From design and engineering assistance to on-site programming, Acuity Brands Controls backs every solution with the industry's leading service and support.

Acuity Brands Controls assists with specifications, quotations, submittals, technical support and field service.

1-800-533-2719
ACUITY BRANDS CONTROLS

Acuity Brands Controls designs, produces and services lighting controls for commercial, institutional, industrial and infrastructure applications. We offer single-source access to one of the industry’s most extensive product portfolios, including:

Stand-alone Controls
for component solutions such as motion sensors, daylight harvesting sensors and timers.

Control Systems
that link devices to control one or multiple spaces that stand-alone or integrate other building systems.

The diversity of the Acuity Brands product portfolio is one of our greatest strengths. We have a deep understanding of customers’ needs and have designed this guide to assist them in choosing the best lighting control products for their specific applications.
**LC&D™** provides practical control systems that are easy to program, reduce operational costs and enhance occupant comfort while adhering to building codes and sustainability initiatives. Factory-assembled and tested relay and breaker panels minimize on-site installation time. Available pre-programming and packaging services simplify site logistics and commissioning.

www.lightingcontrols.com

**Synergy® Lighting Controls** produces systems that are native BACnet™ and capable of centralized dimming and switching of nearly every lighting source. Based on a single control cabinet or multiple cabinets networked together, Synergy provides single-room to multi-building campus architectural lighting control.

www.synergylightingcontrols.com

**Axion™ Controls** allows designers and end users to seamlessly control all types of lighting in architectural spaces. User interfaces deliver effective control of traditional light sources, tunable white, RGB and moving fixtures.

www.axioncontrols.com

**Sensor Switch®** is the leader in developing occupancy sensing technology for lighting controls. These sensors reduce a space’s energy consumption and enhance the convenience for occupants. The wide breadth of stand-alone sensor and photocell products provides a cost-effective and reliable solution for any application or building type. Additionally, Sensor Switch offers nLight®, a powerful system that combines motion sensors, daylight sensors, manual dimming and time-based strategies for lighting energy management. Available nLight-enabled luminaires simplify installation and support.

www.sensorswitch.com

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**A DIVERSE PORTFOLIO OF BRANDS**

The industry’s most recognized and trusted brands.
Choosing the right system

This guide is designed to help you select the best lighting controls to meet your needs.

Based on your priorities, select the appropriate sections from the right and turn to those pages. We have rated our lighting control systems so you can determine which best matches your needs.

UNDERSTANDING OUR RATINGS

The rating system follows this scale: 1 = LOWEST, 5 = HIGHEST

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**ENERGY MANAGEMENT**
Do you want to use lighting controls to maximize energy savings? Is taking advantage of the daylight in a space to reduce electric lighting a priority?

**RETROFITABILITY**
Are you upgrading spaces to lower energy use? Should the lighting system be designed for configurability to accommodate future uses of the space without extensive rewiring?

**AESTHETICS**
Does the control need to have a particular look to blend into your space? Are high-performance dimming or color-changing fixtures a part of the design? Will long fades create the right visual environment?

**CODE COMPLIANCE / ROI**
Are you investing in the most cost-effective lighting control solution that complies with applicable energy and building codes? Is it a priority for your lighting solution to save money, not only on energy costs, but also on maintenance? Is it important to extend the life of the luminaires for as long as possible by reducing the time the lights are required to be on?

**BUILDING-WIDE CONTROL**
Is central control of all lighting the priority? Does a computer with graphical or tabular control help you simplify system management?
Applying controls to unmanaged lighting saves 25% to 45% of the lighting energy in many spaces. Popular lighting control strategies for energy management include:

- Occupancy and vacancy sensing
- Daylight harvesting
- Time clock scheduling
- Task tuning

**Occupancy and Vacancy Sensing**: A lighting control strategy that regulates the operation of lighting or other equipment, based upon detecting the presence or absence of people in the space. Vacancy sensing specifically means that lighting is operated in a manual-on/automatic-off sequence.

**Quick Payback – New Construction**: Lighting controls save energy and can reduce maintenance costs. Some controls are easier to deploy in newly built spaces since they minimize wiring and labor costs.

**Quick Payback – Retrofit**: Lighting controls save energy and can reduce maintenance costs. In existing spaces, the costs of applying controls to the building infrastructure, including reuse of wiring and enclosures, impact project economics.

**Daylight Harvesting**: A lighting control strategy used to manage a building’s energy consumption by automatically regulating the use of electric lighting in response to the amount of daylight available.

