centralised lighting control

LCP128™ systems

LUTRON®

LCP128 Lighting Control System

The Lutron LCP128 is a lighting control system that incorporates the control of all lighting circuits – switched and dimmed, interior and exterior – into one simple system. Operation of these circuits can be done automatically based on daily time schedules, and/or manually through intuitive wall controls.

The LCP128 system is well suited for spaces such as restaurants, retail stores, spas and community centres.

Flexibility – Easily override the scheduled lighting operation through the built-in menu-based LCD programmer or remote mounted wallstations.

Blaüer Adler – Nurnburg, Germany

Simplicity – Meet the unique lighting requirements of each area in a property with one system.

Jil Sander – London, UK

Lower installation cost – Panels are prewired to reduce installation time and material cost. The LCD programmer allows for shorter commissioning times.

Spa Botanica – Singapore

Ferragamo – New York, USA

Switching and dimming from one global manufacturer

Control options
Customise a system to:

- Operate automatically based on daily time schedules and/or external inputs (occupancy sensors, daylight sensors, security system, etc.)
- Run manually through intuitive wall controls
- Run with any combination of the above

Ease of setup and use
Panel includes an LCD programmer for menu-based control and configuration that supports multiple languages.

Circuits and areas can be programmed to be controlled independently or as part of a preset scene.

Superior performance
With Lutron's exclusive patented Real-Time Illumination Stability System (RTISS™) technology, lighting levels remain constant throughout changes in the power line conditions.

Lutron's patented Softswitch™ relay is rated to last a minimum of one million cycles for ultimate quality and durability, significantly reducing maintenance and service costs.

Reliability
Lutron design, quality control, performance and delivery are unsurpassed in the industry.

Outstanding service
Lutron representatives and project management teams are ready to help design and specify the right lighting control system for your project.

Park Hyatt Paris-Vendôme – Paris, France

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Louis Vuitton – Cannes, France

Lighting control system for projects with up to 128 lighting zones

LCP128 is ideal for the following applications:

Restaurants

Retail spaces

Community centres

Spas

Typical system

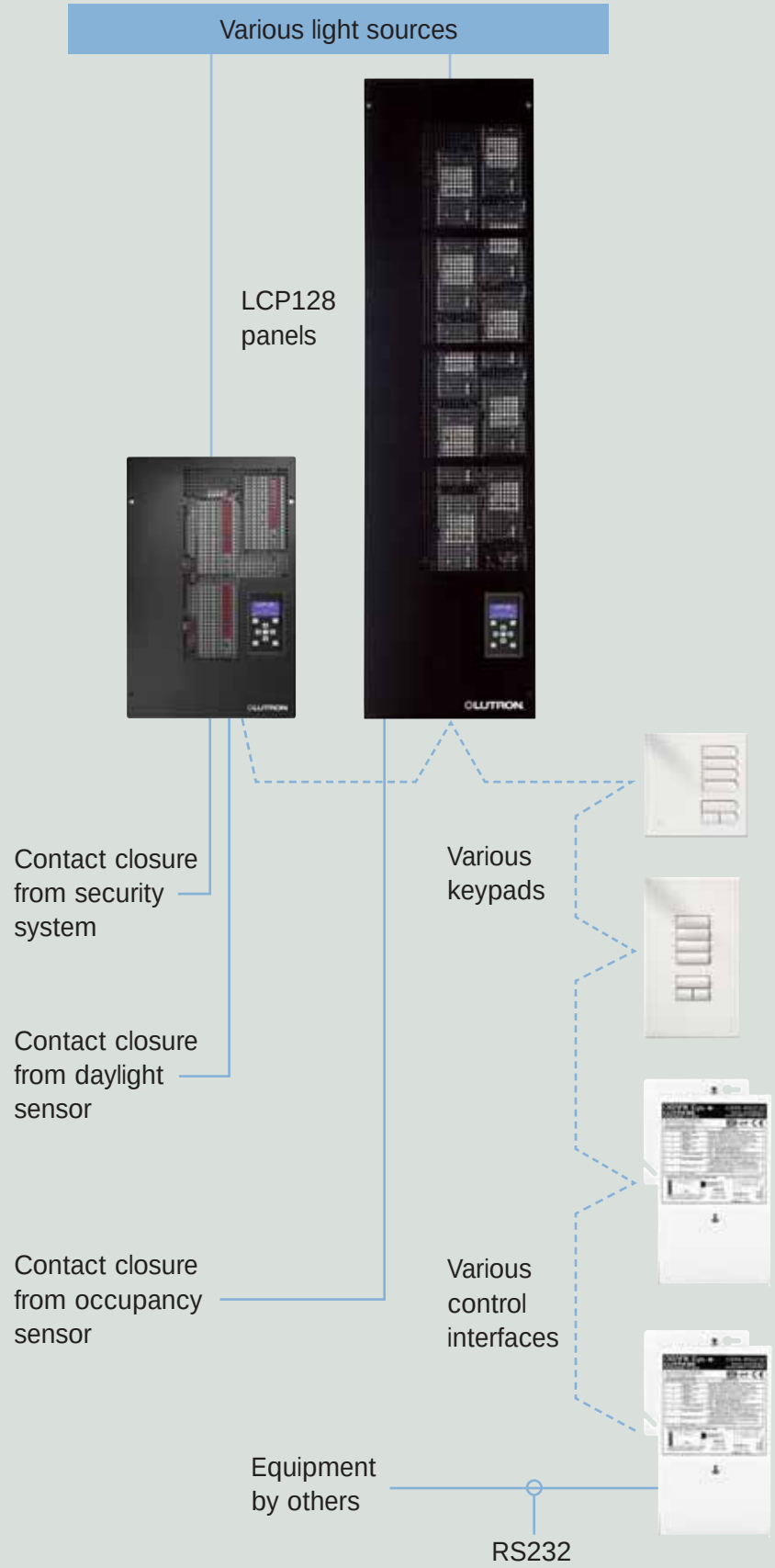
- LCP128 panels (2 sizes available) with any combination of the following modules:
  - 4U (incandescent, MLV, neon/cold cathode, full conduction)
  - 4E (ELV)
  - 4A (incandescent, MLV, ELV, neon/cold cathode)
  - XP (switching)
  - 4M (AC motors)
  - TVM (0-10, DALI, DSI)
- Contact closures to LCP128 panels integral to the LCP128 panel
- Astronomical time clock

