Cooper Controls has designed the iLumin user interfaces to be easy and intuitive to use for everyone, in every language, every time.

Cooper Controls designed the Source Controllers to incorporate more of the features most often demanded, to last longer with less maintenance, and to cost less than the competition.

Every circuit within a Source Controller is designed to control every available light source, without changing cards or modules. These products are equipped to integrate into other building systems, measure the energy consumption in real-time of every circuit, and communicate on only one phase of power-out-of-the-box.

With iLumin, Project Specifications are Easier and More Accurate

iLumin combines World-Class Design, Quality & Service to deliver the best products

Cooper Controls is uniquely positioned to collaborate with other world-class manufacturers, incorporating only proven technologies, quality components, and designed to last.

iLumin and iLight, meeting the needs of prestigious projects World-Wide

Cooper Controls, the latest member of the Cooper family, is taking a new approach to lighting control. Combine the best products from innovative companies with the global reach and resources of Cooper Industries to create new lighting control solutions that are high quality, easy to use with a low cost of ownership. This strategy of building on the best has established Cooper Controls as a market leader in architectural, energy management, and entertainment lighting controls.

## The benefits of Architectural Lighting Controls

iLumin architectural lighting controls create flexible spaces that support the needs of instructors, students, and visitors. They are easy to understand, and provide energy savings that reduce operational expenses. This combination of improved flexibility, ease of use, and energy savings helps every space work harder at higher education.

- Provide the right light to support the visual task or teaching method at hand.
- Create a comfortable learning environment.
- Manage energy costs better with real-time energy measurement.
- Schedule important lights to ensure they are on/off when necessary.

### What makes iLumin unique?

1. **Most Intuitive User Interfaces**
   - Cooper Controls has designed the iLumin user interfaces to be easy and intuitive to use for everyone, in every language, every time.

2. **Lumin Source Controllers, New Definition of Standard Design**
   - Cooper Controls designed the Source Controllers to incorporate more of the features most often demanded, to last longer with less maintenance, and to cost less than the competition.

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   - iLumin lighting controls, created by Cooper Controls, a combination of European design, state-of-the-art technology, and global resources offers an unparalleled experience for specifiers, installers, and end users all over the world.

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### Who is Cooper Controls?

Cooper Controls, the latest member of the Cooper family, is taking a new approach to lighting control. Combine the best products from innovative companies with the global reach and resources of Cooper Industries to create new lighting control solutions that are high quality, easy to use with a low cost of ownership. This strategy of building on the best has established Cooper Controls as a market leader in architectural, energy management, and entertainment lighting controls.

Cooper Controls + iLight = iLumin

iLumin, the complete line of architectural lighting controls from Cooper Controls, offers highly intuitive user interfaces, source controllers that include the most standard features, and a streamlined specification process for hospitality, commercial, educational, and entertainment projects around the world.

Lumin lighting controls, created by Cooper Controls, better products and better processes united under one world-class company and available worldwide.

Cooper Controls + iLight = iLumin
Introduction

Lighting and lighting control play an important role in providing higher education. Since 90% of the information received by the brain is through the eye, the overall design and control of the lighting is critical to creating the right environments that students and faculty expect.

Today’s College and University campuses are virtually always “alive” while college and campus-wide and lighting and lighting control systems need to be both functional and aesthetic, maintain a level of safety and security, and to be environmentally friendly by reducing energy usage and smart energy use and saving and reducing overall maintenance costs.

The lighting control must:
• be easy for any operator to understand and use,
• match the lighting provided with the needs of the space even manually or automatically,
• reduce energy costs,
• integrate with video and fire alarm systems to ensure proper lighting levels in emergency situations.

The large and diverse crowds, dramatic presentations, and notable speakers that often fill university lecture halls demand flexible lighting that will support a variety of visual tasks and support the overall security strategy. The security folks in the campus often fill university lecture halls demand flexible lighting that will support a variety of visual tasks and support the overall security strategy.

Common Areas

Lobbies, food courts, and common areas throughout college campuses welcome students, faculty, and visitors in the morning, afternoon, and night. These areas need to be safe and secure and be maintained in a state that is easy to instantly understand.

Performance Facilities

Whether it is athletic, artistic, or spiritual, students need an appropriate stage to develop their talents. Lighting control is an important part of supporting the overall performance. These forums can include high-tech audio and visual equipment that is operated by a full-time technician, experienced faculty member or trained student.

