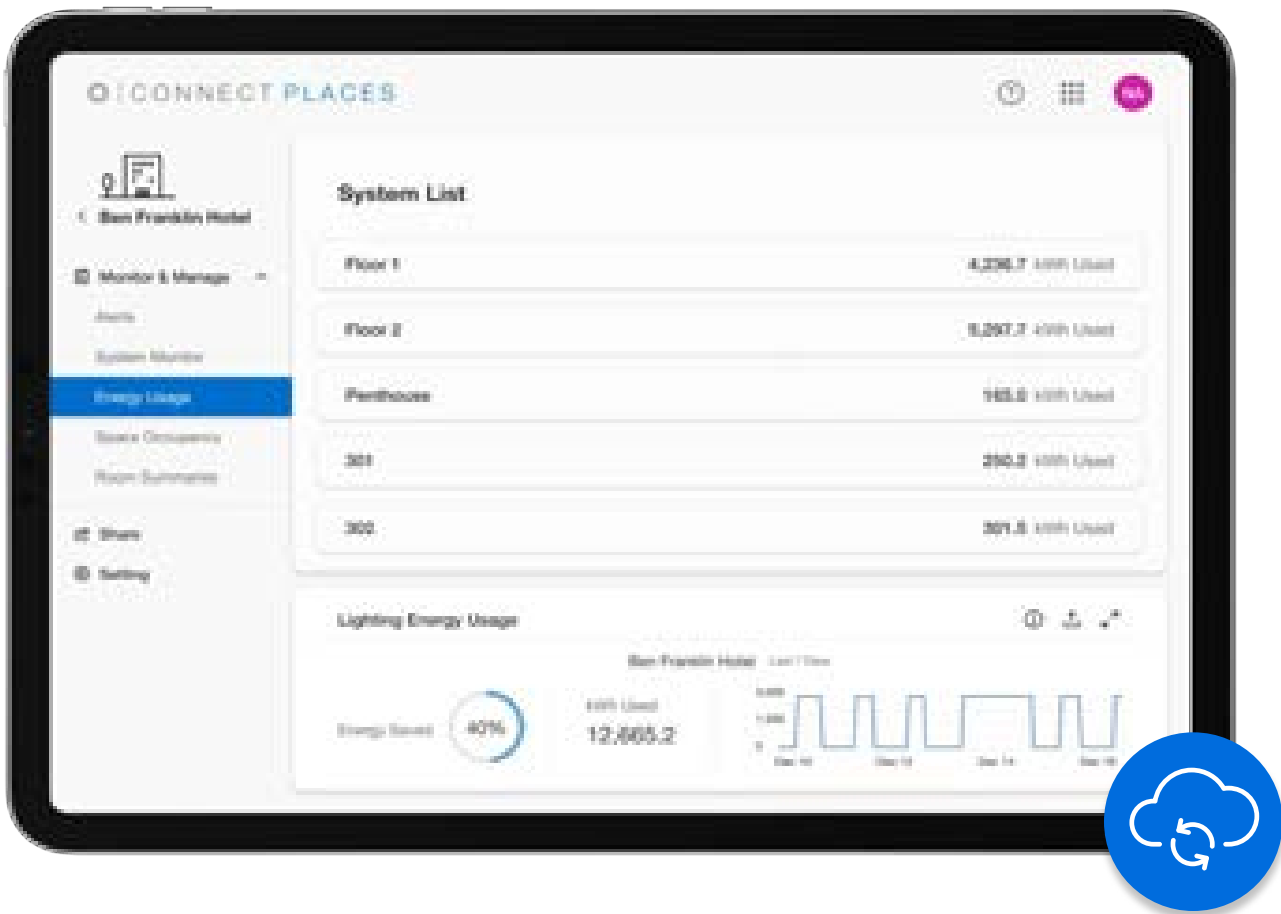
Guest Rooms

The myRoom XC system makes world-class guest room experiences second nature.

Public Spaces

The Athena system delivers stand-out spaces that attract guests in lobbies, restaurants, event venues, ballrooms, and other public spaces.

Lutron Dashboard

A single dashboard for the entire property—cloud-connected and accessible from anywhere with a single log-in.

Courtesy of The Ritz-Carlton, Mexico City

*RadioRA 3 system only available in North America and the UK

A Comprehensive Solution

Integrated control allows brands to achieve their design vision throughout a single property or across their global portfolio.

Guest Rooms & Private Residences

Six Senses Crans-Montana
Crans-Montana, Switzerland

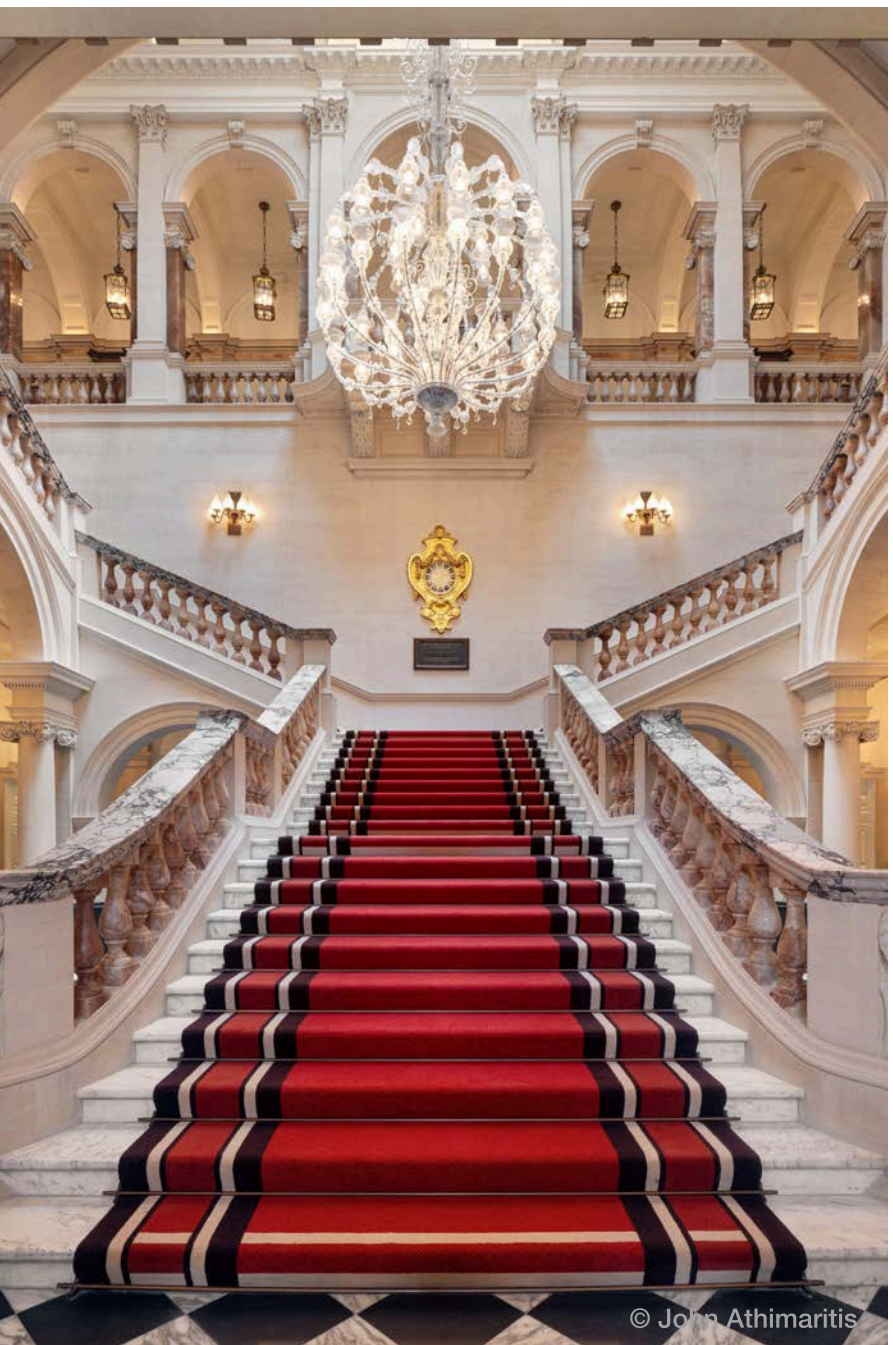## Restaurants, Ballrooms, & Event Spaces