Options

- Low-voltage wallstations for local control
- Contact closure input/output devices to integrate with occupancy sensors, daylight sensors and daylight control/projection screens
- RS232 integration

For a complete list of wallstations and interfaces compatible with LCP128 systems, please visit www.lutron.com/LCP128.

The LCP128 system map



Hotel Hilton – Barcelona, Spain

System Maximums

- 128 zones/circuits (1 zone = 1 circuit)
- 8 panels with any combination of dimming and/or switching modules
- 32 wallstations and/or control interfaces
- 7 daily schedules and 40 additional holiday schedules
- 25 time clock events per schedule

Convenient, intuitive lighting control

An LCP128 lighting control system can control the interior and exterior lighting of a property. Lighting requirements for each area are programmed into the system based on the daily operating schedule. As the day goes by, the lighting patterns automatically unfold via the built-in time clock, creating the ideal lighting environment for any task in each space, while still having the flexibility to change the schedules temporarily.

Lighting a restaurant

This example shows how an LCP128 system controls the interior and exterior lighting of a typical restaurant during a typical day based on its operating schedule. This restaurant has seven main areas:

- Back of the house (kitchen)
- Open dining
- Private dining
- Bar
- Office
- Signage
- Exterior

07:00 **Chef and staff start culinary preparation**
Kitchen lights on.

10:00 **Waiting staff arrives**
Manager arrives.
Open dining area lights full on for setup.
Office lights on.

11:00 **Restaurant opens**
Signage on.
Lunch scene on for open dining area.

16:00 **Dinner, cocktail hour, and private birthday party**
Lights fade to dinner scene for open dining area.
Bartender adjusts bar lighting in bar area.
Adjust lighting for mood in private dining room for birthday party.

