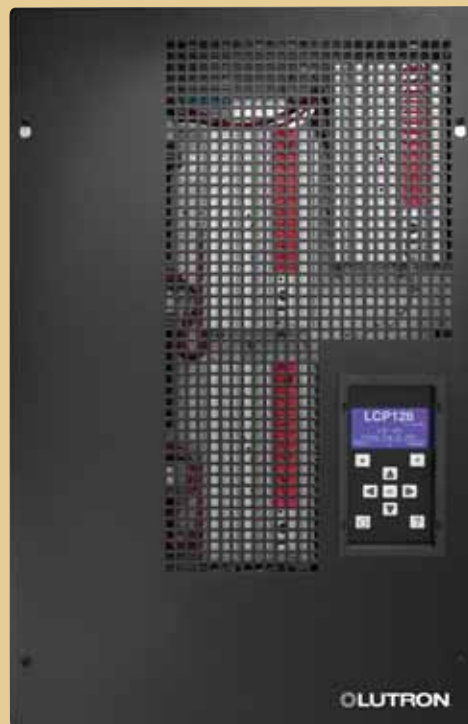


centralised lighting control

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.



Blauer 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

## table of contents

system	4-5
restaurant application example	6-7
programming	8
summary	9
keypads	10
colours and finishes	11



## 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

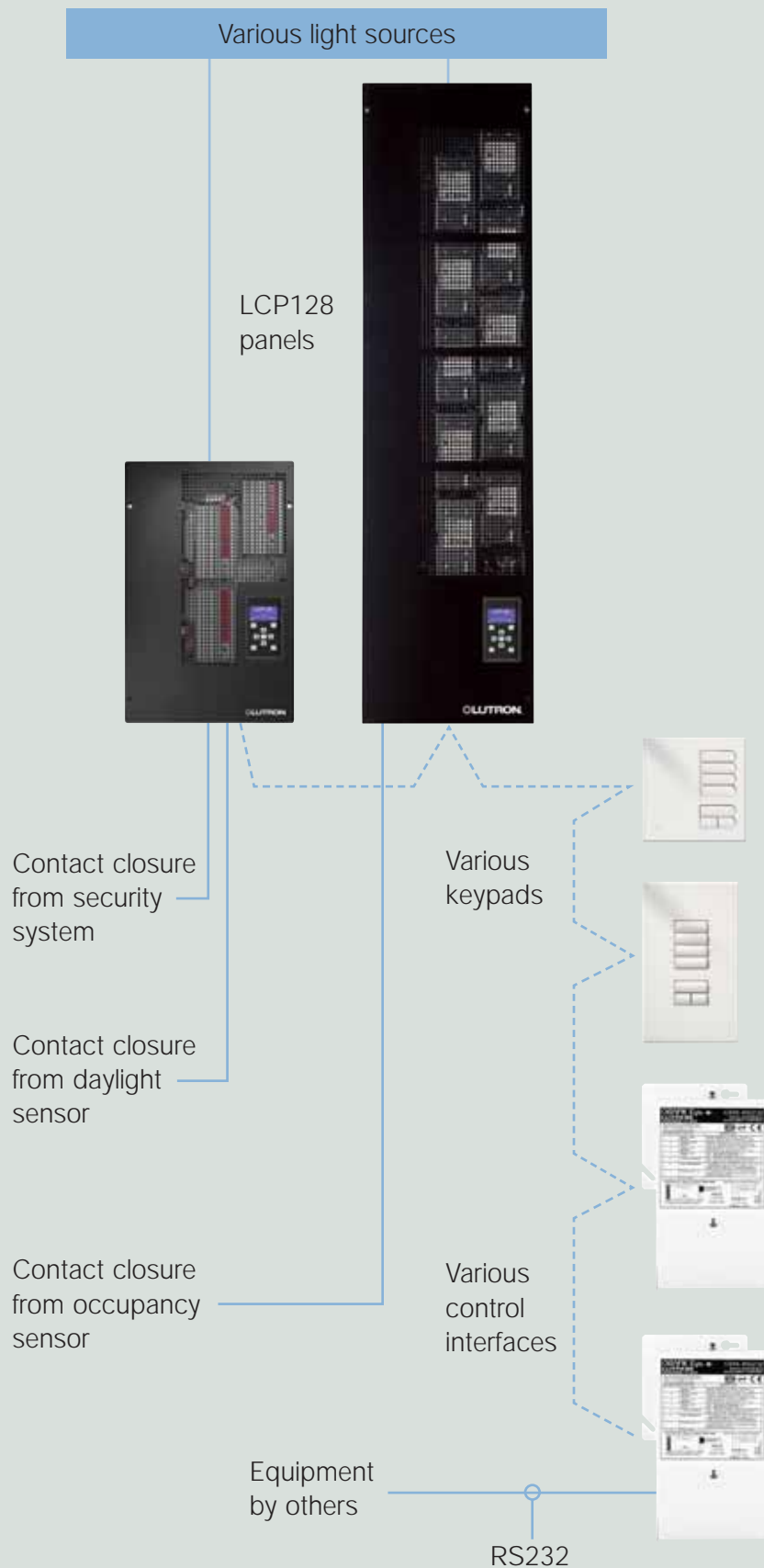
- LCP128 panels (2 sizes available) with any combination of the following modules:
  - 4U (incandescent, MLV, neon/cold cathode, full conduction)
  - 4E (ELV)
  - 4A (incandescent, MLV, ELV, neon/cold cathode)
  - XP (switching)
  - 4M (AC motors)
  - TVM (0-10, DALI, DSI)
- Contact closures to LCP128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

