LUTRON

- Solutions to a Growing Trend -

ALL-IN-ONE
Lighting Control System

Residential | Office | Commercial | Retail | Hospitality

Zodiac

Zodiac

Zodiac Lighting Limited was incorporated in Hong Kong on 1st October 1988. With over a century of combined experience in the lighting industry, the founders came together and led the company to success at its present days.

Zodiac is dedicated to rendering a brand-new lighting philosophy on different projects. Its extensive portfolio includes hotels, department stores, shopping arcades, retail shops, restaurants, hospitals, banks and residential households in Hong Kong and China.

LUTRON

A global organization that is committed to delivering value to customers. Their innovative total light control solutions for homes and commercial spaces of each type and style have made LUTRON the world's leader in lighting controls.

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Perfect Match of Technology

For maximum effectiveness of the whole configuration, ZODIAC lighting fixtures are perfectly compatible with LUTRON modules and assist in optimising the system for better overall experience. ZODIAC provides a full range of products that are being recognised as the most innovative design in the industry. The perfect match of LUTRON & ZODIAC gives client a well-balanced experience in aesthetics and functionality.

- 0.1-100% smooth dimming
- 100% compatible by testing
- Flicker-free dimming
- Flexible, Simple, All-in-One Solution of lighting and control system

Provide a System with Guaranteed Performance

LUTRON digital lighting control solution comprises of digitally addressable processor, digital control modules, control keypads and optional sensors for energy savings. These components work together seamlessly to provide clients outstanding dimming performance with great energy savings potentials, while increasing space flexibility, improving occupant comfort and productivity as well as reducing maintenance costs.

2 Residential

We believe simple clicks and easily reachable controls are essential for better living. Lutron Total Home Automation integrates the control of electric light and daylight with the audio visual and HVAC systems at your home. Moreover, it saves energy. When you choose Lutron Home Automation system, you are not only refining your way of living, but also making a wise choice to save the environment.

Light Control

Create suitable lighting for activities or set lighting moods in specific areas of your home – all at the touch of a button.

Blind Control

Allow warm and pleasing sunlight into your home with automated blinds. Convert harsh glare into soft, pleasing light, while preserving your view.

Temperature Control

Adjust heating or cooling system of your home any time of day – even when you're away from home.

Audio Visual Control

Control audio visual equipment from one convenient location.

App Control

With ensured accessibility to the functions of your home, the Lutron App allows you to control lights, shades, and temperature from wherever you are!

Voice Control

Your smart home is now voice activated, which allows you to manage your smart home with voice commands to change the lighting, control the shades, adjust the temperature.

HVAC systems

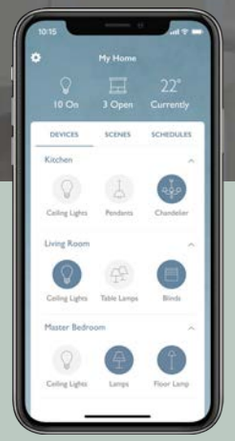
Remotely control your air conditioning to maintain the perfect comfort level when you're home.

Audio Visual Systems

Reinvent home entertainment with complete control and unmatched convenience.

Electric Light & Daylight

Create suitable lighting for activities or set lighting mood in specific areas of your home – all at the touch of a button.



Perfect Home Control Solutions

Total control of electric light and daylight as well as the audio visual and HVAC systems.

Circadian Lighting Design

Light is one of the main drivers of the circadian system. To support circadian health by setting a minimum threshold for daytime light intensity, which starts in the brain and regulates physiological rhythms throughout the body's tissues and organs, affecting hormone levels and the sleep-wake cycle.

On Human Body

Cool white light with a high proportion of blue light has a stimulating effect and promotes concentration, whereas warm white light is calming. Therefore, Tunable White creates an environment that helps us in a natural way.

On Object / Environment

Colour Temperatures give rooms a characteristic atmosphere and underline the beauty and brilliance of different object and surfaces. With the right light spectrum, colours can be emphasised and powerfully presented.

Geofencing

Lights on automatically when you arrive home/ notify you if you've left lights on when you are not home. Ensure you'll always come home to a well-lit house.