**Demand Response**: A control strategy for reducing energy usage on a temporary basis, either automatically, based on a demand response signal, or manually activated by a building manager.

**Task Tuning**: A lighting control strategy in which the light output of an individual or group of luminaires is programmed to a maximum level that provides the appropriate amount of light for the space. Task tuning combines optimal lighting control and energy savings.

**Green Screen / Power Monitoring**: Visual display of energy consumption status, whether for public display or facility management purposes.

**Fixture Lumen Maintenance**: A lighting control strategy that adjusts luminaire output over time to maintain constant light output as lamps or LEDs age. The strategy allows for additional energy savings early in the life of a system.

**Retrofitability**: Applicability of the controls to existing building infrastructure, including wiring, network connectivity and reuse of existing enclosures.

**Computer-based Control**: Feature of the lighting control system that allows a facility operator to activate lighting settings, make adjustments or view status on a PC.

**BACnet™ Integration**: Feature set of the lighting control system that enables communication and control from a building automation system that is compatible with the BACnet™ protocol.

**nLight-enabled Luminaires**: Lighting fixtures that are factory shipped and configured with Sensor Switch® nLight technology inside.
Deploying lighting controls in existing spaces can be simple and effective when the controls are designed for easy retrofit. Scalable solutions also benefit clients who perform energy upgrades and control retrofits in stages. The above table allows you to select controls that:

- Install with minimal changes to existing wiring
- Scale well for phased installations
- Take advantage of technology to simplify space reconfiguration

## RETROFITABILITY

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</table>

*System rated based on stand-alone capabilities. When connected as part of a GR 2400™ system, see the GR 2400 column.

## Minimizes Need to Modify Existing Wiring
Applicability of the controls to existing building wiring and electrical infrastructure, i.e., how easily a new control installs in place of existing switches.

## Scalability
Lighting control system characteristic that allows it to be deployed in large projects or as subsystems that may be joined together over time.

## Appropriateness for High Bay
Features of the lighting control system that effectively control lighting in high bay applications like warehouses and gymnasiums (e.g. easy to retrofit and available sensor detection patterns).

## Wireless Controls
Lighting control devices that communicate with each other or to gateways using radio frequency communications.

## No Commissioning
Default function of the lighting control device or system enabling out-of-the-box operation, that may be further configured in the field.

## Factory Pre-Commissioning Available
Service that programs control devices to match a customer’s site requirements prior to shipment to the site for faster deployment.

## Computerless Commissioning
Lighting controls that may be fully deployed on a customer’s site without the use of a computer for device configuration.

## Software Available for Commissioning
System configuration software tools that allow end users or factory technicians to program the lighting control system on site.

## Enables Easy Reconfiguration of Zoning
Feature of the lighting control system that allows grouping and regrouping of controls to luminaires with minimal or no changes to existing building infrastructure.

## nLight-enabled Luminaires
Lighting fixtures that are factory shipped and configured with Sensor Switch® nLight control technology inside.

## Controllable Breakers
Lighting circuit breaker cabinet that activates and deactivates lighting loads through low voltage control of the breaker position.

## BACnet™ Integration
Feature set of the lighting control system that enables communication and control from a building automation system that is compatible with the BACnet™ protocol.

## Contact Closure Inputs
Lighting control component that accepts low-voltage control inputs; typically dry-switch inputs.

## Contact Closure Outputs
Lighting control component that outputs low-voltage control signals; typically dry-switch outputs.
Lighting controls help create the right environment. Whether it’s high-performance dimming or control of color-change effects, this chart will help in selecting which system delivers the impact desired.

Aesthetics: Characteristics of a lighting control device that describe its appearance — specifically how it matches finishes within a space — including color, faceplate design, metal finishes and available engraving on buttons and plates.

Dimming Performance: Lighting control strategy that varies the light output from full to minimum light output in a smooth and continuous manner. Small, imperceptible dimming steps and slow transition times are characteristics of high-end dimming performance.

Energy Management: Capability of lighting controls to optimize lighting operation to save energy, up to and beyond what is required by building codes.

Retrofitability: Applicability of the controls to existing building infrastructure, including wiring, network connectivity and reuse of existing enclosures.

Mobile Apps: Capability of a lighting control system to take commands from handheld wireless devices.

DMX-512 Inputs: Characteristic of a lighting control system to respond to digital messages that conform to ANSI E.1.11-2008 (DMX-512).

DMX-512 Outputs: Digital commands from the lighting controls for luminaires that conform to ANSI E.1.11-2008 (DMX-512).