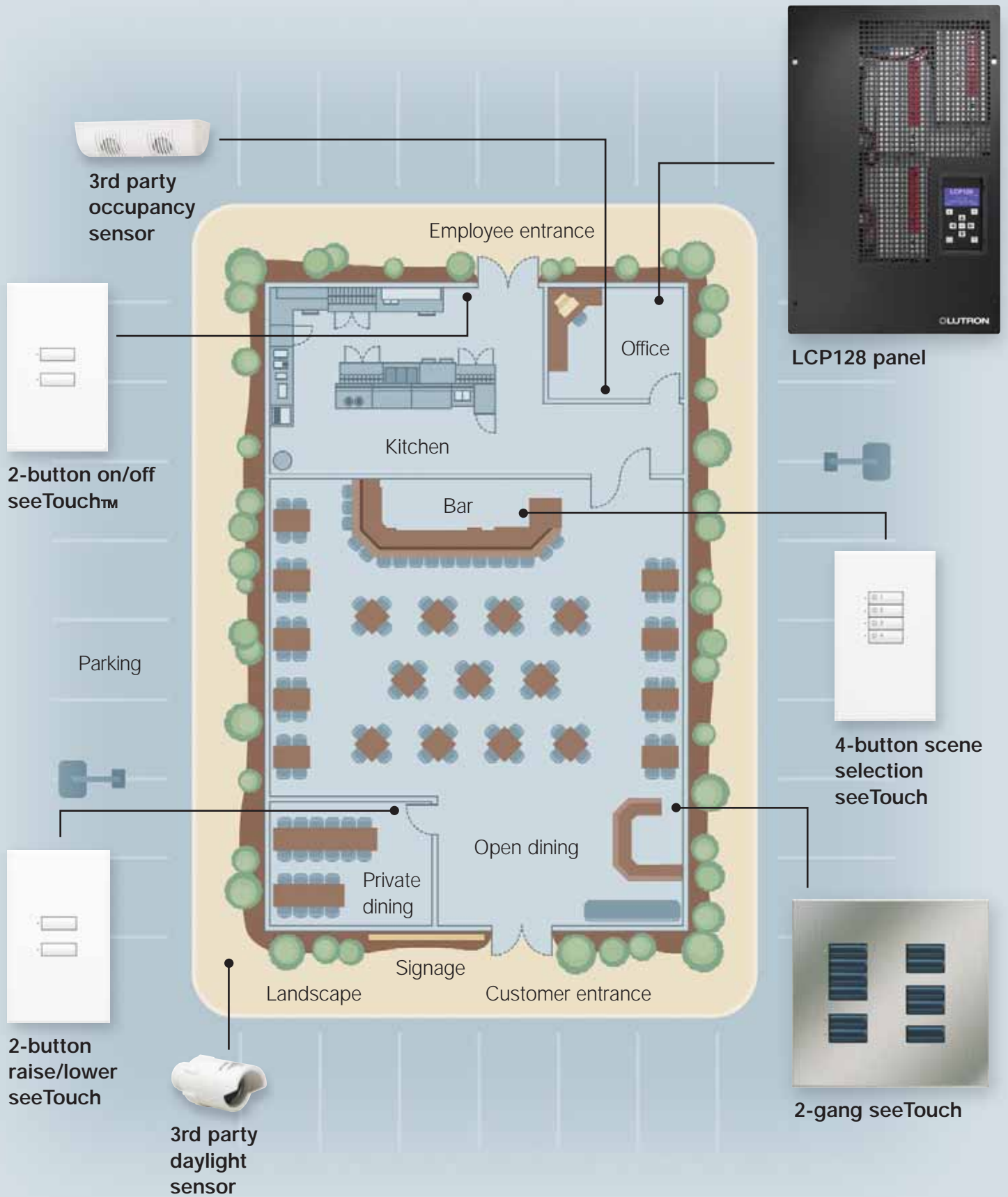
## Lighting a restaurant

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.

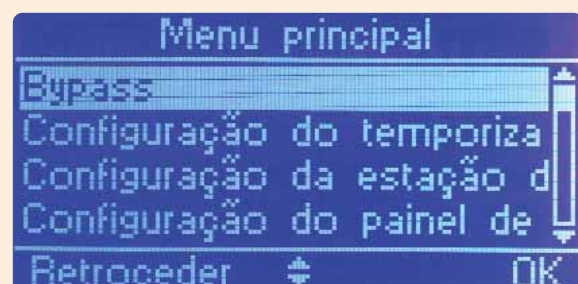
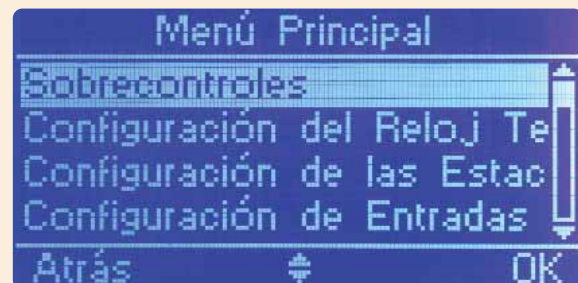