Lecture Hall

The large and diverse crowds, dramatic presentations, and notable speakers that often fill university lecture halls demand flexible lighting that will support a variety of visual tasks and support the overall security strategy.

Basic Classroom

The typical college or university classroom needs to be flexible lighting that will support a variety of visual tasks and support the overall security strategy. The security folks in the lecture halls can be seen in the morning, afternoon, and night. These areas need to be safe and secure and be maintained in a state that is easy to instantly understand.

Campus/Parking Lots

The safety and security of students and staff are paramount in creating an environment of higher education. Efficient lighting and parking lots will work in concert with the traditional textbook. Also, any teacher, new, tenured or guest, should be able to instantly understand how to operate the lights in the classroom.

Performance Facilities

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Lecture Hall

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Areas of the overall security strategy.
Areas
Common keeping the system safe from needs of the morning, afternoon and the day to best match the lighting different lighting levels throughout. Define and automate daily lighting schedules with a timeclock.

• Enable facility staff to maintain override control of the lights in these light to match space needs or vary with the presence of natural light.
• Offer different light levels in order to provide the appropriate amount of employee interaction.
• Schedule lighting to adjust to appropriate levels, without requiring regardless of the vacation schedules and sick days of facility staff.

Welcome students, faculty, and visitors in the morning, afternoon, and
Libraries, food courts, and common areas throughout college campuses

Introduction
Lighting and lighting control play an important role in providing higher education. Since 90% of the information received by the brain is through the eye, the overall design and control of the lighting system is critical to the educational environment that students and faculty expect.

Today's College and University campuses are virtually "small cities" within themselves and depend upon lighting and lighting control to support a variety of functions; like creating comfortable "cities" within themselves and depend upon lighting and lighting control to support a variety of functions; like creating comfortable learning and work environments for students and staff, provide public and open spaces for special occasions.

Lighting and lighting control play an important role in providing higher education. Since 90% of the information received by the brain is through the eyes, the overall design and control of the lighting system is critical to the educational environment that students and faculty expect.

Today's College and University campuses are virtually "small cities" within themselves and depend upon lighting and lighting control to support a variety of functions; like creating comfortable learning and work environments for students and staff, provide public and open spaces for special occasions.

Libraries, food courts, and common areas throughout college campuses support the majority of the daily business activities that occur outside of the classroom. Creating a comfortable, safe and secure campus areas, increase energy savings and reduce overall maintenance cost.

The lighting control must:

• Schedule lighting to adjust to appropriate levels without requiring regular maintenance.
• Match the lighting provided with the needs of the space either manually or automatically.
• Reduce energy costs.
• Integrate with security and fire alarm systems to ensure proper lighting levels in emergency situations.

Common Areas
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Performance Facilities
Whether it's athletic ability, or artistic aptitude, students need an appropriate stage to discover their talents. Lighting plays an important role in recognizing the overall performance. These forums can include high-tech audio visual and sound equipment that is operated by a full-time technician, experienced faculty member or trained student. The easily identifiable power button, the classic rotary control, and customizable explosion proof fixtures that is easy to instantly understand.

Lecture Hall
The large and diverse crowds, dramatic presentations, and notable speakers that often fill university lecture halls demand further lighting that will support a range of visual tasks and also support any technology present in the room. The lighting control should be easy to instantly understand.

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Campus/Parking Lots
The safety and security of students and staff are paramount in creating an environment of higher learning. Campus Common Areas and Parking lots will thrive throughout the night in an important aspect of the overall security strategy.

• Schedule exterior lights to turn ON every night at dusk.
• Provide a balanced and comfortable lighting presence.
• Require minimal maintenance.
• The lighting controls should be easily and immediately understood by any operator.

The Ineo user interface is the most intuitive wallstation in the industry. Product understanding is immediate and does not require training. Users may operate multiple lighting circuits, shades, and audio visual equipment from one of these scene-based controls.

Administrative Areas
Administrative Areas
• Select areas to be easily maintained.
• Select areas to be automatically maintained.
• Select areas to be easily operated. Every user should be able to approach and control the lights quickly and without confusion.

• Provide a balanced and comfortable lighting presence.
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Basic Classroom
Basic Classroom
• Provide various lighting scenes to accommodate different visual tasks supporting integration with Building Management Systems or basic occupancy or daylighting sensors.