Smart Away

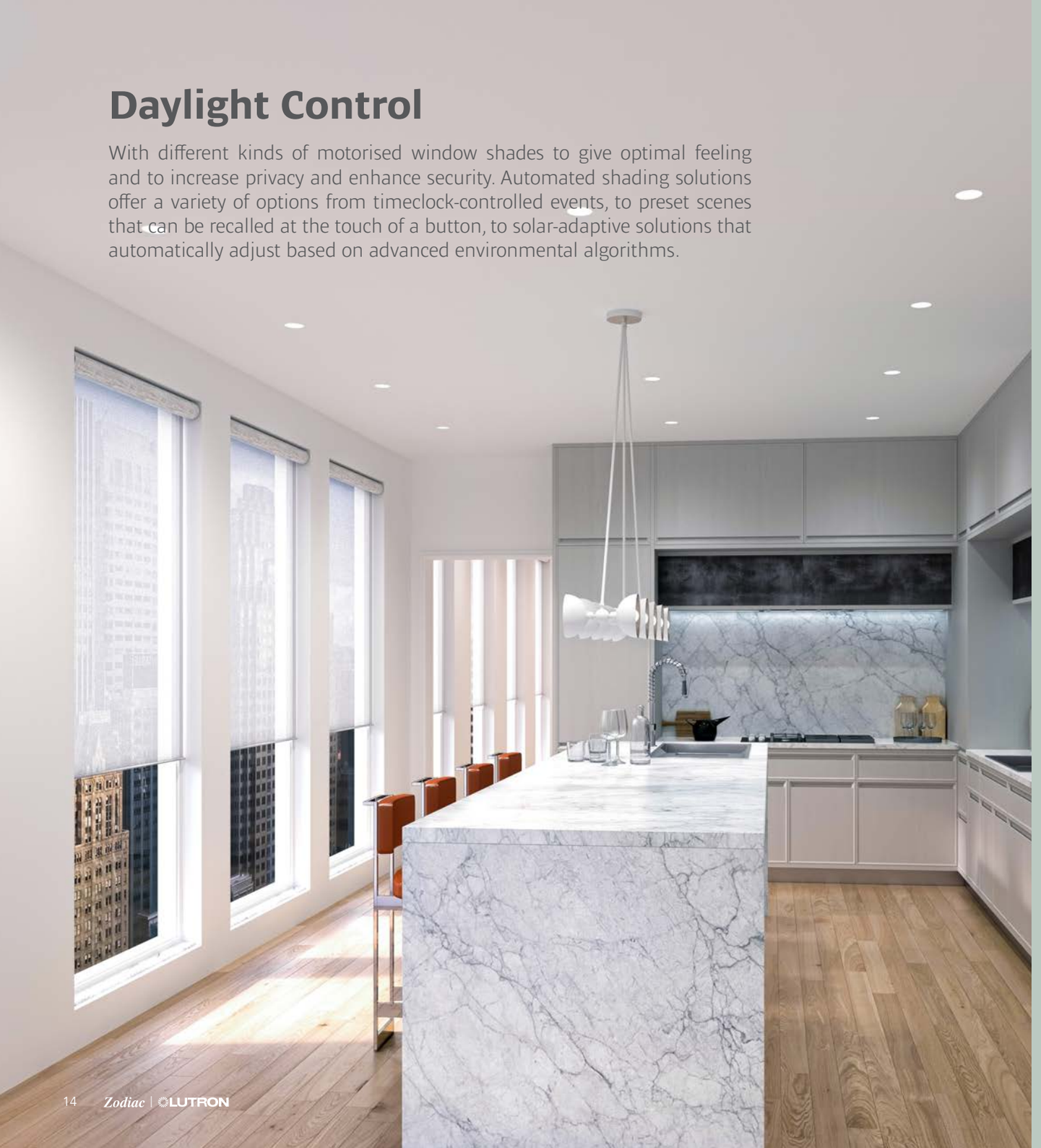
Alter your light settings between 6 PM and 11 PM – making it look as though you and your family are enjoying a regular night at home before going to bed.

Scene Setting

Easily create a sociable and atmospheric place to dine or entertain, e.g.: Lights, Shades, Temperature.

Daylight Control

With different kinds of motorised window shades to give optimal feeling and to increase privacy and enhance security. Automated shading solutions offer a variety of options from timeclock-controlled events, to preset scenes that can be recalled at the touch of a button, to solar-adaptive solutions that automatically adjust based on advanced environmental algorithms.



Window Shades

From bright to dark, you can allow different light volume into your home by controlling the window shades. This can give you optimal feeling and also enhance privacy level. In addition, all honeycomb shade fabrics have a white backing acting as a reflector to help keep your space cool and comfortable.

Roller Shades

Hoizontial Sheer Shades

Drapery Tracks

Skylight Shades

Wooden Venetian Blinds

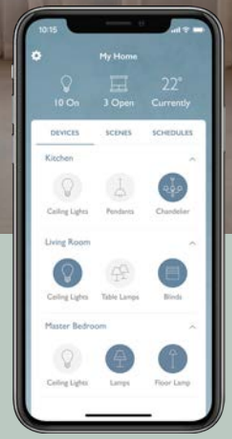
Honeycomb Shades

One Touch Access

Adjust lights and shades without getting down the bed.