Coterie Hudson Yards
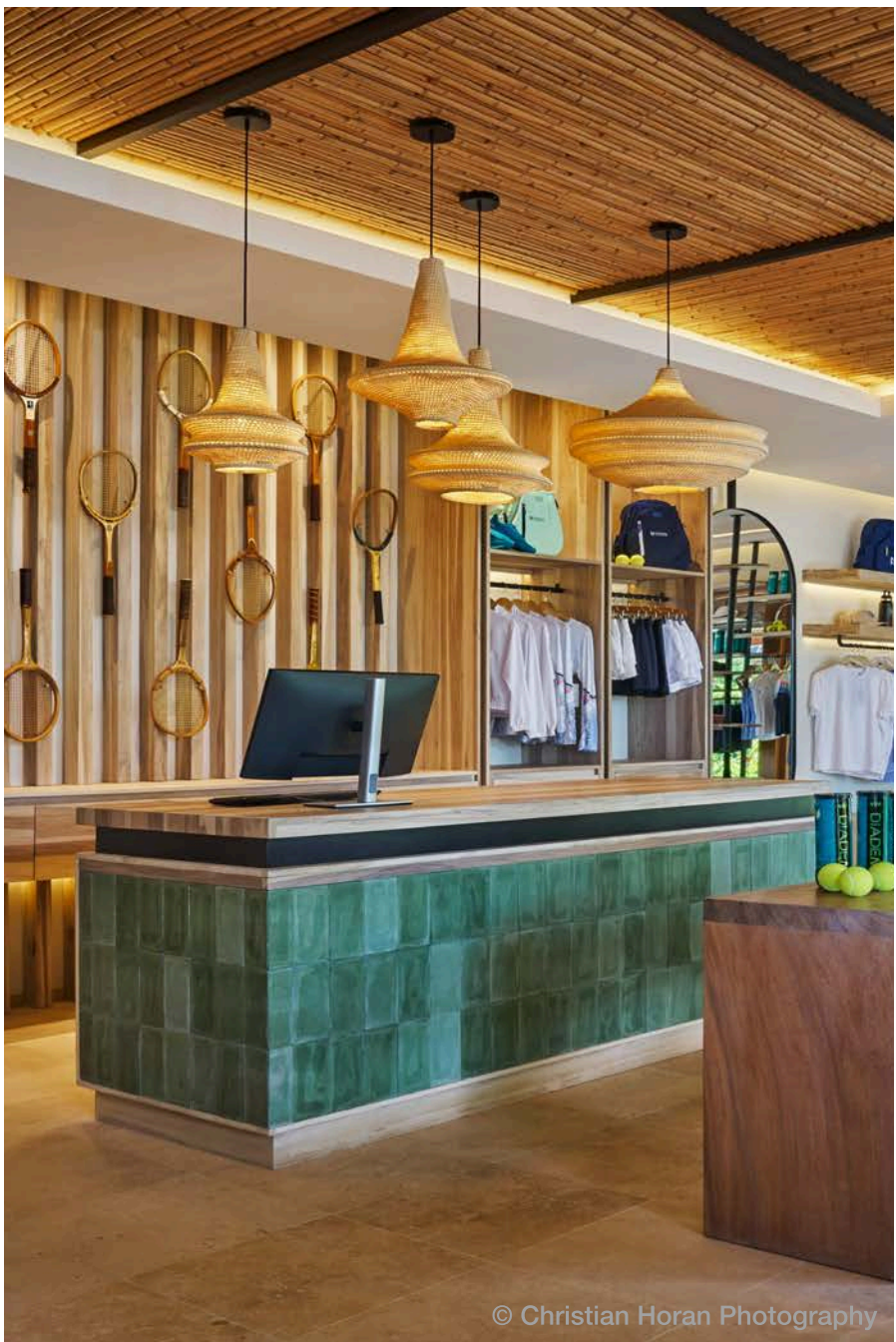New York, NY

Spa & Fitness Centers

Raffles London at The OWO
London, UK

Lobby & Amenity Spaces

Raffles London at The OWO
London, UK

Retail & Entertainment Spaces

Confidential Luxury Client
Costa Rica

Curated Experiences

Lutron intelligent lighting pairs with our most advanced control systems to mimic the character of natural light, offering a broad range of color temperature, saturation, and intensity. It's a difference you can feel.

Dynamic, day-synced environments

Set up automated cycles to sync Lutron's intelligent lighting and automated window treatments with the rhythms of daylight, or tailor settings to each guest's preferences using intuitive Lutron keypads.

A mood for every moment

Invite guests to dial in their ideal environment for sleep, relaxation, or focus. Activate ultra-customizable scenes at the press of a button, with control of color tuning, deep dimming down to 0.1%, and individual zone control.

Lutron's wireless lighting fixtures and DALI control enable tunable white lighting. Wireless lighting technology is region dependent.

Wireless Communication

Wireless fixtures, keypads, and processors empower hotels to easily define and redefine their visual identity and guest experience.

Flexible design

Craft distinctive guest environments down to each lighting fixture. Reimagine lighting and zoning plans with simple programming changes and no additional cost or construction.

## Ease of installation

© Christian Horan Photography

In renovations and new construction, wireless technology simplifies installation, saves time, and conserves electrical closet space by eliminating control wiring.

Achieve zoning flexibility, save space in closets, and reduce control wiring through wireless fixtures or DALI controls.

A Suite of Wireless Tools

Sunnata & Vierti Keypads
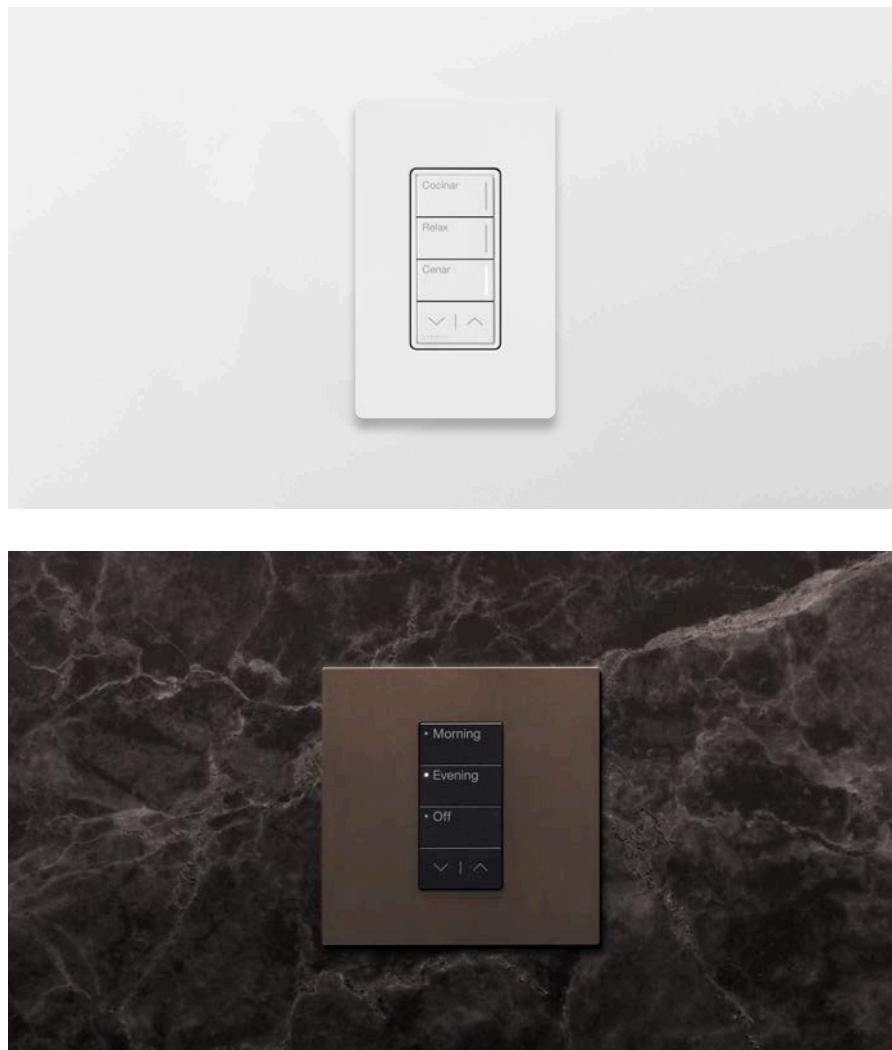
Dimmers and hybrid keypads eliminate bulky dimming panels from the closet and control wiring from the walls.