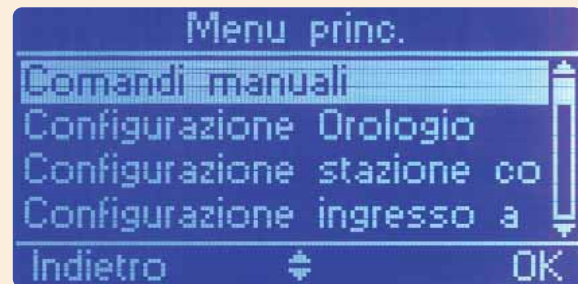
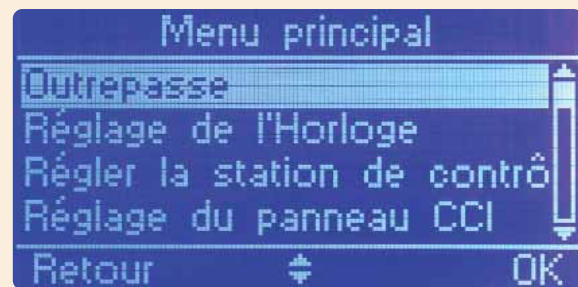
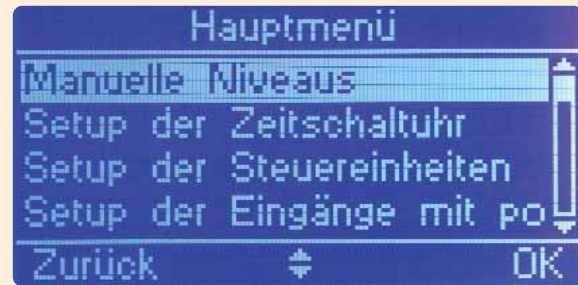
## Contact closure input (CCI) programming