Convenient Control

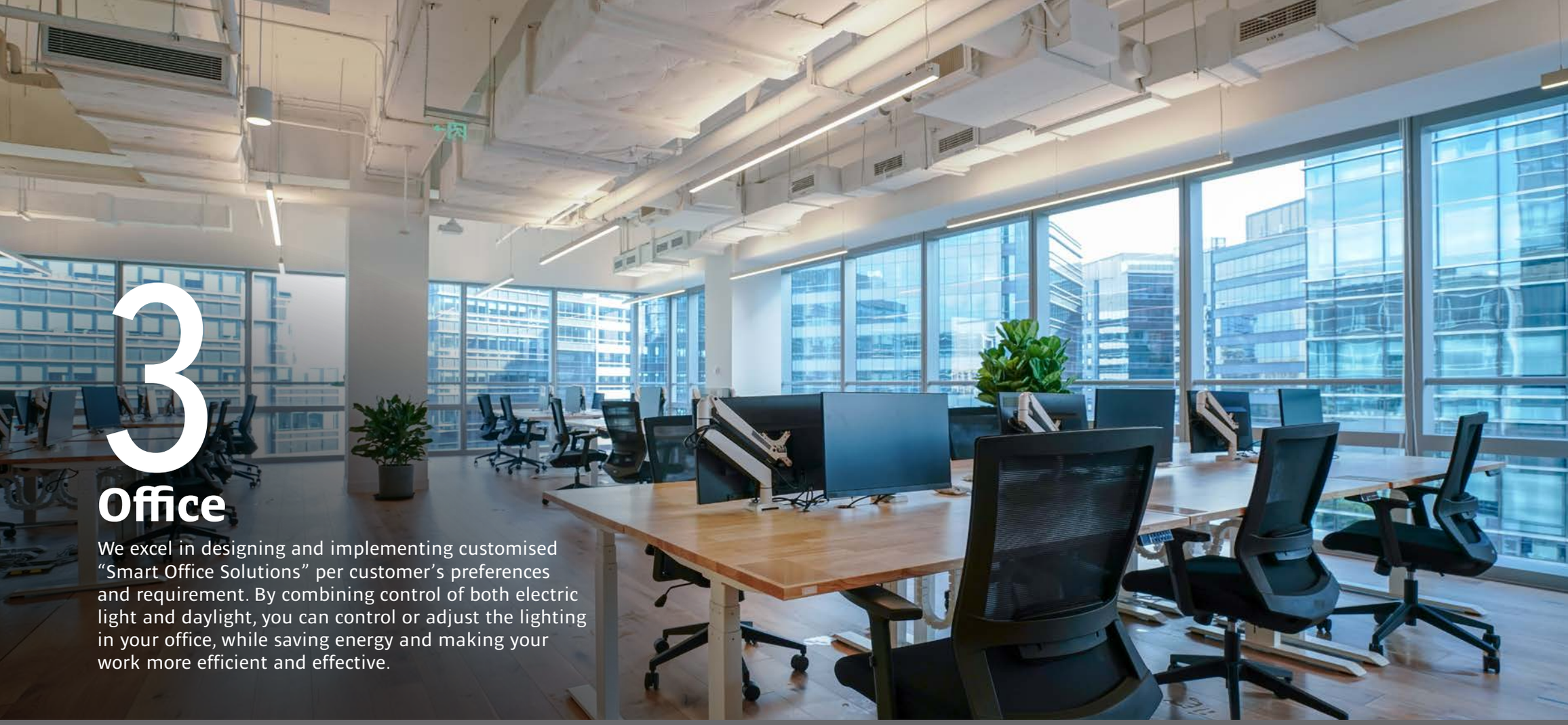
Get everything done with one touch of a button in your soothing bath, such as adjusting lights, shades and music.



HomeWorks QSX Lighting Control System + Voice Control

Pico Wireless Keypad

Alisse Wall Control



3 Office

We excel in designing and implementing customised “Smart Office Solutions” per customer’s preferences and requirement. By combining control of both electric light and daylight, you can control or adjust the lighting in your office, while saving energy and making your work more efficient and effective.

Preset Scene Control

Typical preset scenes include lunch, afternoon, early evening, late evening and after-hours.

Occupancy Response

Lighting can be adjusted and turned on/off automatically depending on the room occupancy and activity.

Daylight Control

Adjust daylight for various occasions.

API Integration

The Application Programming Interface (API) enables integration vendors to integrate their platforms with the Lutron system to control and monitor their system.

App Control

Program quickly by just using your phone, with step-by-step instructions. Adapt to inevitable changes by adding or moving wireless components without rewiring.

Scheduling

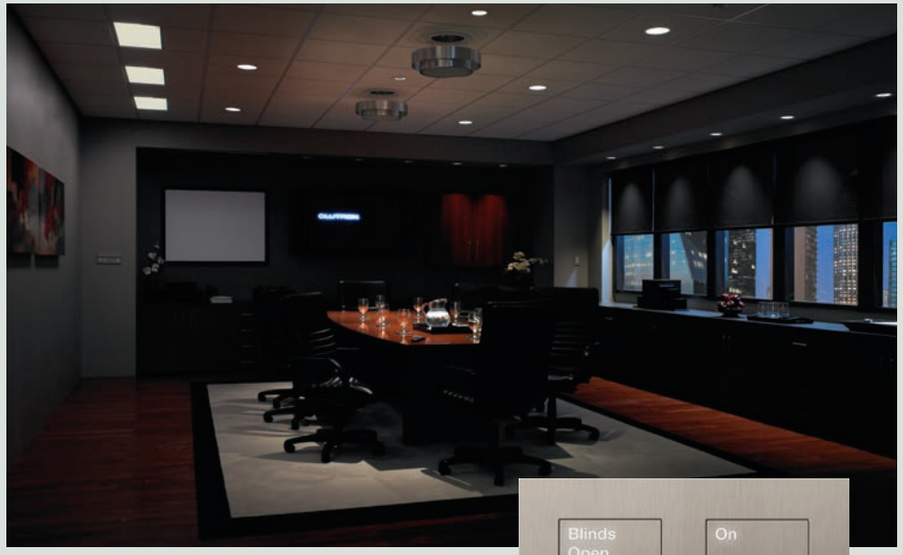
Able to change the lighting according to the preset schedule.