Wireless Node Fixture Control
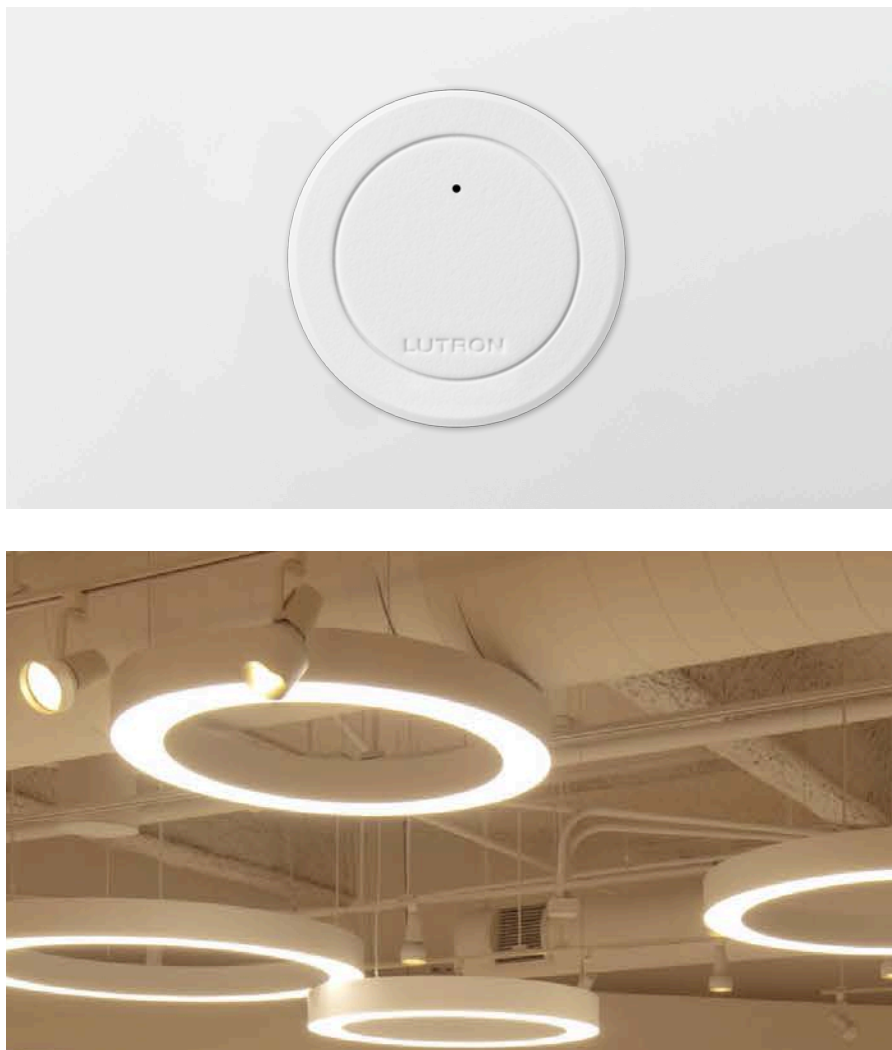
Wirelessly integrate Lutron controls directly into light fixtures made by third-party manufacturers.

Lumaris Tape Light

Easily hide tunable white + RGB accent lighting in the millwork, headboards, or under-cabinet spaces.

Ketra Lamps

Replace the bulbs in any decorative lamp for a wireless connection—no control wires or non-standard receptacles needed.

Ketra & Rania Downlights

Deliver exacting control, precision-aiming, and unmatched quality of light in a range of apertures.

Wireless keypad and lighting technology is region dependent.

Contact your Lutron sales representative for up-to-date availability.

Simplified, Centralized Control

Cloud-connected software eliminates the need for server space, accelerates decision making, and fosters an elevated client experience. The future-proof platform supports both remote and automated updates, ensuring your system is always current.

Lutron Dashboard

Streamlines building management at scale
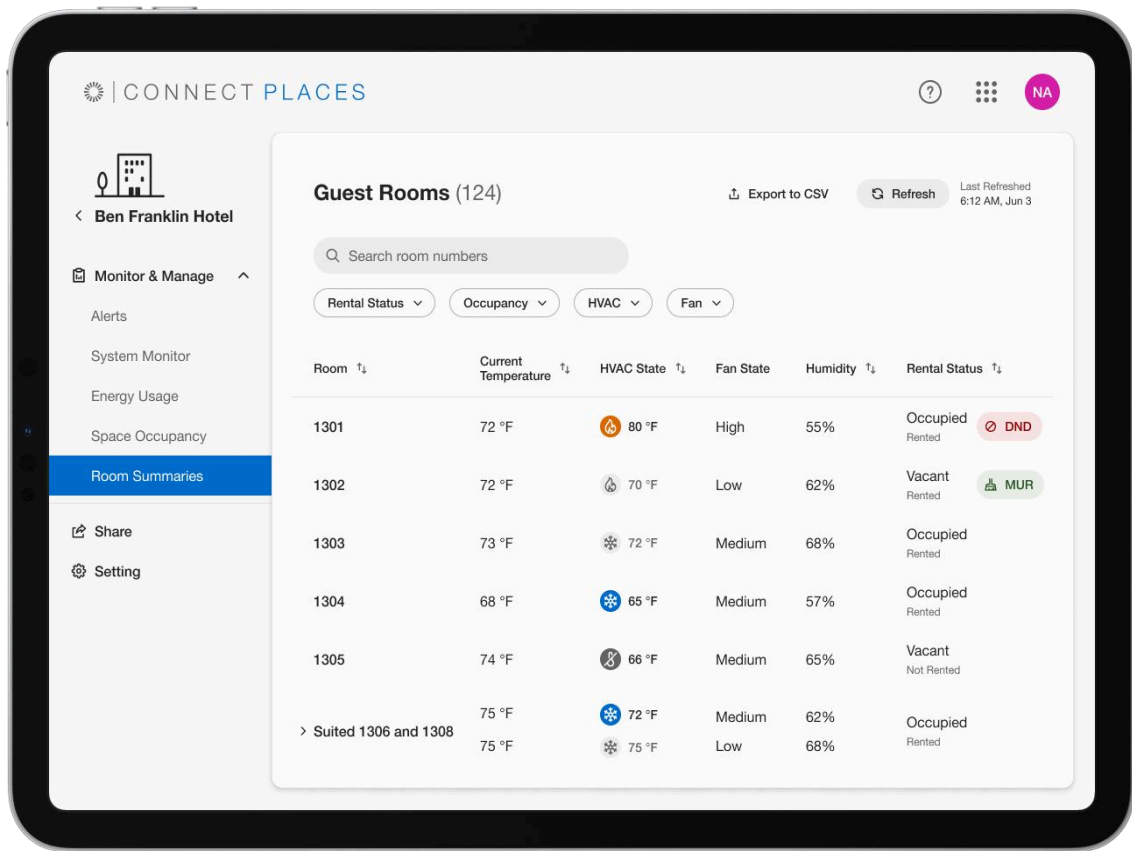
Powerful analytical software visualizes complex data in customer-friendly reports and provides control of the whole property.

Lutron App

Real-time, on-the-go control
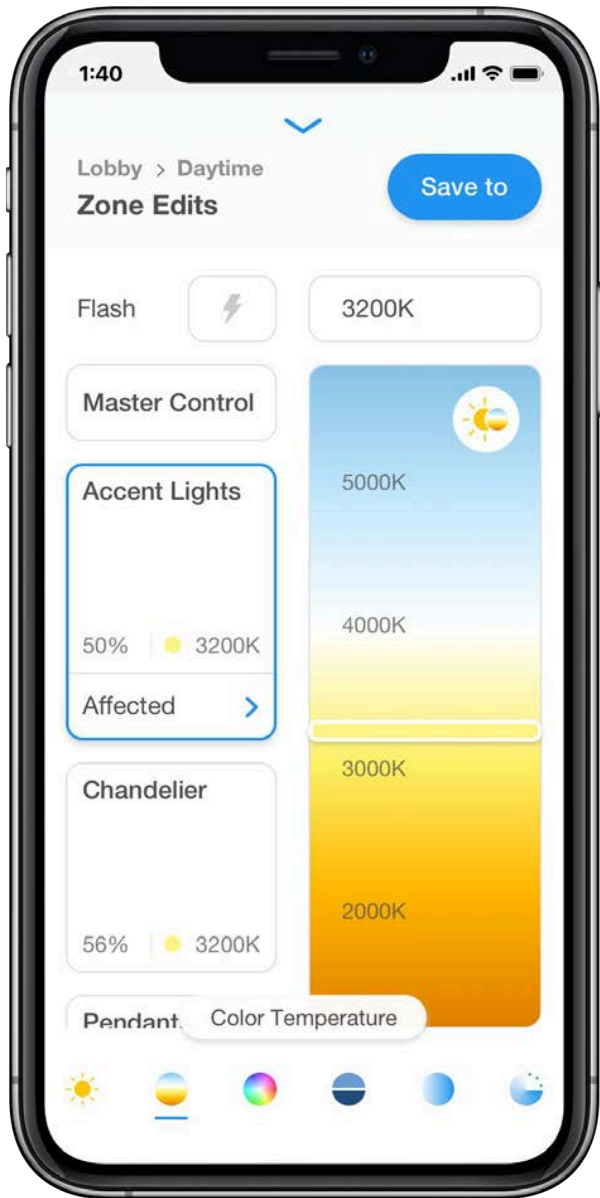
Intuitive lighting design and mobile control for public spaces.