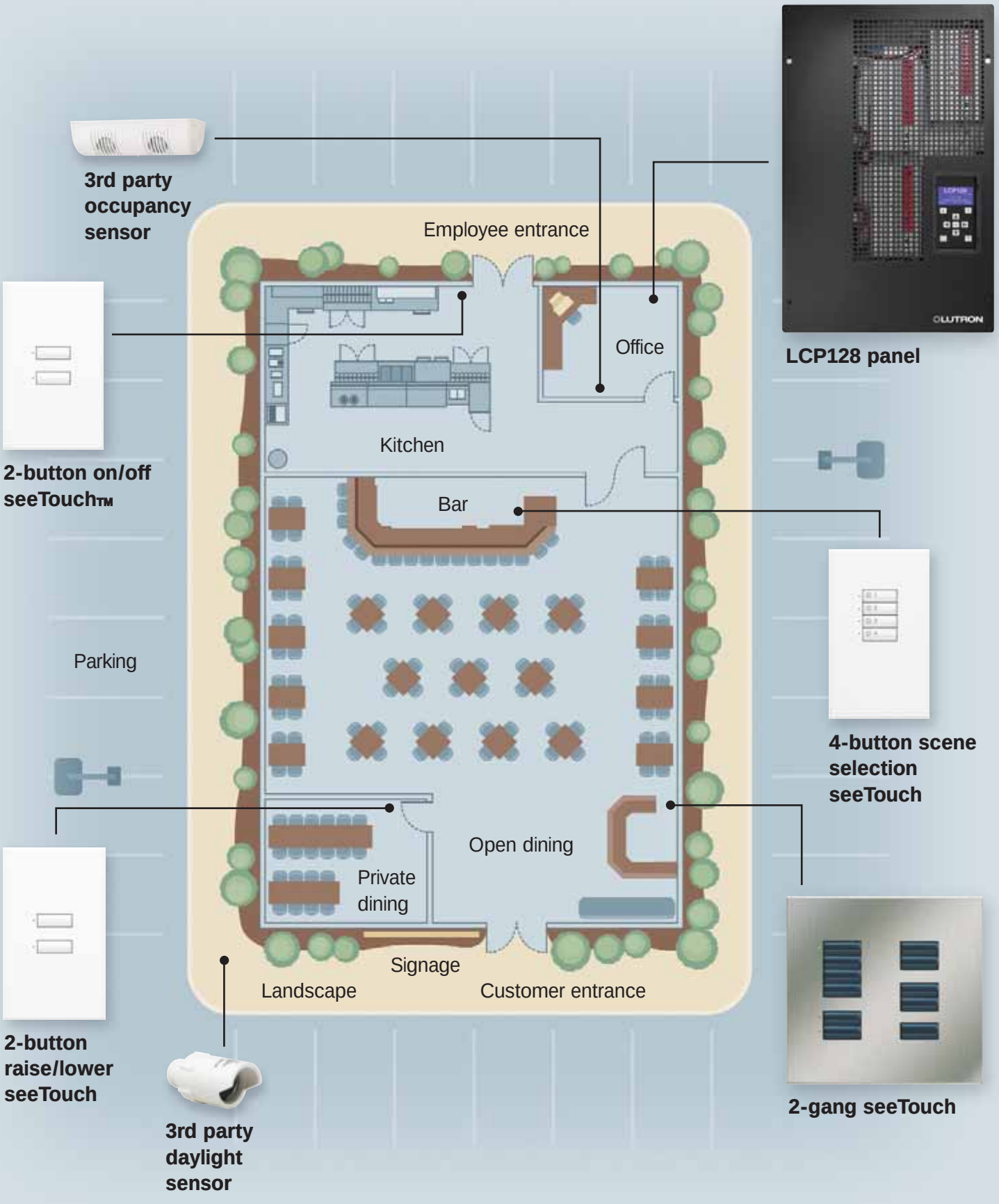
17:00 **Sunset**
Exterior lights on.

00:00 **Last orders**
Lights ramp to full on.

01:00 **Closing**
All dining lights full on for clean-up.
Signage off.
Exterior lights off.

02:00 **Last employee leaves**
All interior lights off.

Typical LCP128 system layout for a restaurant



programming

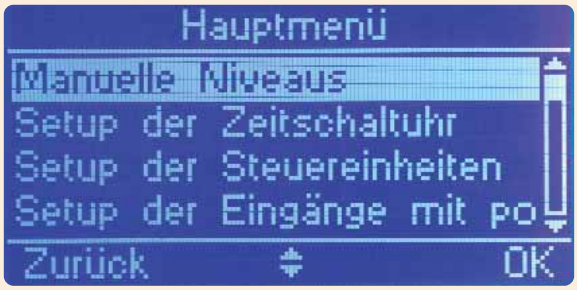
Button-by-button programming of keypads
Uniquely configure every button press to control one, some or all zones.

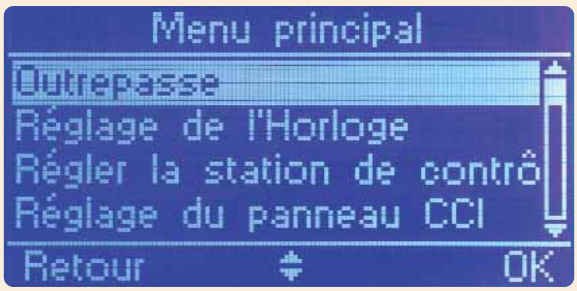
Time clock event programming
Based on daily and/or holiday schedules, the LCP128™ System automatically reconfigures the lighting. The integral astronomical time clock can adjust for seasonal changes and daylight savings time.