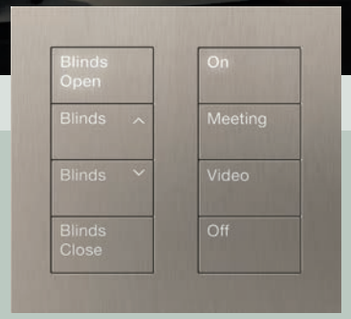
Daylight Mode

Video Training Mode

General Meeting Mode

Projector Mode





Palladiom Keypad with Meeting scenes

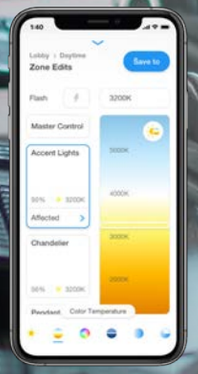
Preset Scene Control

Provide flexible lighting according to various preset scenarios, such as presentations, films, teleconferencing and general meetings. High flexibility, multi-funtionality and ease of use are key features of our Smart Office Control System.

Lutron HXL

A New, Holistic Approach to Human Centric Lighting

Human centric lighting (HCL) is intended to promote a person's well-being, mood and health. By seamlessly adjustable colour temperatures, from cool white to warm white, bring natural lighting effects, with all of the associated advantages, from outside to inside, and make it possible to properly target individual needs and situations.



Athena Lighting Control System

Space Vacant

Lights turn off automatically after an adjustable delay when the space is vacant

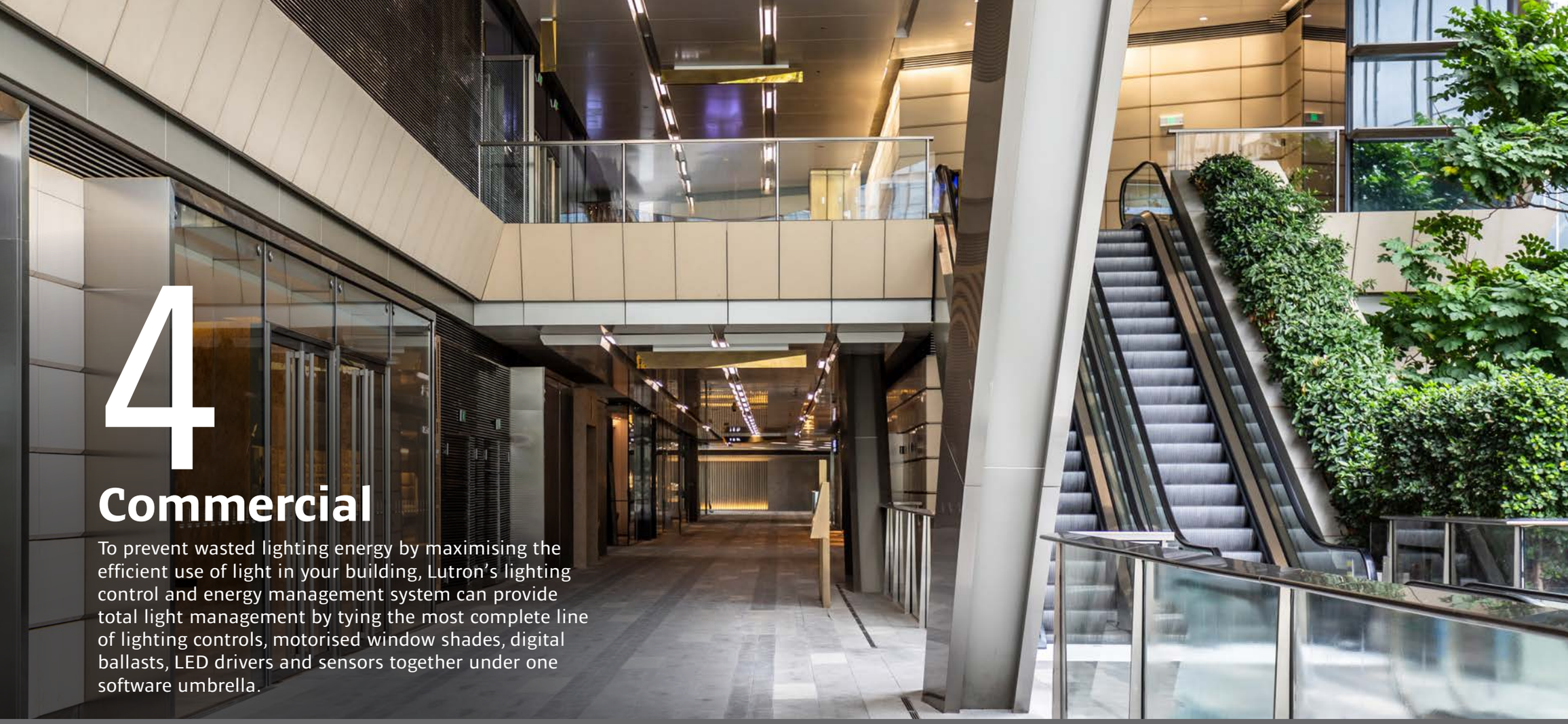
Space Occupied

Lights turn on automatically

Occupancy Response

The system can turn on/off and adjust the light in the room by detecting the occupancy and activity level inside the room. By applying occupancy sensor and vacancy sensor with lighting systems, can achieve provide enormous energy saving.