System Integrations

Smart connectivity to leading products and platforms

Responsive, reliable, and secure third-party integrations.

Lutron Dashboard

Turn cloud-collected data into actionable insights. Manage your entire property at scale.

Save Energy
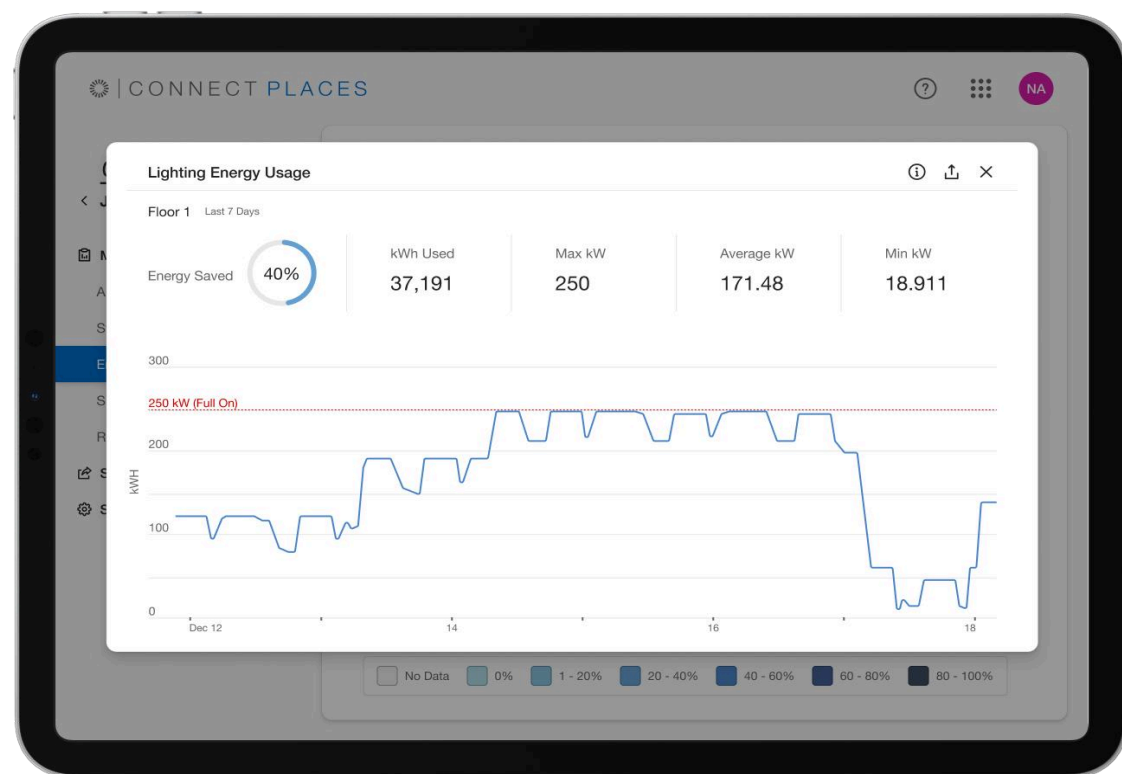
Access energy-use data by building, floor, and room to enhance energy efficiency.

Optimize Space Use
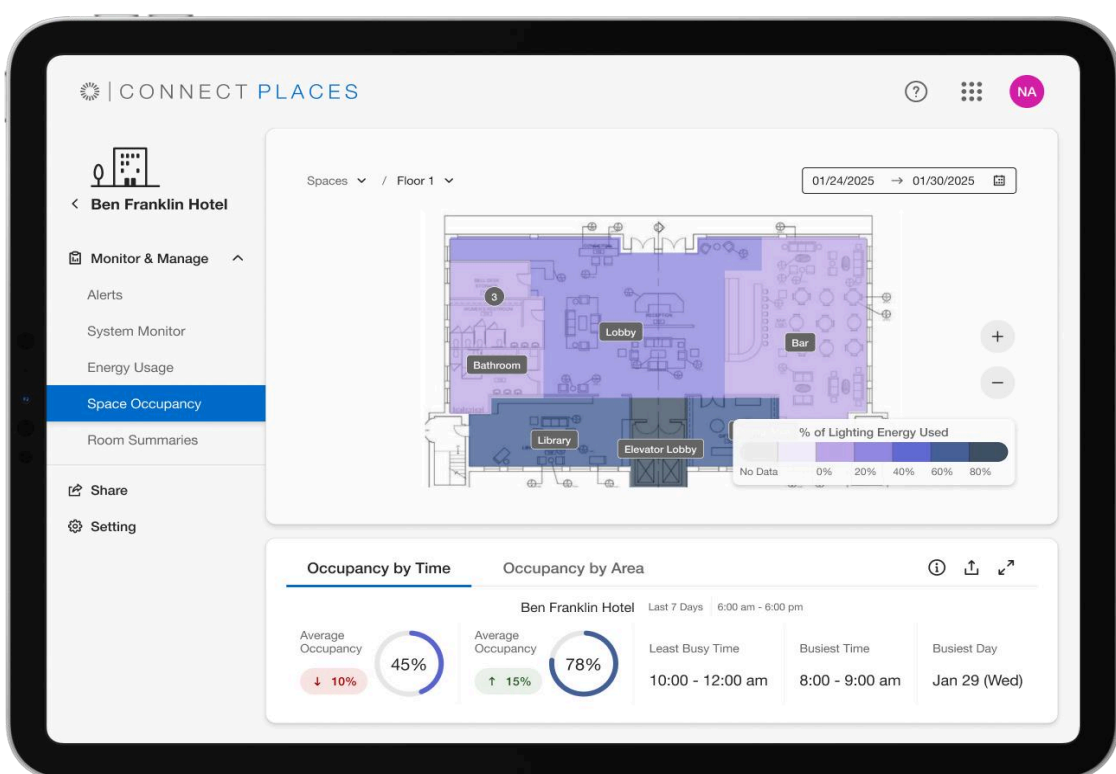
Compare room-performance trends to make strategic real-estate and space-use decisions in public and amenity spaces.

Track Alerts
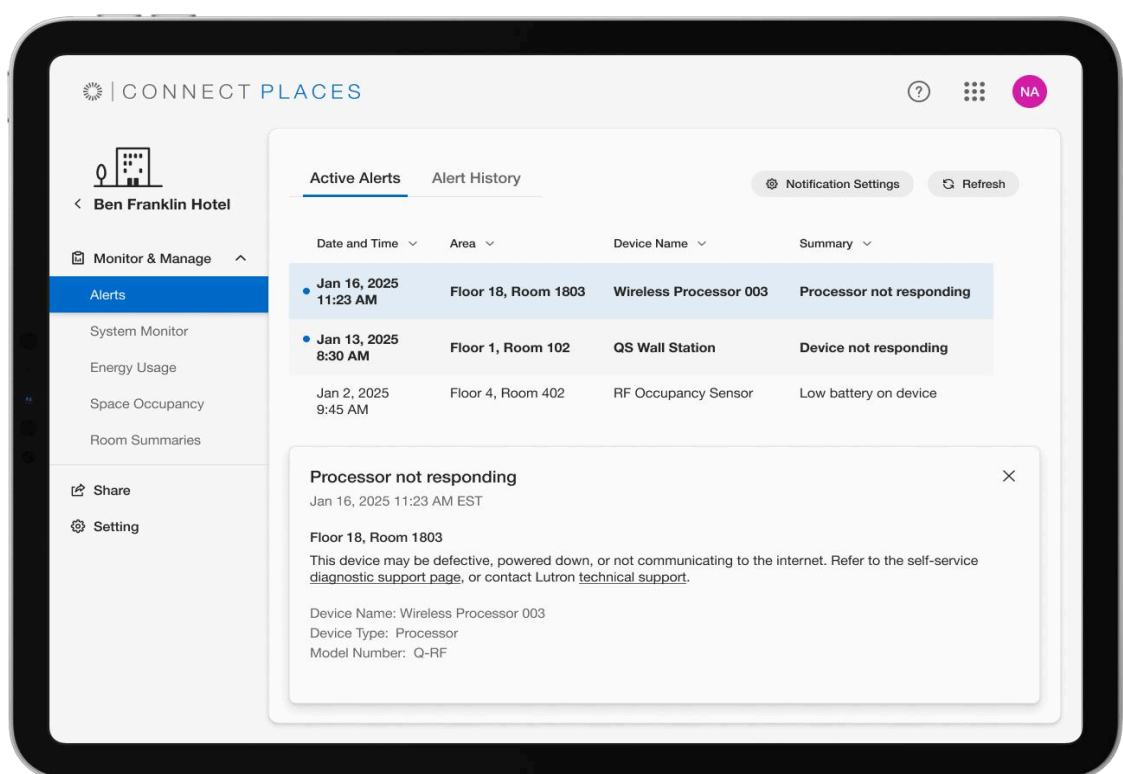
Maximize uptime—system alerts and notifications help you anticipate and quickly troubleshoot issues.