• The lighting controls should be easy to instantly understand.

• Be easily maintained.
• Be automatically maintained.
• Be easily operated. Every user should be able to approach and control the lights quickly and without confusion.

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Common Areas

- Lighting and lighting control play an important role in providing higher education. Since 80% of the information received by the brain is through the eyes, the overall design and control of the lighting systems is critical to providing an educational environment that students and faculty expect.

- Today’s College and University campuses are virtually “small cities,” where businesses and dramatic art lighting and lighting control systems are used to enhance the campus experience. These systems can provide the flexibility and control needed to make the campus a more welcoming and work environment for students and staff, provide different minimum options areas, increase energy savings and reduce overall maintenance cost.

- The lighting control must:
  - Be easy to use, for any operator to understand and use.
  - Match the lighting provided with the needs of the space whether manually or automatically.
  - Be easy for any technician, experienced faculty member or trained student.
  - Create scenes that are easy to remember and control.
  - Integrate with security and fire alarm systems to ensure proper lighting levels in emergency situations.
  - Should provide a variety of visual and sound equipment that is operated by a full-time librarian.
  - Be capable of being used in a variety of visual and sound environments.

- The large and diverse crowds, dramatic presentations, and notable speakers that often fill university lecture halls demand the control the lights quickly and without error. Keeping the system safe from unauthorized users. The security policy demands that the campus be continuously kept in safe and secure campus areas, increase energy savings and reduce overall maintenance cost.

- The lighting control must:
  - Control scenes or independent scenes from one location.
  - Provide an unobstructed user experience.

- The Revio user interface is highly interactive and can be controlled from any location in the building with a handheld device. The Revio user interface is the most intuitive wallstation in the industry. The Revio wallstation is designed to be easy to use and immediately understood by any operator.

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Performance Facilities

- Whether it’s athletic ability, or artistic aptitude, students need an appropriate stage to showcase their developing talents. Dramatic presentations, and notable speakers that often fill university lecture halls demand the control the lights quickly and without error. Keeping the system safe from unauthorized users.

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The benefits of Architectural Lighting Controls

iLumin architectural lighting controls create flexible spaces that support the ability to visualize teaching and learning. They are easy to understand, and provide energy savings that reduce operational expenses. This combination of improved flexibility, ease of use, and energy savings helps every space work harder at higher productivity.

- Provide the right light to support the visual task or learning method at hand.
- Create a comfortable learning environment.
- Manage energy costs better and real-time energy reduction.
- Schedule important lights to ensure they are on/off when necessary.

Application Matrix

<table>
<thead>
<tr>
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<th>BMS Integration</th>
<th>DMX</th>
<th>Energy Monitoring</th>
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Who is Cooper Controls?

Cooper Controls, the latest member of the Cooper family, is taking a new approach to lighting control. Combine the best products from innovative companies with the global reach and resources of Cooper Industries to create new lighting control solutions that are high quality, easy to use, and with a low cost of ownership. This strategy of building on the best has established Cooper Controls as a market leader in architectural, energy management, and entertainment lighting controls.

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Lighting Control for Higher Education

An application guide to Lighting Controls for today’s Higher Education Institutes.

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Cooper Controls, Greengate, Novitas, Yes Box, PCI Lighting Control Systems, VisionTouch, VisionSwitch, MicroSet, Digita, ControlKeeper, LiteKeeper, ArchiDMX, AnalogKeeper, IntelliRelay, NeoSwitch, Revio, and Ineo are valuable trademarks of Cooper Industries in the U.S. and other countries. You are not permitted to use Cooper Trademarks without the prior written consent of Cooper Industries.
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Who is Cooper Controls?

Cooper Controls, the latest member of the Cooper family, is taking a new approach to lighting control. Combine the best products from innovative companies with the global reach and resources of Cooper Industries to create new lighting control solutions that are high quality, easy to use with a low cost of ownership. This strategy of building on the best has established Cooper Controls as a market leader in architectural, energy management, and entertainment lighting controls.

iLumin, the complete line of architectural lighting controls from Cooper Controls, offers highly intuitive user interfaces, source controllers that include the most standard features, and a streamlined specification process for hospitality, commercial, educational, and entertainment projects around the world.

Cooper Controls + iLight = iLumin

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iLumin, created by Cooper Controls, better products and better processes united under one world-class company and available worldwide.

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