Relay (Non-Dimming): Component and capability of a lighting control system to switch on and off lighting and other loads.

Dimmable Load Types: Capability of a lighting control system to dim luminaires and lamp types. The list shown shows system capability per load type.

Touchscreen Controls: Lighting control device that displays information graphically and allows users to touch the screen to activate or deactivate lighting sequences.

RS-232 Integration: Capability of a lighting control system to take commands from and respond to a serial data stream that complies with the RS-232 standard TIA-232-F.

BACnet™ Integration: Feature set of the lighting control system that enables communication and control from a building automation system that is compatible with the BACnet™ protocol.

Contact Closure Inputs: Lighting control component that accepts low-voltage control inputs; typically dry-switch inputs.

Contact Closure Outputs: Lighting control component that outputs low-voltage control signals; typically dry-switch outputs.

Computer-based Graphical Control: Control system software that manages lighting via a computer that displays control points, status or both on a reflected ceiling plan or other image.

Architectural Dimming Cabinets: Lighting panels that feature dimmers, relays or other controllers combined within one enclosure and logically programmed to respond to remote sensor and control devices.

Partitioning: Capability of a lighting control system to operate in a combined room mode when two or more spaces are joined via opened air-walls, doors or partitions and to operate independently when the spaces are physically divided.

Sequences: A control strategy that activates more than one lighting effect with the push of a button, touch of a graphic or time clock event. Sequences may employ logic that causes different behavior based on system status information.
Occupancy and Vacancy Sensing: A lighting control strategy that regulates the operation of lighting or other equipment, based upon detecting the presence or absence of people in the space. Vacancy sensing specifically means that lighting is operated in a manual-on/automatic-off sequence.

Quick Payback – New Construction: Lighting controls save energy and can reduce maintenance costs. Some controls are easier to deploy in newly built spaces since they minimize wiring and labor costs.

Quick Payback – Retrofit: Lighting controls save energy and can reduce maintenance costs. In existing spaces, the costs of applying controls to the building infrastructure, including reuse of wiring and enclosures, impact project economics.

Daylight Harvesting: A lighting control strategy used to manage a building’s energy consumption by automatically regulating the use of electric lighting in response to the amount of available daylight.

Astronomic Time Clock: A device or system function that provides a signal to turn a load on or off or adjust power in steps, based on the time of day or astronomic events such as sunrise or sunset, accounting for geographic location and day of the year.

Countdown Timer: A control device that turns lights or other loads on when manually activated and automatically turns lights or other loads off when a user-selected time period elapses.

Tunable High-end Luminaire Output: A lighting control strategy in which the maximum light output of an individual or group of luminaires is set to provide the appropriate amount of light for a space, task or area. Tuning is sometimes accomplished using high-end trim.

Temporary Daylight Sensor Override: Feature of a lighting control that allows temporary override of automatic daylight harvesting. The override is manually activated and automatically expires.

Controllable Breakers: Lighting circuit breaker cabinet that activates and deactivates lighting loads through low-voltage control of the breaker position.

CEC Listed: Lighting control devices that are listed to comply with the California Energy Commission’s Appliance Efficiency Regulations.

Seismic Listing: Lighting control devices that are evaluated and tested to ICC-ES AC156 and listed with a California OSHPD Special Seismic Certification.

Achieving a code-compliant lighting solution hinges on using lighting controls as standards evolve. Applying the right type of control strategies can also have a positive impact on a project’s return on investment because controls reduce energy use, reduce maintenance and help extend the useful life of new and existing luminaires.

Depending upon the locale, code compliance may include:
- Vacancy sensors or timers
- Daylight harvesting
- Time clock schedules to sweep spaces off
- Smart controls to allow only temporary sensor override

*System rated based on stand-alone capabilities. When connected as part of a GR 2400™ system, see the GR 2400 column.
## BUILDING-WIDE CONTROL

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<th>LC&amp;O XPOINT WIRELESS</th>
<th>SENSOR SWITCH</th>
<th>SYNERGY</th>
<th>LC&amp;O XPOINT</th>
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<td>Computer-based Graphical Floor Plan</td>
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<td>BACnet™ Integration</td>
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<td>Retrofitability</td>
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*System rated based on stand-alone capabilities. When connected as part of a GR 2400™ system, see the GR 2400 column.

Centralized control of all lighting helps streamline management of larger lighting systems. Intelligent lighting control systems simplify complex projects through floor plan-based graphics or tabular controls. In many cases, the lighting control system can seamlessly connect to already installed building automation systems.