Room Status
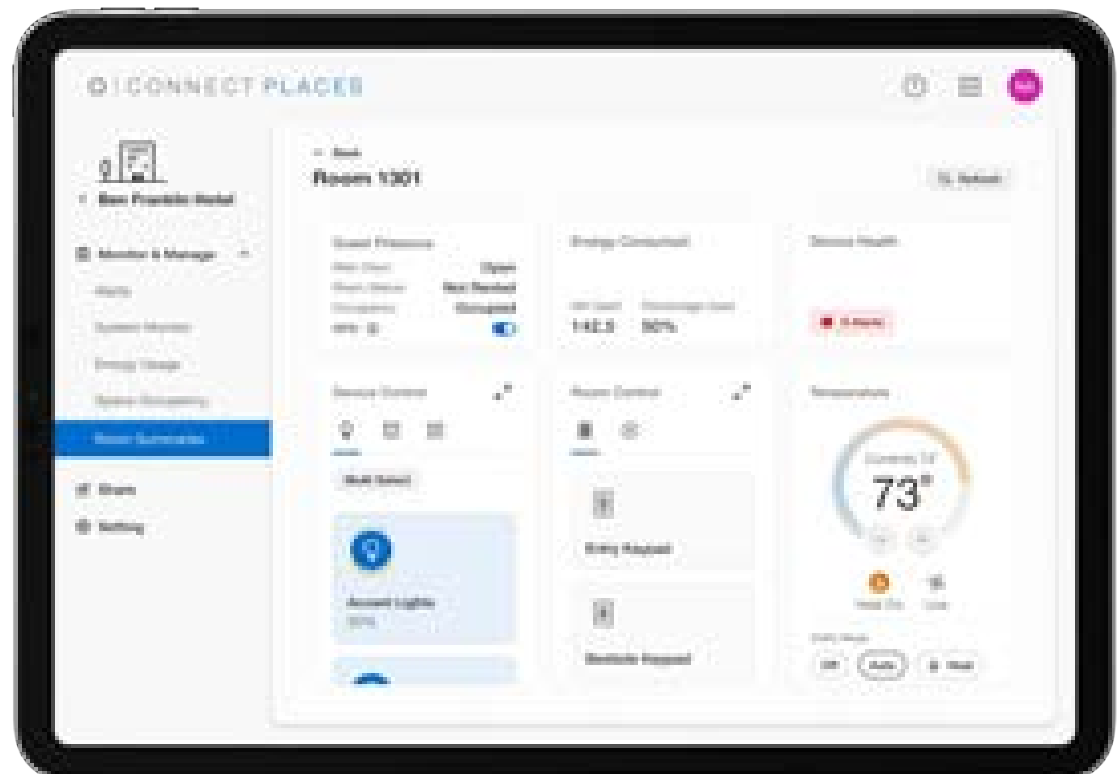
View the status of every guest room in your portfolio and remotely control lights, shades, and temperature from the dashboard.

Lutron App

Create sophisticated lighting experiences with the touch of a button with Athena.
Program lighting in real time, any time, from anywhere.

Customize Programming
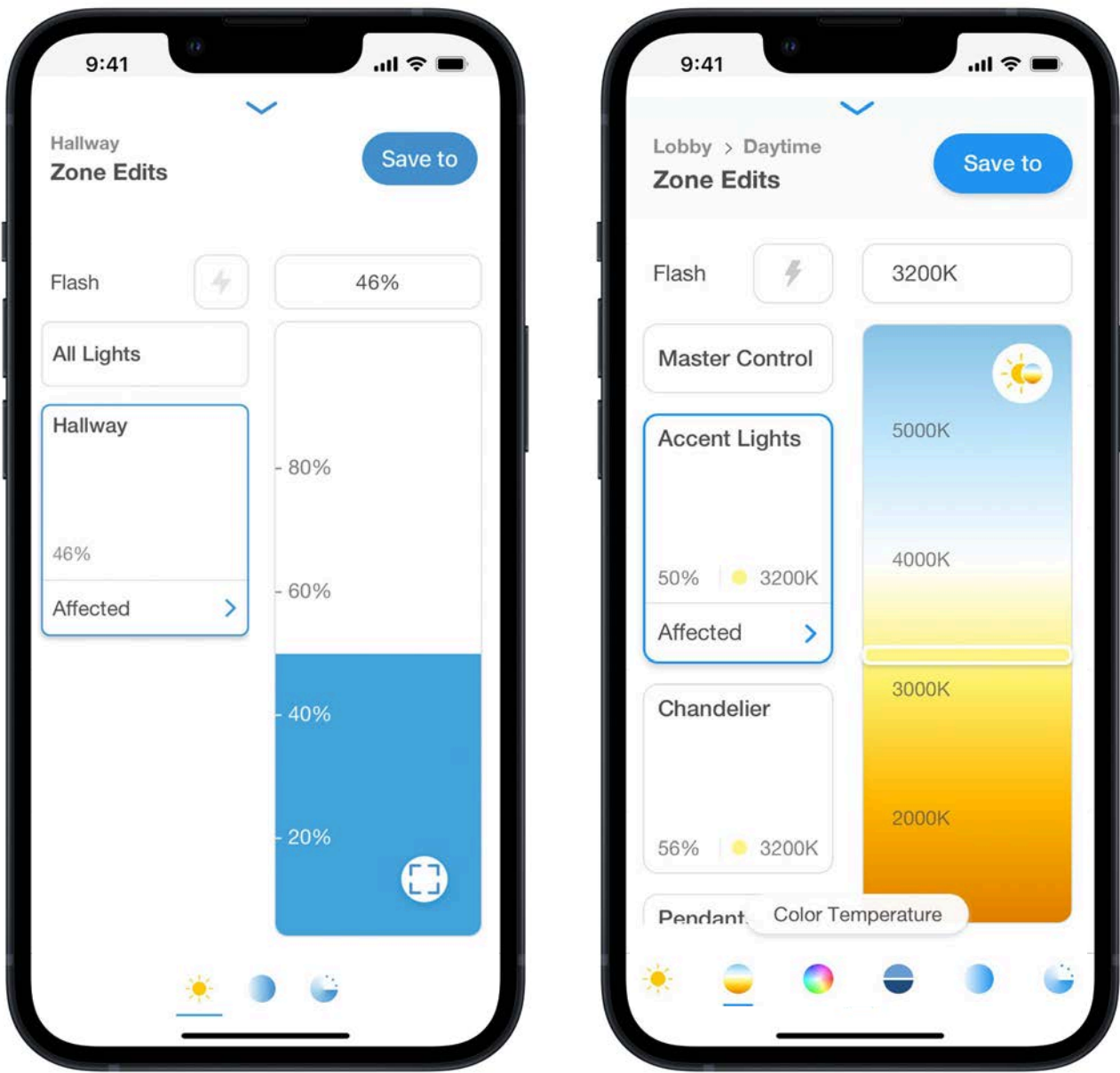
Promote your ability to customize lighting levels, color temperature, and saturated color for extraordinary, personalized events.

Manage Lighting Operations
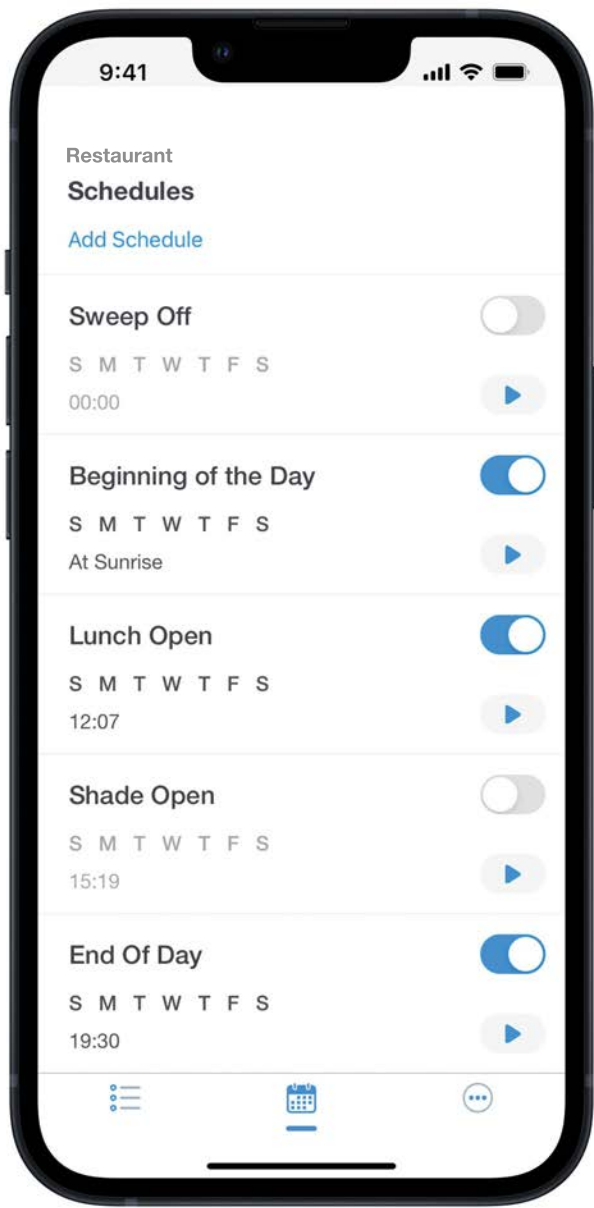
App-based control ensures property managers can focus on lighting scenes and schedules, and helps your staff stay focused on the guest experience.