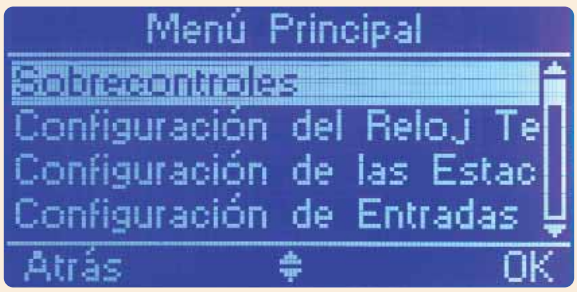
Contact closure input (CCI) programming
Configure every input to control one, some or all zones.

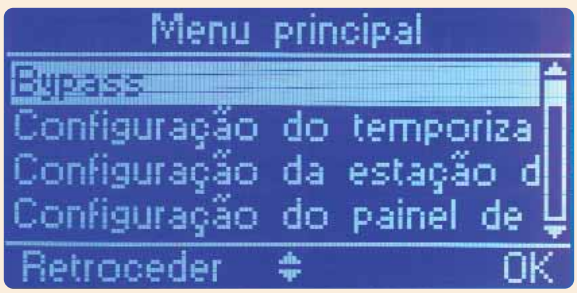
Two integrated contact closure inputs provide an easy interface for occupancy sensors, daylight sensors, security systems, etc.

Contact closure output (CCO) programming
Once a CCO is added to the link, all its outputs become zones in the system that can be uniquely configured to respond to button presses, time clock events, and CCIs.









summary

LCP128 provides

- A multi-area solution
- A range of user interface options
- An LCD programmer for easy configuration of the system
- An ability to integrate with 3rd party equipment
- Button-by-button programming

Customised 2-gang seeTouch™ wallstation for a restaurant application. Shown actual size in satin nickel finish.

seeTouch wallstations connect via low voltage wiring to LCP128 panel.

LCP128 panel

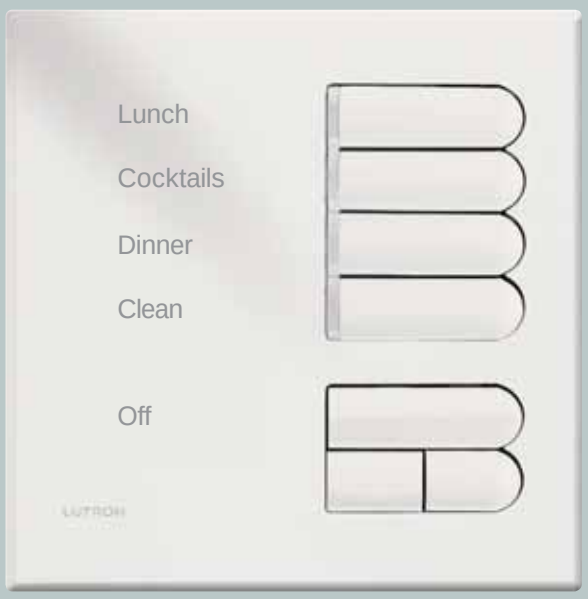
The World Bar – New York, USA

seeTouch™

Shown in actual size in white
70mm x 116mm
(Model SO-4S)

- On-button engraving is angled up to the eye for easy reading
- Backlit buttons for improved visibility of control functions in low-light conditions

European-style



Shown in actual size in white
86mm x 86mm
(Model EOMX-4S)

- On-button LEDs indicate system status
- Mounts in a 68mm or 72mm backbox

Matt finishes

White
WH

Beige
BE

Ivory
IV

Grey
GR

Brown
BR

Black
BL

Gloss finishes (seeTouch only)

White
GWH

Ivory
GIV

Almond
GAL

Light Almond
GLA

Metal finishes

Satin Brass
SB

Bright Brass
BB

Bright Chrome
BC

Antique Brass
QB

Antique Bronze
QZ

Satin Chrome
SC

Satin Nickel
SN

Bright Nickel
BN

Gold Plated
AU

Clear Anod.
Aluminium
CLA

Black Anod.
Aluminium
BLA

Brass Anod.
Aluminium
BRA

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