Radio Powr Savr™
Wireless Occupancy Sensor



4 Commercial

To prevent wasted lighting energy by maximising the efficient use of light in your building, Lutron's lighting control and energy management system can provide total light management by tying the most complete line of lighting controls, motorised window shades, digital ballasts, LED drivers and sensors together under one software umbrella.

Entire Building Solutions

Ideal for a single area to a building, or to a campus with building complex.

Occupancy Response

Lighting can be adjusted and turned on/off automatically depends on the room occupancy and activity.

Daylight Control

Adjust daylight for various occasions.

Building Management System (BMS) Integration

Allow the system operator to intelligently manage and monitor the lighting in their building.

Scheduling

Able to change the lighting according to the preset schedule.

Energy and Cost Efficient

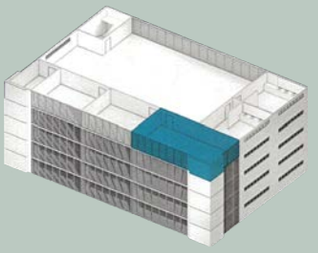
Staying flexible, lean and competitive, all successful businesses pay close attention to every detail of their operation.

Building Management System (BMS) Integration

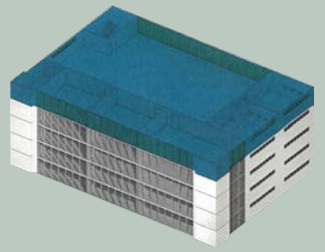
Remote control of the whole building lights and shades, for improving comfort and productivity, simplifying building maintenance and operations, as well as creating beautiful and functional environments for the entire property.

Flexibility

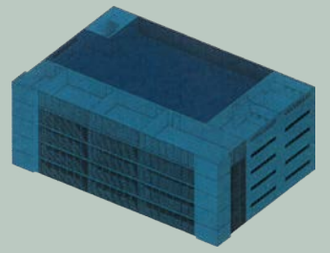
Lighting and shading zones can be re-configured without rewiring. And the Quantum system is expandable from small spaces to a whole building.



Single-room system



Multiple-room system



Whole-building system

BMS Integration

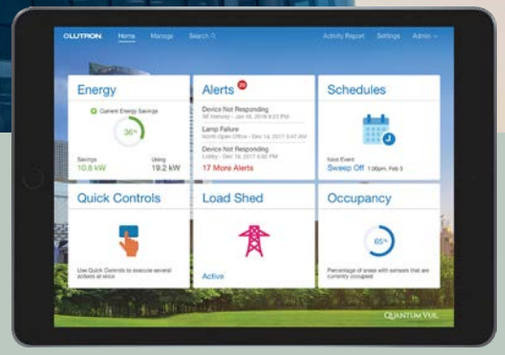
Centralised Light Management & Energy Management

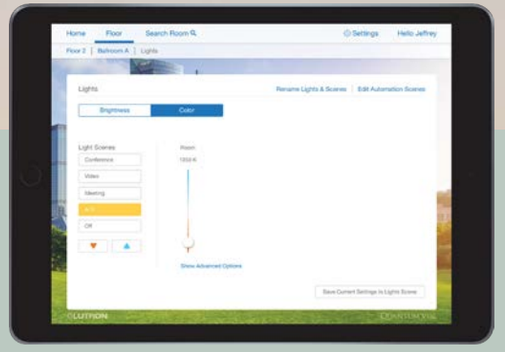
Advanced capabilities and customization

With the capability to control over 10,000 devices and unlimited customisation. The Lutron system provides lighting control, shade control, advanced programming, and energy management from a single platform.

Operational Visibility

The system's building management dashboard provides both global control capabilities and advanced analytics to inform better energy savings, higher space utilization, easier maintenance scheduling, and smarter building use decisions. From any PC or tablet, access occupancy and energy reports, customize alerts, update schedules, activate load-shed events, and more.