Simplify Setup

Programming is intuitive and limited only by your imagination. Easily fine-tune, edit, and save lighting scenes.

System Integrations

Locks, climate control, and property management systems combine to simplify control across your portfolio. That's what makes a smart hotel truly intelligent.

Central Electronic Locking Systems (CELS)

dormakaba   SALTO   ASSA ABLOY

Hotel Operations

actabl   AMADEUS

Property Management Systems (PMS)

htng AHLA   ORACLE   infor   protel   OnQ   PeP

In-room tablets/Apps

INTELITY   digivalet   OKKAMI   IRIS   runtriz powered by flybuy

HVAC

MITSUBISHI ELECTRIC   LG Electronics   DAIKIN

Building Management Systems

ASHRAE BACnet
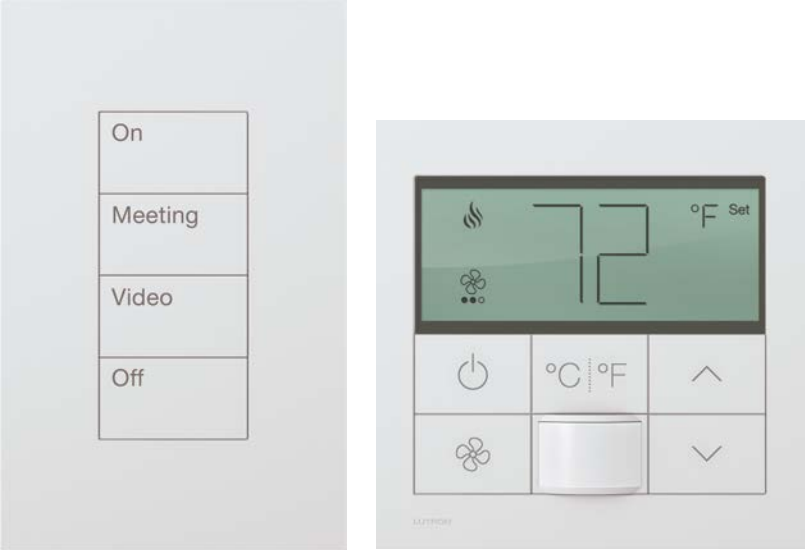
© Jennifer Hughes

Keypad Overview

Palladiom

Custom backlit engravings, elegant design, and a variety of materials ensure the right finish for your project.

Vierti

Ergonomic Vierti wireless and Sunnata hybrid controls are ideal for retrofits and new construction.*

Sunnata

seeTouch

Customizable keypad with raised, easy-to-use buttons.

Pico

Flexible, intuitive, wireless controls.

	Palladiom	Vierti	Sunnata	seeTouch	Pico
Configurations	Up to 4-button or 3-button with R/L, thermostat	Up to 4-button or 3-button with R/L, hybrid dimmer, hybrid switch	Up to 4-button or 3-button with R/L, hybrid dimmer	Up to 7-button or 5-button with R/L	Up to 4-button or 3-button with R/L
Power	Low Voltage	240V	120V	Low Voltage	Battery
Communication	QS	Wireless	Wireless	QS	Wireless
Colors	22	9	24	27	8
Finishes	Metal, Glass, Polymer	Metal (faceplates), Polymer	Polymer	Polymer	Polymer

*Sunnata available in 120V regions (North America). Vierti available in select 240V regions with expanding availability.

Whole Hotel System Diagram

Typical Residences Floor

HomeWorks

Lighting	Load Control	Shades	Controls	Temperature	Processor

Typical Guest Room Floors

Second Floor – Guest Rooms

myRoom XC

Lighting	Load Control	Shades	Temperature	Controls	Processor

First Floor–Lobby

Athena

Lighting	Load Control	Shades	Controls	Processor Panel

IDF Switch 55

IDF Switch #

IDF Switch 2

Remote Support

Lutron Connect
(Cloud Connected)

Firewall

CORE Switch

Integration Appliance

Third-party building integrations
(PMS, SMS, CELS)

Lutron Dashboard

Lutron App

myRoom XC

myRoom XC delivers guest room control for the next generation of Lutron hospitality.
Lights, shades, and climate control are combined in one intuitive, cloud-connected system.

myRoom XC Architecture Diagram

QS Wired link

- Vierti — 2 (A)
- Sunnata — 1 (A)
- Fan Coil Unit Controller (SMC) — 3
- Pico Privacy Control — 3
- Palladiom Thermostat — 3
- Pico Wireless Control — 4
- Radio Powr Savr Wireless Occupancy Sensor — 4
- Palladiom — 3
- seeTouch — 3
- Dimming/Switching, DALI, or 0-10V Modules — 1
- QS Wired Window Drapery — 3
- QS Wired Window Roller Shades — 3
- Power Supply — 1
- Wallbox CCI — 3
- Wired Occupancy Sensor — 3
- QSM — 3
- QSE-IO — 3

Wireless Processor — 5

myRoom Integration Appliance — 3

BACnet/IP and API Integration
ASHRAE BACnet™

IDF Switch

myRoom XC Guest Room Processor — 3

Software

Lutron Dashboard

Lutron Designer
Connection needed for system startup and for optional facility management functionality

Lighting Fixtures

Lutron Lighting

Luminaires
- Ketra & Rania Downlights — 1 (C)

Lamps
- Ketra Lamps — 1 (C)

Linears
- Ketra Linears — 1 (C)

Tape Light
- Lumaris — Tunable White + RGB Tape Light — 1 (B)

Third-Party Fixtures

Athena Wireless Node — 3 (B)
- Linear
- Downlight
- Troffer
- Track
- Pendant

Guestroom Processor

- Processor link — 2 RJ-45 Ethernet ports
- 1 or 2 links per processor (RS-485) — QS wired link
- 24 VDC powered
- If using the MQSPS-DH-1-30 Power Supply in an LV16 Low-Voltage Enclosure, use the mounting bracket MQSPS-BRK.
- Mounts in low-voltage enclosures
- Each processor requires its own unique IP address
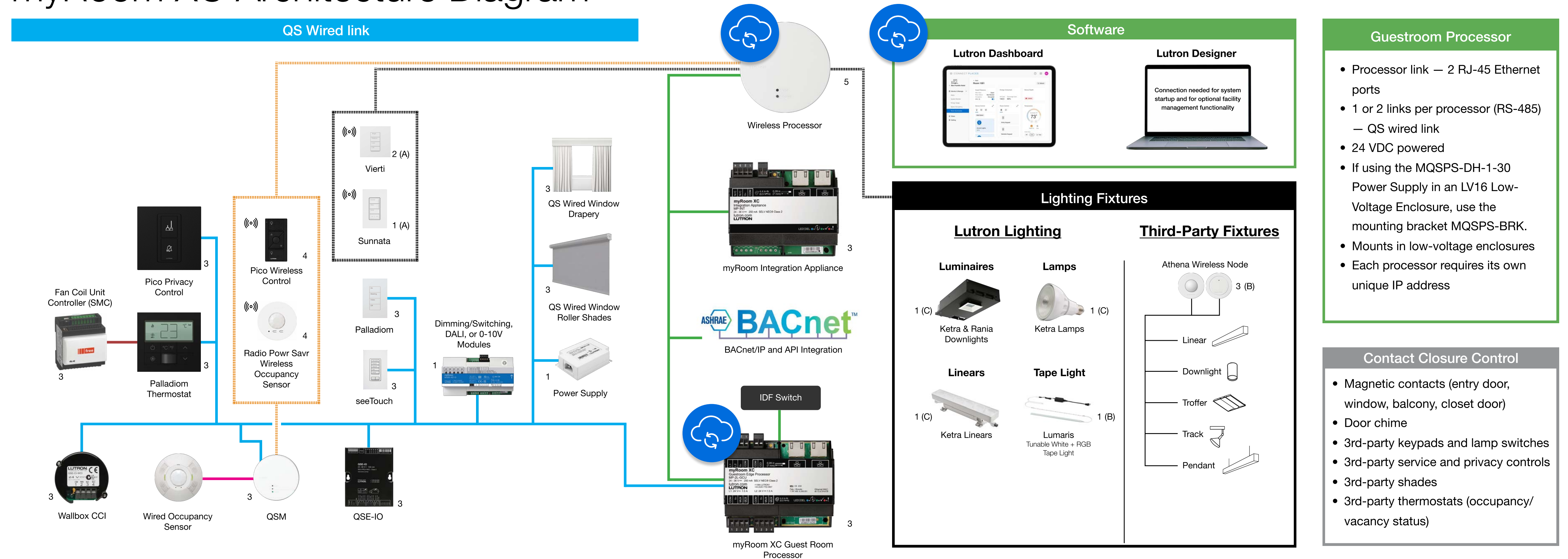
Contact Closure Control