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

The World Bar – New York, USA



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

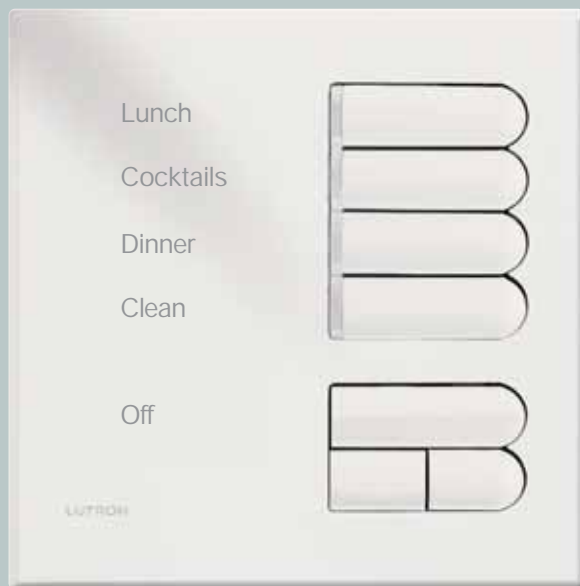
## seeTouch™



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

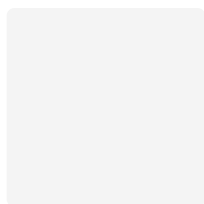
## European-style



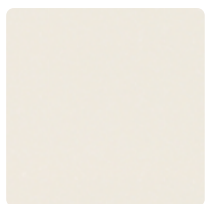
Shown in actual size in white  
86mm x 86mm  
**(Model EOMX-4S)**

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

## Matt finishes



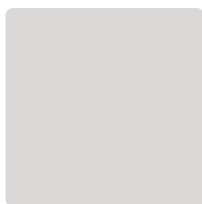
White  
WH



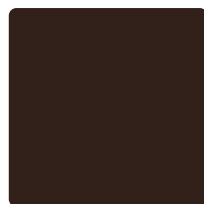
Beige  
BE



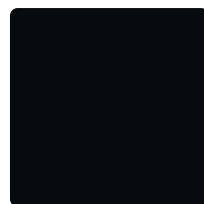
Ivory  
IV



Grey  
GR

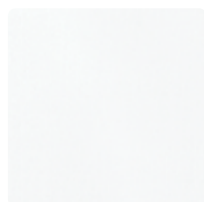


Brown  
BR

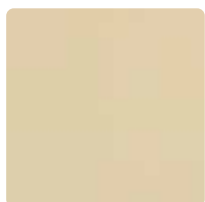


Black  
BL

## Gloss finishes (see Touch only)



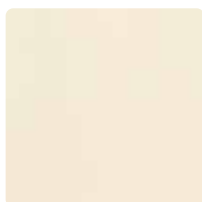
White  
GWH



Ivory  
GIV



Almond  
GAL



Light Almond  
GLA

## Metal finishes



Satin Brass  
SB



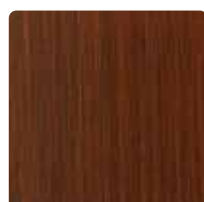
Bright Brass  
BB



Bright Chrome  
BC



Antique Brass  
QB



Antique Bronze  
QZ



Satin Chrome  
SC



Satin Nickel  
SN



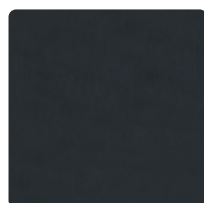
Bright Nickel  
BN



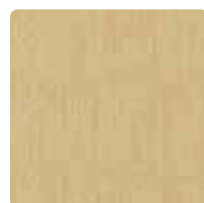
Gold Plated  
AU



Clear Anod.  
Aluminium  
CLA



Black Anod.  
Aluminium  
BLA



Brass Anod.  
Aluminium  
BRA

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