Quantum Vue Dashboard

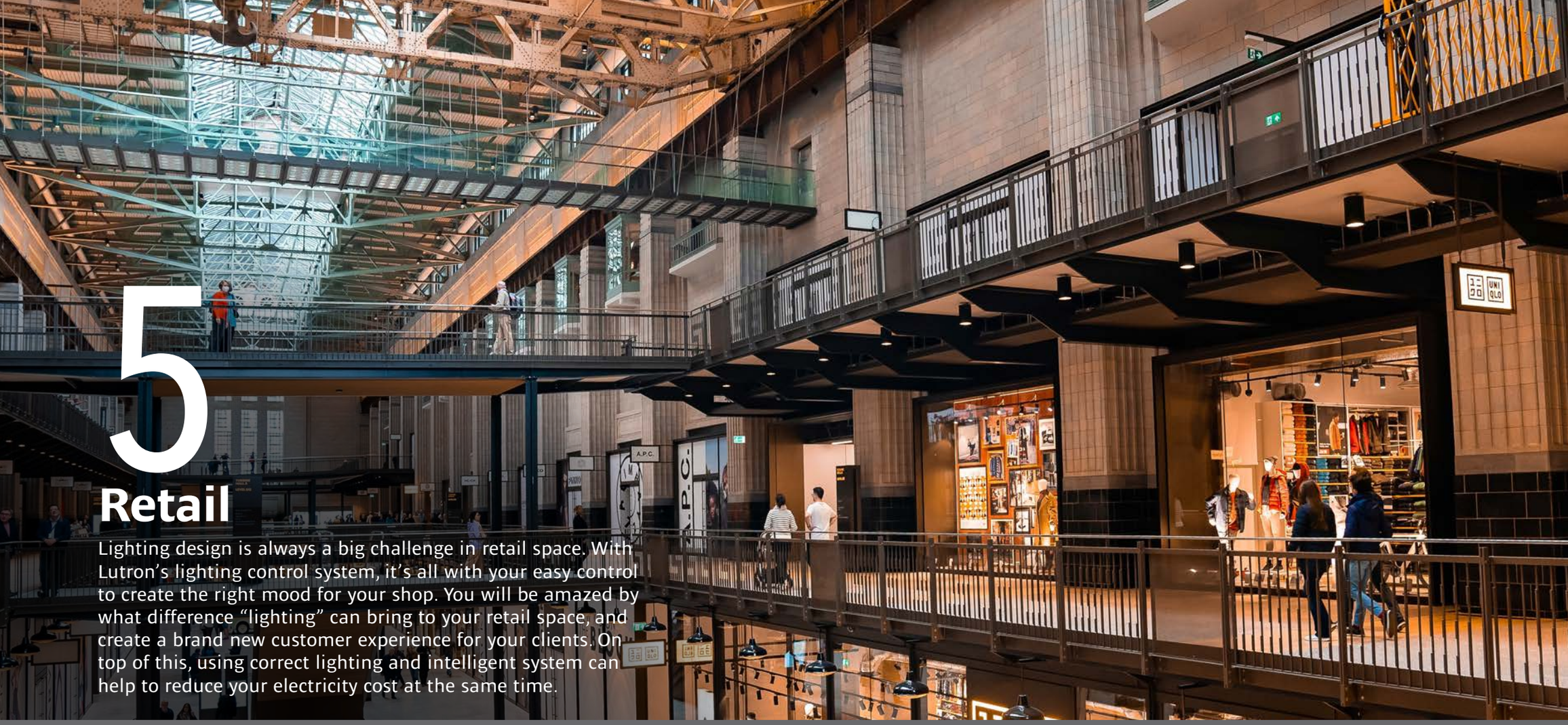
Energy saving from Hyperion Solar Adaptive Shading Solutions

The Hyperion solar-adaptive shading system reduces glare and heat gain, and saves energy by automatically adjusting Lutron shades in response to the changing position of the sun.

Green Building

Lutron light control solutions meet the specific requirements of the latest environmental design criteria, including the LEED® Green Building Rating Systems. It is one of the best systems to comply with LEED® or Beam Plus Certification.

Radio Powr Savr™
Daylight Sensor



5 Retail

Lighting design is always a big challenge in retail space. With Lutron's lighting control system, it's all with your easy control to create the right mood for your shop. You will be amazed by what difference "lighting" can bring to your retail space, and create a brand new customer experience for your clients. On top of this, using correct lighting and intelligent system can help to reduce your electricity cost at the same time.

Scheduling

Able to change the lighting according to the preset schedule.

Preset Scene Control

Typical preset scenes include lunch, afternoon, early evening, late evening and after-hours.

Favourites

Quickly access the most frequently use functions.

Energy Control

Save energy with comfort and convenience.

Maintain Brand Image

Time-scheduled system allows change in scenes based on calendar days and times.

Spring Summer

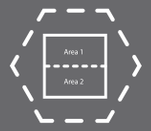
Day : 09:00 - 18:00
Evening : 18:00 - 21:00

Fall Winter

Day : 09:00 - 17:00
Evening : 17:00 - 21:00

6 Hospitality

Lutron lighting control systems enhance guest experience in the hospitality industry. Simple and intuitive operation with real-time data plus intelligent automation help to reduce labour cost, utility consumption as well as property maintenance and operation expenses. Simply speaking, Lutron system management software packages give hoteliers unprecedented management and in-room control across the entire property.



Partitioning

Set lighting controls to adapt the changes in ballroom configurations without rewiring.

Preset Scene Control

Typical preset scenes include lunch, afternoon, early evening, late evening and after-hours.

Portable Control

Provide hand-held control with an radio frequency remote control.

Energy and Cost Efficient

Staying flexible, lean and competitive, all successful businesses pay close attention to every detail of their operation.

A/V Integration

Integrate lights and blinds with A/V management systems.

Property Management System (PMS) Integration

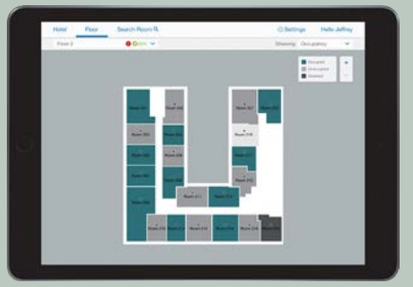
Allow the system operator to intelligently manage and monitor the lighting in their property.