- Magnetic contacts (entry door, window, balcony, closet door)
- Door chime
- 3rd-party keypads and lamp switches
- 3rd-party service and privacy controls
- 3rd-party shades
- 3rd-party thermostats (occupancy/vacancy status)

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myRoom XC capacities

- Up to 16 processors per guest room
- 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.
- 100 Clear Connect Type X device per gateway

QS Wired Link

QSM Wired Sensor Link

Clear Connect Wireless

Modbus Link

System Ethernet Link

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 - 35 VDC powered

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

Internet Connected Device
Internet connection allows for cloud-connectivity via the Lutron dashboard and app from anywhere in the world, as well as security patches, bug fixes, feature updates, and faster flexible support.

(A) Sunnata available in 120V regions (North America). Vierti available in select 240V regions with expanding availability
(B) Wireless node fixture control and Lumaris tape light available in North America and select 240V regions with expanding availability
(C) Ketra and Rania are is available in North America
Note: Contact your Lutron sales representative for up-to-date regional availability

Power
1. Line voltage 120-277 VAC
2. Line voltage 220-240 VAC
3. Low Voltage VDC
4. Battery powered
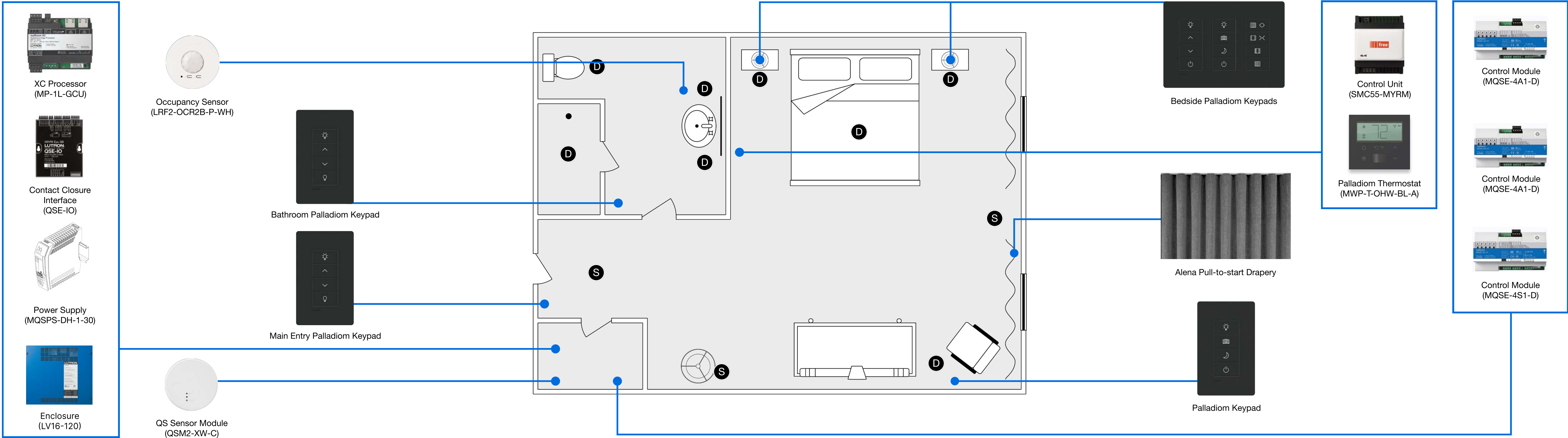5. Power over Ethernet (PoE)

myRoom XC with Architectural Matte Palladiom Keypads & Alena Drapery

Package Includes

- (11) Zones – (8) phase dimmed, (3) switched
- Black architectural matte finish for Palladiom keypads
  - Two 3-gang keypads
  - Three 1-gang keypads
  - One thermostat
- Contact closures for window, balcony, and 3rd-party corridor signage
- Lutron-provided, low-voltage enclosure (DIN module enclosure not provided)
- Integration (via integration device) for property management system (PMS) and central electronic lock system (CELS)
- Connection to Lutron dashboard

- System project management and programming by Lutron-certified hospitality technology integration (HTI)
- Seamless integration to Lutron motorized window treatments
- 5-year parts-only full warranty
- Price includes equipment, programing and commissioning, but not electrical work or shades

Shades Details:
- Alena pull-to-start drapery tracks
- Dual tracks for blackout and sheer draperies
- Ripplefold, center-draw and ceiling mounted
- Power supplies included

Sequence of Operations (SOO):

	Unsold Check Out	Sold Check In	Sold Occupied	Sold Unoccupied
Lights	Off	Grand welcome scene	Entry scene	Off
Temperature	Deep setback: hotel setpoint, large drift	Setback mode: hotel setpoint, no drift	Comfort mode: guest controlled, no drift	Setback mode: guest controlled, medium drift

XC Processor
(MP-1L-GCU)

Contact Closure Interface
(QSE-IO)

Power Supply
(MQSPS-DH-1-30)

Enclosure
(LV16-120)

Occupancy Sensor
(LRF2-OCR2B-P-WH)

QS Sensor Module
(QSM2-XW-C)

Bathroom Palladiom Keypad

Main Entry Palladiom Keypad

Bedside Palladiom Keypads

Alena Pull-to-start Drapery

Palladiom Keypad

Control Unit
(SMC55-MYRM)

Palladiom Thermostat
(MWP-T-OHW-BL-A)

Control Module
(MQSE-4A1-D)

Control Module
(MQSE-4A1-D)

Control Module
(MQSE-4S1-D)

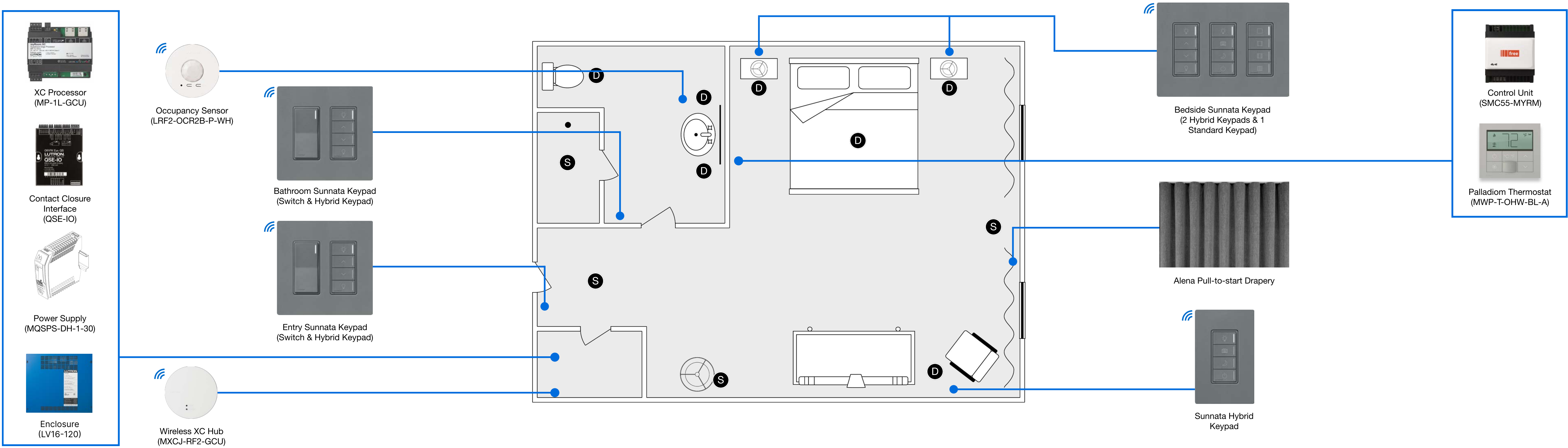**D** Dimmed fixture   **S** Switched fixture

myRoom XC with Sunnata Keypads | Wireless Lighting Control with Wired Thermostat and Shades