Computer-based Graphical Floor Plan: Control system software that manages lighting via a computer that displays control points, status or both on a reflected ceiling plan or other images.

Computer-based Tabular Control: Characteristic software feature of a lighting control system to be managed or controlled via a computer that displays control points, status or both in a table or menu structure.

Mobile Apps: Capability of a lighting control system to take commands from handheld wireless devices.

Remote Access / Diagnostics: Capability of a lighting control system to allow access to system status and control points via networked or modem dial-up connections.

BACnet™ Integration: Feature set of the lighting control system that enables communication and control from a building automation system that is compatible with the BACnet™ protocol.

RS-232 Integration: Capability of a lighting control system to take commands from and respond to a serial data stream that complies with the RS-232 standard TIA-232-F.

Green Screen / Power Monitoring: Visual display of energy consumption status, whether for public display or facility management purposes.

Architectural Load Control: Capability of the lighting control system to control lighting loads with smooth and continuous dimming and long fade times.

Energy Management Control: Capability of lighting controls to optimize lighting operation to save energy, up to and beyond what is required by building codes.

Retrofitability: Applicability of the controls to existing building infrastructure, including wiring, network connectivity and reuse of existing enclosures.
LC&D™ LIGHTING CONTROLS

Lighting Control & Design (LC&D) provides practical control systems that are cost-effective and scale seamlessly from rooms to floors to buildings to campuses. LC&D’s expertise is providing solutions that maximize energy savings while ensuring occupant comfort. In addition to lowering energy costs, these solutions can reduce maintenance costs and increase the service life of lamps, ballasts and LED drivers.

LC&D networkable devices can be combined into a single configurable system to meet the needs of any size project. With distributed intelligence, each component contains local programming to ensure the system continues to operate as designed, even if one portion of the network is compromised. Manufactured in the U.S., our systems are fully tested and may be programmed prior to delivery for immediate, out-of-the-box operation. Pre-assembly and pre-commissioning help reduce on-site labor cost, installation time and costly installation errors. With properly equipped systems, our technical support staff can access systems remotely to make basic programming adjustments and changes in time schedules.

BLUE BOX™ LT

A simple, cost-effective alternative to traditional time clocks, twist timers and contactors. Blue Box LT is an appropriate solution for small- to medium-size switching projects:

**PARKING LOTS & SITE LIGHTING**
- Astronomic time clock allows automated lighting control based on time of day
- Independent photocell triggers ensure exterior lighting is on only when required
- Waterproof switches available for outdoor installation

**RETAIL**
- Automated lighting and HVAC control
- Small footprint saves space
- Update holiday schedules locally or remotely

**COMMON AREAS & HALLWAYS**
- Time schedules and occupancy sensors turn off lighting in unused areas
- Photocell minimizes electric lighting when ample daylight is present
- Simple integration to fire and alarm systems activates lights during emergencies
A distributed relay system provides localized control of full circuits or individual fixtures, regardless of building wiring. Applications such as big box retail, warehouses and supermarkets experience the following benefits:

**BIG BOX RETAIL**
- Tailored lighting zones allow for optimum daylight harvesting and minimal lighting during off-hours
- Single control point for interior and exterior lighting

**WAREHOUSES**
- Lighting adjusts to fit seasonal inventory shifts with lights turned off in unused bays
- Unique daylight switching allows for even exercise of lamps and seamless multi-lamp switching

**SUPERMARKETS**
- Energy savings via quick dimming of unoccupied aisle lighting
- Minimize lighting energy consumption during after-hours restocking

**ADURA TECHNOLOGY**
- Connects light fixtures and sensors via a proven reliable mesh network
- Provides redundant message paths and high speed response

**DISTRIBUTED INTELLIGENCE**
- Schedules and group information are stored in control devices for immediate and accurate response
- On-board current monitoring and lamp outage reporting allow for enhanced facility optimization

**INTEGRATION**
- Unity GX2™ management software delivers even greater functionality
- Program and monitor light fixture operation directly from a PC or the web
- Additional features include scheduling, configuration and real-time maintenance alerts
Acuity Brands Controls Solutions Guide

GR 2400™

LC&D’s flagship system architecture puts it all together. The highly-scalable GR 2400 allows a wide variety of components and subsystems to be networked into large building and campus control solutions.