Guest Room Control Systems

Achieve centralised control of lights, shades, and temperature for every space in our hotel. Manage, monitor, and adjust settings using myRoom Vue software, and improve the entire experience for your staff as well as your guests.

Seamless Integration

Centrally monitored and managed by Lutron guestroom management system which can integrate with property management systems and building management systems.



Save Energy and Money

Automatic response to timeclock settings, occupancy, or other cues to reduce costs.

Enrich Guest Experience

Lights, shades and temperature can be adjusted automatically in response to guest occupancy. Guestroom control solutions from standalone controls to integrated guestroom management systems available, just choose the right solutions to create a home-away from home for every guest in your hotel.

Palladiom Keypad

Palladiom Thermostat

Guestrooms & Suites

Fully Integrated, Connected Control

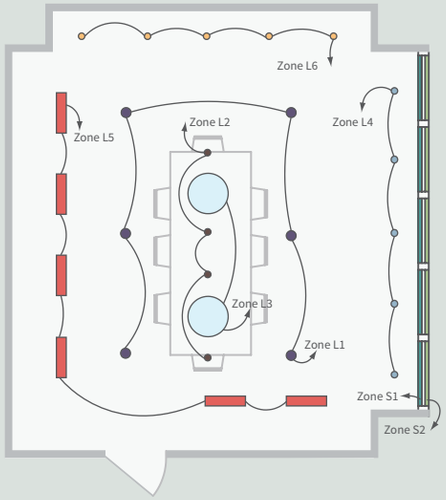
Centralised control for the entire hotel - wireless remotes, app-based control from any smart devices, and convenient keypads deliver ultimate convenience and save energy beautifully.

Control Lights, Shades and Temperature

Adjust the entire space and environment at the touch of a button, and easily create scenes for most common activities.

Partitioning

By using Zodiac Lighting fixtures with digitally addressable drivers, it is possible to configure lighting zone individually. Partitioning function enables control of lightings according to the changed wall configuration of any space. It gives hotel staff the most flexible way to manage lighting at function rooms.



Lighting of each zone is controlled by one switch or dimmer. With partitioning function, users can design each scene by adjusting the light and shades in a series of zones.

Lighting Zones

- Zone L1 Downlights
- Zone L2 Table Downlights
- Zone L3 Pendants
- Zone L4 Window
- Zone L5 Wall Wash
- Zone L6 Display Area

Blind Zones (Groups)

- Zone S1 Blackout Blinds
- Zone S2 Sheer Shades

Synchronised Operation without Interruption

Perfectly aligned window shades work silently and automatically.

Shading Solutions for Every Space

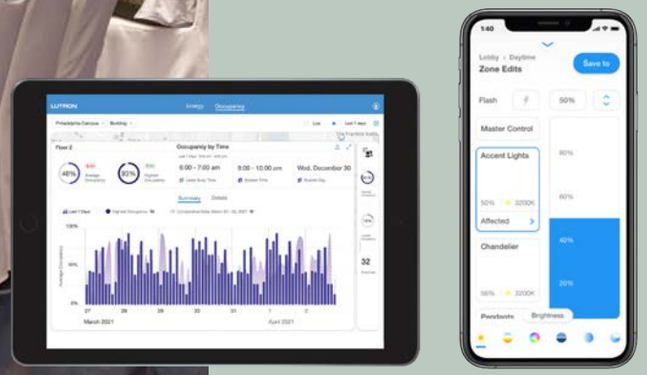
Transform the guest experience – automated shades and daylight control solutions provide the perfect balance of daylight and electric light from the hotel lobby to individual guestrooms.

Lutron Shades

Offer a variety of options to enhance the function and aesthetics of any property.

Seamless Integration with A/V equipment & Stage Lighting Scene

User-friendly lighting controls empower staff to preset lighting scenes based on personal needs. By touch of a single button, for instance, ambient lightings are gradually dimmed to preset level, projector is lowered, and stage light spots on speaker who is going to give a speech for a luncheon seminar.