Package Includes

- (9) Zones
- Gray architectural matte finish for Sunnata Keypads
  - Two 2-gang (switch & hybrid) keypads
  - Two 3-gang (2/3 hybrid) keypads
  - One 1-gang (hybrid) keypad
- One Palladiom thermostat
- (1) Occupancy Sensor
- 5-year parts-only full warranty
- Integration (via integration devices) for property management system (PMS) and central electronic lock system (CELS)

- Connect to Lutron Dashboard
- Lutron-provided, low-voltage enclosure
- Seamless integration to Lutron motorized window treatments
- Contact closures for window, balcony, and 3rd-party corridor signage

Shades Details:
- Alena pull-to-start drapery tracks
- Dual Tracks for blackout and sheer draperies
- Ripplefold, center-draw, and ceiling mounted
- Power supplies included

Sequence of Operations (SOO):

	Unsold Check Out	Sold Check In	Sold Occupied	Sold Unoccupied
Lights	Off	Grand welcome scene	Entry scene	Off
Temperature	Deep setback: hotel setpoint, large drift	Setback mode: hotel setpoint, no drift	Comfort mode: guest controlled, no drift	Setback mode: guest controlled, medium drift

XC Processor
(MP-1L-GCU)

Contact Closure
Interface
(QSE-IO)

Power Supply
(MQSPS-DH-1-30)

Enclosure
(LV16-120)

Occupancy Sensor
(LRF2-OCR2B-P-WH)

Wireless XC Hub
(MXCJ-RF2-GCU)

Bathroom Sunnata Keypad
(Switch & Hybrid Keypad)

Entry Sunnata Keypad
(Switch & Hybrid Keypad)

Bedside Sunnata Keypad
(2 Hybrid Keypads & 1
Standard Keypad)

Alena Pull-to-start Drapery

Sunnata Hybrid
Keypad

Control Unit
(SMC55-MYRM)

Palladiom Thermostat
(MWP-T-OHW-BL-A)

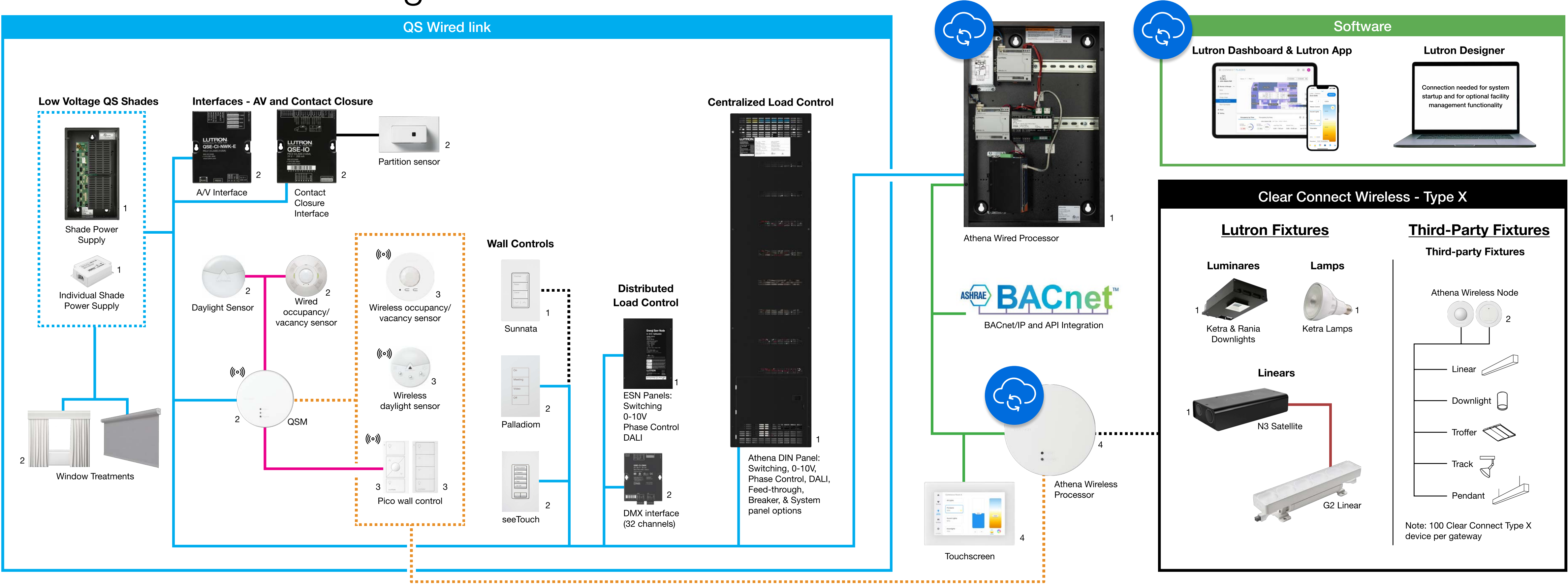**D** Dimmed fixture **S** Switched fixture

Athena

© Ashlee Rose Scott

The Athena solution is uncompromising lighting control that elevates public and amenity spaces. The system's powerful back end radically simplifies property management.

Athena Architecture Diagram

QS Wired link

Low Voltage QS Shades

Shade Power Supply — 1

Individual Shade Power Supply — 1

Window Treatments — 2

Interfaces - AV and Contact Closure

A/V Interface — 2

Contact Closure Interface — 2

Partition sensor — 2

Daylight Sensor — 2

Wired occupancy/vacancy sensor — 2

QSM — 2

Wireless occupancy/vacancy sensor — 3

Wireless daylight sensor — 3

Pico wall control — 3, 3

Wall Controls

Sunnata — 1

Palladiom — 2

seeTouch — 2

Distributed Load Control

ESN Panels: Switching 0-10V Phase Control DALI — 1

DMX interface (32 channels) — 2

Centralized Load Control

Athena DIN Panel: Switching, 0-10V, Phase Control, DALI, Feed-through, Breaker, & System panel options — 1

Athena Wired Processor — 1

BACnet
ASHRAE
BACnet/IP and API Integration

Touchscreen — 4

Athena Wireless Processor — 4

Software

Lutron Dashboard & Lutron App

Lutron Designer

Connection needed for system startup and for optional facility management functionality

Clear Connect Wireless - Type X

Lutron Fixtures

Third-Party Fixtures

Third-party Fixtures

Luminares

Ketra & Rania Downlights — 1

Lamps

Ketra Lamps — 1

Linears

N3 Satellite — 1

G2 Linear

Athena Wireless Node — 2

Linear

Downlight

Troffer

Track

Pendant

Note: 100 Clear Connect Type X device per gateway

Athena system capacities

- 16 Athena processors (max per system)
- 1600 Athena processors (max per building)

Note: Not all available products shown

— **QS Wired Link**
4-wire RS-485 link, 24-35V

— **Wired Sensor Link**
3-wire link, 20V

···· **Clear Connect Wireless**

— **Ethernet Link**

QS Wired Link

- 2,000 feet maximum wire length (consult technical specs for other applicable rules)
- Free-wire topology (star, daisy chain, home run, etc.)
- Standard Lutron conductor cable
- See Lutron document 369596 for specifications

Internet Connected Device
Internet connection allows for cloud-connectivity via the Lutron dashboard and app from anywhere in the world, as well as security patches, bug fixes, feature updates, and faster flexible support.

Power

1. Line voltage VAC
2. Low voltage VDC
3. Battery powered
4. Power over Ethernet (PoE)

Residence Integrations

The Lutron dashboard makes it easy to manage lighting across rented, serviced, and private residential spaces.

Rented

myRoom XC

Serviced or Private

HomeWorks and RadioRA 3

The Service Difference

A lifetime of support—Lutron stays with you every step of the way. From design and installation to operation and upgrades, our project managers and factory-trained, regional technicians offer peace of mind and service for the life cycle of your Lutron solution.

Upgrade Existing myRoom Solutions

myRoom XC is the future of guest room control—if you already have a myRoom solution on property, easy upgrades are available.

Equipment Warranty

A global, five-year full parts warranty and an eight-year limited warranty provide peace of mind after equipment has been installed.

Flexible Support: Remote or Onsite

Lutron service and support is engineered for your property life cycle. Cloud-connected systems facilitate support whenever and wherever you need us.

Lutron Project Champion

A dedicated regional Lutron Project Champion supports project delivery and success from design to turnover and post-occupancy.

Want more Information? Have a question?

Visit Lutron hospitality page

Visit myRoom XC page