FLEXIBLE ARCHITECTURE
• Manual and automatic control of lighting and building systems on the GR 2400 platform
• Centralized panels or fixture-level relays support large area or granular control of lighting
• A variety of designer, vandal-resistant and waterproof wall stations provide occupant control for any application

CENTRALIZED CONTROL
• Unity GX2™ graphical and tabular software is a single point of control for total building control and monitoring
• Manage lighting, sensor, IP-based cameras and other devices from Unity GX2’s single user interface

INTEGRATION
• Directly connect, control and monitor HVAC settings
• Respond to RS-232, serial or DMX inputs and integrate with BACnet®, LCN, Metasys® N2 and Tracer Summit™ solutions
• Combine with XPoint™ Wireless, xCella™ Wireless and ROAM® devices for a hybrid wired and wireless building or campus solution

xCELLA™ WIRELESS

Ideal for rooms and smaller areas, xCella switches and sensors are wirelessly paired with distributed relays to create mini-lighting control systems that communicate device-to-device without requiring a central processor or gateway. Many of the sensors and switches feature “true wireless operation,” meaning no power or communication wires are required because the sensors use available light, long-life battery or manual activation to power themselves. xCella devices may be connected to a GR 2400™ system for centralized management and reporting.

PRIVATE OFFICES & CLASSROOMS
• Simple-to-install sensors save energy
• Turn off plug loads and turn down HVAC when rooms are unoccupied

DORMITORIES & BARRACKS
• Automate thermostat or HVAC shut off when windows are open
• Track room occupancy after door closures to avoid false-offs while occupants are studying or sleeping

HOTEL ROOMS
• Turn off lights, lamps and plug loads when unoccupied
• Reset room operation between guests
• Share occupancy information with housekeeping and front desk staff

To learn more about xCella™ Wireless, visit www.lightingcontrols.com/xCellaWireless
1-800-533-2719

To learn more about GR 2400™, visit www.lightingcontrols.com/GR2400
1-800-533-2719
Several Sensor Switch innovations make installation quick and easy. For example, our exclusive convertible neutral/non-neutral wiring on our wall switch sensors makes meeting NEC 2011 and other jobsite requirements worry free. Also, patented by Sensor Switch, is a reversible line and load wiring scheme that makes it impossible to wire a sensor backwards. Additionally, our sensors use all-digital, push-button programming that makes initial device configuration quick, exact, and tool-free. Finally, our photocell products provide a self-calibrating mode for setup of daylight harvesting.

Sensor Switch products are 100% engineered and assembled in the U.S.A., making them compatible with ARRA and all Buy-American programs. Many Sensor Switch products are factory installed on a number of Acuity Brands lighting fixtures.

SENSOR SWITCH®

Since our founding in 1987, Sensor Switch has been a leader in lighting control innovation, focusing on engineering products that cost-effectively deliver energy efficiency and convenience. Our occupancy sensors and photocell solutions offer better performance through use of advanced detection technologies. In addition, they are simple to install and easy to use.

Sensor Switch products use digital passive infrared (PIR) detection and signal processing that prevents energy-wasting false turn ons and occupant-annoying false turn-offs. As a secondary dual detection scheme, Sensor Switch employs patented Microphonics® technology – creating sensors that both see occupants’ motion and hear the sounds they make. This dual technology provides superior detection in spaces where occupants are stationary or where obstructions are present. Additionally, sensors with Microphonics are 100% passive, meaning no high-frequency ultrasonic or microwave transmissions are emitted, thus eliminating all potential for interference.

With superior detection, Sensor Switch products also deliver greater energy savings by allowing short time delays to be used without concern of false turn-offs. Our 10-minute default time delay is up to 50% better than competing products’ defaults, which translates to up to 33% more energy savings. Additionally, our patented LampMaximizer™ technology ensures lamp life is protected while still allowing users to aggressively target energy savings.

SENSORS

Several Sensor Switch innovations make installation quick and easy. For example, our exclusive convertible neutral/non-neutral wiring on our wall switch sensors makes meeting NEC 2011 and other jobsite requirements worry free. Also, patented by Sensor Switch, is a reversible line and load wiring scheme that makes it impossible to wire a sensor backwards. Additionally, our sensors use all-digital, push-button programming that makes initial device configuration quick, exact, and tool-free. Finally, our photocell products provide a self-calibrating mode for setup of daylight harvesting.

Sensor Switch products are 100% engineered and assembled in the U.S.A., making them compatible with ARRA and all Buy-American programs. Many Sensor Switch products are factory installed on a number of Acuity Brands lighting fixtures.