Switches & Wall plates

Subtle Elegance for Any Space | *Easy to Use*

Scan this QR Code to see the full range on our website

Colours and Finishes

Alisse Wall Controls

Architectural White

Champagne

Satin Nickel

Brushed Brass

Bright Chrome

Matte Black

Palladiom Keypads

White

Bright Nickel

Satin Nickel

Satin Brass

Satin Chrome

Black

Palladiom Thermostats

White

Bright Nickel

Satin Nickel

Satin Brass

Satin Chrome

Black

Sockets

White

Bright Nickel

Satin Nickel

Satin Brass

Satin Chrome

Black

System Features Comparison

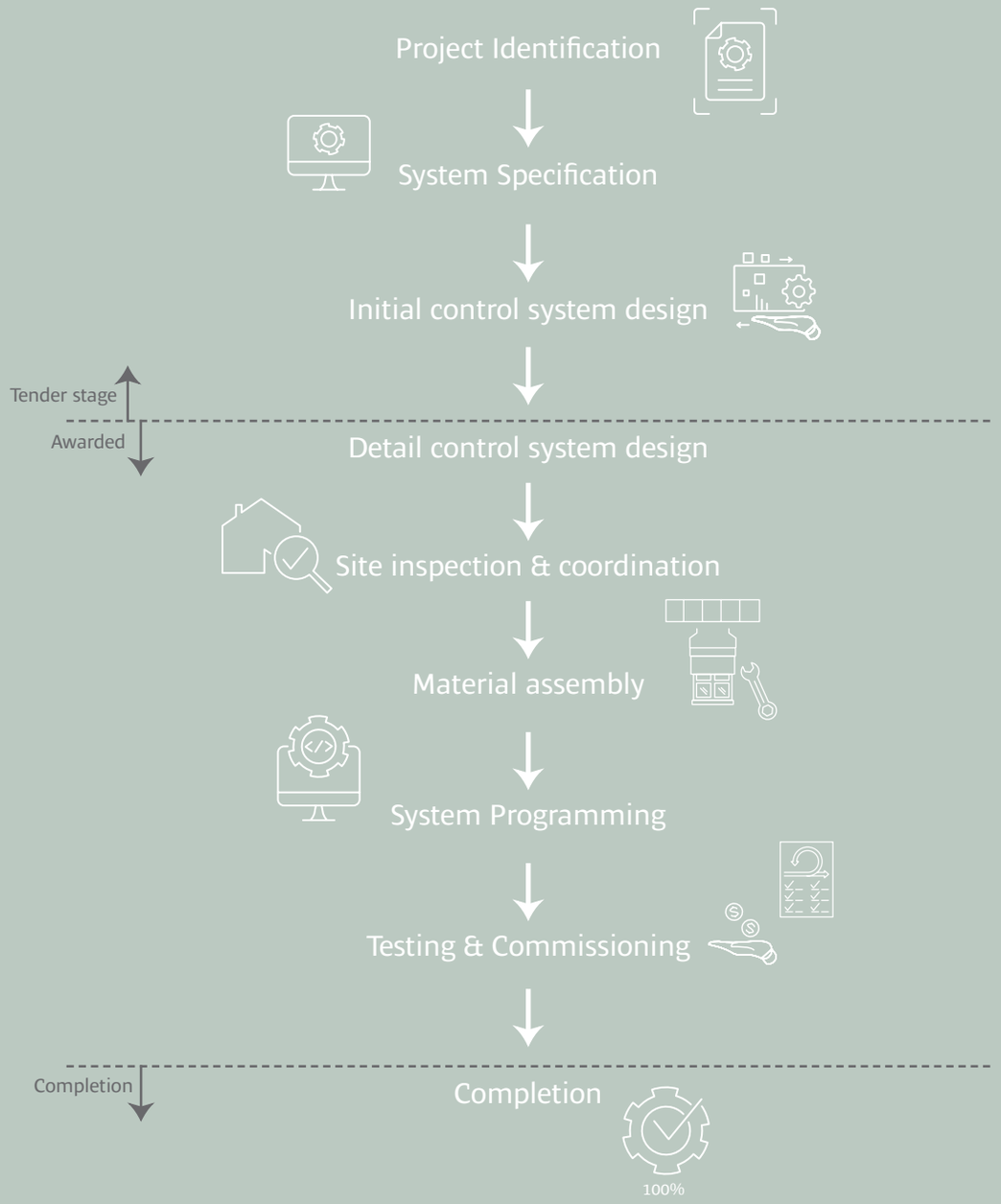
Residential

	RA2 Select	HomeWorks QSX
Lighting control function		
Timeclock	✓	✓
Scene Setting	✓	✓
Support Tunable White	✓ (0-10V)	✓ (DT8)
Dimming method		
On-Off	✓	✓
Phase-dim	✓	✓
0-10V	✓	✓
DALI	x	✓
User control interface		
Lutron Apps	✓	✓
Keypad control		
Pico (Wireless)	✓	✓
See-touch	x	✓
Palladiom	x	✓
Alisse	x	✓
Others		
Motion Sensor	✓	✓
Daylight Sensor	x	✓
HVAC Integration	x	✓
Shades/ Drapes	✓ (Lutron Shades)	✓ (All Shades)
SONOS Integration	✓	✓
Dry contact integration	x	✓

Commercial

	ESN	Athena	Quantum
Lighting control function			
Timeclock	✓	✓	✓
Scene Setting	✓	✓	✓
Support Tunable White	✓ (0-10V/DT6)	✓ (DT8)	✓ (DT6)
Dimming method			
On-Off	✓	✓	✓
Phase-dim	✓	✓	✓
0-10V	✓	✓	✓
DALI	✓ (DT6)	✓ (DT8)	✓ (DT6)
User control interface			
Lutron Apps	x	✓	x
Web-based Software	x	x	✓
BMS Integration	x	✓	✓
API Integration	x	✓	✓
Keypad control			
Pico (Wireless)	✓	✓	✓
See-touch	✓	✓	✓
Palladiom	x	✓	✓
Others			
Motion Sensor	✓	✓	✓
Daylight Sensor	✓	✓	✓
A/V Integration	✓	✓	✓
Shades/ Drapes	✓	✓	✓ (Hyperion)
Dry contact integration	✓	✓	✓

Commissioning Procedure for Lighting Control System at Zodiac



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