WALL SWITCH SENSORS
• Passive Infrared (PIR)
• Dual Tech

HIGH BAY SENSORS
• 360°
• Aisle
• End of Aisle

360° SENSORS
• Ceiling Mount
• Recessed Mount
• Fixture Mount
• Embedded

OUTDOOR SENSORS
• Pole/Fixture Mount
• Embedded

OTHER OCCUPANCY SENSORS
• Wide View
• Hallway

DAYLIGHT SENSORS
• On/Off Photocell
• Automatic Dimming Control

SPECIALTY
• Refrigeration Aisle Sensor
• RR-7 Compatible
Sensor Switch® controls with embedded nLight digital technology can be cost-effectively networked together – creating a system that integrates time-based, daylight-based, sensor-based and manual lighting control strategies. Ideal for office buildings, schools, hospitals, universities and warehouses, nLight systems meet or exceed energy savings performance mandated by energy codes while enhancing the building environment.

**FLEXIBLE ARCHITECTURE**

- Functions in stand-alone rooms or networked together across an entire facility or campus
- Communicate over standard Cat5e cable or optional WiFi
- Build a system with distributed intelligence using nLight devices

**ADDRESSABLE**

- Devices are digitally addressable
- Digital lighting system delivers flexibility and energy savings

**ADVANCED ENERGY SAVINGS**

- SensorView software monitors performance and reports energy savings
- Ideal for performance validation of LEED requirements

To learn more about nLight®, visit www.nlightcontrols.com

1-800-533-2719
AXION™ CONTROLS

Axion Controls embraces the digital lighting revolution in architectural spaces. With Axion Controls solutions, architects, designers and users take advantage of digital lighting such as tunable-white, RGB sources and moving fixtures, through engaging user interfaces. Axion Controls products seamlessly control digital and traditional sources on a single platform. Essentially, we have unlocked the power of digital lighting control without the complexity.

Solutions from Axion Controls enable digital lighting designs like no other system. Powerful, yet simple end-user controls allow theatrical lighting, architectural dimming and energy management strategies to be simultaneously deployed in the same space.

Axion Controls designs, develops and supports a broad line of RGB controls: Easyl™ Solo, Touch, Pro and Easyl Studio.

EASYL™

The Easyl family of RGB controllers is the first product family developed under the Axion Controls brand. As its name suggests, Easyl allows color changing lighting effects to be integrated into architectural spaces with ease. We call it dynamic color made easy because it takes the mystery out of RGB and theatrical lighting protocols. Easyl is DMX-512 compatible and features remote device management (RDM).

DYNAMIC COLOR
• RGB shows can be designed and recalled simply from the Easyl control station
• Easyl wall stations allow show start and stop from multiple locations

ADVANCED FEATURES
• Easyl Pro and Easyl Studio are paired for multi-zone show design
• Built-in astronomic time clock automates shows on Easyl Touch and Pro models
• Record and playback DMX with Easyl Pro

COMPATIBILITY
• Easyl is compatible with DMX-512 and RDM
• As an RDM controller, Easyl simplifies fixture configuration

To learn more about Easyl™, visit www.easyl.com
1-800-533-2719
SYNERGY® LIGHTING CONTROLS

Synergy Lighting Controls unites all aspects of advanced lighting management: switching, architectural dimming, intelligent ballast control, occupancy sensing and daylight harvesting. Synergy’s sophisticated capabilities deliver the flexibility to meet customers’ specific needs. Built on the open BACnet™ standard, Synergy can connect with other building system controls quickly and easily, giving customers the ability to control lights, HVAC systems, etc., through one user interface.

The beauty of Synergy Lighting Controls is the ease of scalability, from simple to very large, and the ability to expand at any time. Manufactured in the U.S., these controls are completely customized and built to the configuration specifications of each job site. We provide technicians to assist from concept through installation and start-up programming.

Synergy Lighting Controls systems include:

ENCLOSURES
- House power modules, dimmer power modules and the system controller

POWER MODULES
- Plug-and-play modules create an ideal lighting control solution for any combination of load types

STATIONS & ACCESSORIES
- Digital remote stations provide users with local and global on/off, preset and raise/lower control of lighting zones
- Master Control Stations deliver manual dimming and preset recall of local and global lighting zones
- Accessories like switches, dimmers and power boosters provide controls for additional loads or extend the capability of networked devices

SOFTWARE
- A highly-scalable, web-based application that monitors energy consumption and graphical software with a flexible user interface, providing real-time control and monitoring capabilities

To learn more about Synergy Lighting Controls®, visit www.synergylightingcontrols.com